

Fig. 1

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SEQ. ID NO:1 1 MRGSHHHHHHTDPINKDIYQALQQLIPNEKIKVDEPLKRYTYTKTGGNAD 50
                :
SEQ. ID NO:2 1 .....MDHSLKPWNTFGIDHNAQ 18

51 FYITPTKNEEVQAVVKYAYQNEIPVTYLNGSNSIIIREGGIRGIVISLLS 100
19 HIVCAEDEQQLINAWQYATAEGQPVLILGEGSNVLFLEDYRGTVIINRIK 68

101 LDHIEVSDDA..IIAGSGAAIIDVSRVARDYALTGLEFACGIPGSIGGAV 148
69 GIEIHDEPDAWYLVHGAGENWHLRVKYTLQEGMPGLENLALIPGCVGSSP 118

149 YMNAGAYGGEVKDCIDYALCVN.EQGSLIKLTTKKELELDYRNSIIQKEH. 196
119 IQNIGAYGVELQRVCAVYVDSVELATGKQVRLTAKECRFGYRDSIFKHEYQ 168

197 ..LVVLEAAFTLAP.....GK.....MTEIQAKMDDLTERRESKQ 229
169 DRFAIVAVGLRLPKEMQPVLTLYGDLTRLDPPTVTPQQQVFNAVCHMRRTKL 218

230 F..LEYPSCGVSFQRP.....PG.....HFAGKL 251
219 FDPKVNENAGSEFFKNPVVSAETAKALLSQFPTAPNYPQADGSVKLIAAGWL 268

252 IQDSNLQGHRIIGGVEVSTKHAGFMVNVNDNGTATDYENLIHYVQKTVKEKF 301
269 IDQCQLKGMQIGGAAVHRQQAALVLINEDNAKSEDEVVQLAHHVRQKVGEKF 318

302 GIELNREVRIIGEHPKESLQPSLIS
      :
319 NVWLEPEVRFIGASGEVSAVETIS.

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Fig. 2



Fig. 3a



Fig. 3b

ORTEP 2.2.10

FIG. 4A - 1

FIG. 4A - 2

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FIG. 4A - 45

FIG. 4A - 46

FIG. 4

FIG. 4A - 1

REMARK S. aureus MurB coordinates

REMARK r= 0.20077 free_r= 0.223209

CRYST1 178.900 178.900 178.900 90.00 90.00 90.00 I213

					X	Y	Z	Occ	B
ATOM	1	N	ASN	15	201.698	143.566	184.594	1.00	45.97
ATOM	2	CA	ASN	15	200.334	143.153	184.224	1.00	44.15
ATOM	3	CB	ASN	15	200.319	142.647	182.778	1.00	44.95
ATOM	4	CG	ASN	15	200.140	143.780	181.789	1.00	46.93
ATOM	5	OD1	ASN	15	199.427	144.755	182.053	1.00	47.83
ATOM	6	ND2	ASN	15	200.770	143.655	180.637	1.00	47.45
ATOM	7	C	ASN	15	199.782	142.098	185.183	1.00	43.98
ATOM	8	O	ASN	15	198.584	141.857	185.266	1.00	42.86
ATOM	9	N	LYS	16	200.677	141.450	185.924	1.00	43.58
ATOM	10	CA	LYS	16	200.269	140.451	186.894	1.00	42.80
ATOM	11	CB	LYS	16	201.459	140.096	187.786	1.00	45.32
ATOM	12	CG	LYS	16	202.387	138.990	187.303	1.00	48.30
ATOM	13	CD	LYS	16	203.472	138.663	188.388	1.00	50.61
ATOM	14	CE	LYS	16	204.414	137.547	187.898	1.00	52.44
ATOM	15	NZ	LYS	16	205.480	137.124	188.856	1.00	52.81
ATOM	16	C	LYS	16	199.213	141.080	187.820	1.00	41.48
ATOM	17	O	LYS	16	198.194	140.483	188.155	1.00	41.29
ATOM	18	N	ASP	17	199.528	142.309	188.207	1.00	40.25
ATOM	19	CA	ASP	17	198.748	143.094	189.144	1.00	40.20
ATOM	20	CB	ASP	17	199.481	144.426	189.412	1.00	43.40
ATOM	21	CG	ASP	17	200.614	144.278	190.410	1.00	46.45
ATOM	22	OD1	ASP	17	200.647	143.204	191.054	1.00	47.62
ATOM	23	OD2	ASP	17	201.451	145.212	190.568	1.00	47.70
ATOM	24	C	ASP	17	197.323	143.378	188.683	1.00	39.05
ATOM	25	O	ASP	17	196.352	143.332	189.478	1.00	39.81
ATOM	26	N	ILE	18	197.195	143.712	187.409	1.00	35.30
ATOM	27	CA	ILE	18	195.904	144.026	186.833	1.00	33.03
ATOM	28	CB	ILE	18	196.043	144.623	185.411	1.00	31.39
ATOM	29	CG2	ILE	18	194.660	144.772	184.769	1.00	29.11
ATOM	30	CG1	ILE	18	196.677	146.007	185.487	1.00	27.59
ATOM	31	CD1	ILE	18	197.153	146.554	184.157	1.00	25.73
ATOM	32	C	ILE	18	195.072	142.762	186.755	1.00	33.59
ATOM	33	O	ILE	18	193.906	142.761	187.129	1.00	33.78
ATOM	34	N	TYR	19	195.695	141.698	186.267	1.00	33.71
ATOM	35	CA	TYR	19	195.035	140.416	186.126	1.00	35.14
ATOM	36	CB	TYR	19	196.039	139.398	185.596	1.00	33.99
ATOM	37	CG	TYR	19	195.407	138.109	185.157	1.00	36.04
ATOM	38	CD1	TYR	19	194.067	138.063	184.775	1.00	36.31
ATOM	39	CE1	TYR	19	193.477	136.869	184.376	1.00	38.09
ATOM	40	CD2	TYR	19	196.140	136.929	185.127	1.00	37.77
ATOM	41	CE2	TYR	19	195.561	135.731	184.730	1.00	39.07
ATOM	42	CZ	TYR	19	194.230	135.708	184.357	1.00	39.30
ATOM	43	OH	TYR	19	193.659	134.522	183.964	1.00	40.97
ATOM	44	C	TYR	19	194.499	139.969	187.476	1.00	35.90
ATOM	45	O	TYR	19	193.343	139.578	187.583	1.00	35.95
ATOM	46	N	GLN	20	195.342	140.038	188.504	1.00	37.67
ATOM	47	CA	GLN	20	194.945	139.624	189.847	1.00	39.12
ATOM	48	CB	GLN	20	196.123	139.767	190.811	1.00	42.40
ATOM	49	CG	GLN	20	197.096	138.601	190.798	1.00	49.42
ATOM	50	CD	GLN	20	198.228	138.785	191.792	1.00	55.01
ATOM	51	OE1	GLN	20	198.943	137.837	192.118	1.00	57.28
ATOM	52	NE2	GLN	20	198.396	140.013	192.280	1.00	56.93

FIG. 4A - 1

Free Form

ATOM	53	C	GLN	20	193.784	140.472	190.338	1.00	37.84
ATOM	54	O	GLN	20	192.851	139.969	190.963	1.00	37.86
ATOM	55	N	ALA	21	193.851	141.766	190.046	1.00	35.78
ATOM	56	CA	ALA	21	192.814	142.699	190.461	1.00	34.25
ATOM	57	CB	ALA	21	193.247	144.120	190.160	1.00	31.04
ATOM	58	C	ALA	21	191.499	142.393	189.759	1.00	33.86
ATOM	59	O	ALA	21	190.456	142.293	190.403	1.00	34.09
ATOM	60	N	LEU	22	191.555	142.245	188.439	1.00	33.57
ATOM	61	CA	LEU	22	190.364	141.950	187.651	1.00	33.18
ATOM	62	CB	LEU	22	190.731	141.772	186.179	1.00	30.11
ATOM	63	CG	LEU	22	191.123	143.065	185.464	1.00	29.39
ATOM	64	CD1	LEU	22	191.745	142.750	184.117	1.00	28.83
ATOM	65	CD2	LEU	22	189.895	143.934	185.296	1.00	28.33
ATOM	66	C	LEU	22	189.701	140.687	188.169	1.00	34.27
ATOM	67	O	LEU	22	188.475	140.592	188.216	1.00	35.65
ATOM	68	N	GLN	23	190.518	139.721	188.570	1.00	35.07
ATOM	69	CA	GLN	23	190.005	138.457	189.079	1.00	35.67
ATOM	70	CB	GLN	23	191.145	137.455	189.224	1.00	37.02
ATOM	71	CG	GLN	23	191.916	137.250	187.937	1.00	40.99
ATOM	72	CD	GLN	23	193.067	136.286	188.096	1.00	44.64
ATOM	73	OE1	GLN	23	192.936	135.256	188.750	1.00	46.80
ATOM	74	NE2	GLN	23	194.205	136.613	187.495	1.00	47.51
ATOM	75	C	GLN	23	189.290	138.638	190.406	1.00	35.26
ATOM	76	O	GLN	23	188.485	137.800	190.804	1.00	35.24
ATOM	77	N	GLN	24	189.585	139.734	191.092	1.00	35.79
ATOM	78	CA	GLN	24	188.939	140.015	192.365	1.00	37.19
ATOM	79	CB	GLN	24	189.759	141.024	193.178	1.00	39.85
ATOM	80	CG	GLN	24	191.089	140.514	193.707	1.00	44.87
ATOM	81	CD	GLN	24	191.072	139.033	194.028	1.00	49.06
ATOM	82	OE1	GLN	24	190.249	138.562	194.816	1.00	49.73
ATOM	83	NE2	GLN	24	191.986	138.289	193.414	1.00	51.86
ATOM	84	C	GLN	24	187.568	140.616	192.076	1.00	35.93
ATOM	85	O	GLN	24	186.656	140.538	192.896	1.00	36.23
ATOM	86	N	LEU	25	187.431	141.200	190.890	1.00	35.15
ATOM	87	CA	LEU	25	186.199	141.868	190.485	1.00	33.40
ATOM	88	CB	LEU	25	186.550	143.157	189.746	1.00	30.36
ATOM	89	CG	LEU	25	187.422	144.135	190.523	1.00	28.18
ATOM	90	CD1	LEU	25	187.978	145.196	189.592	1.00	28.52
ATOM	91	CD2	LEU	25	186.591	144.763	191.616	1.00	27.16
ATOM	92	C	LEU	25	185.188	141.094	189.645	1.00	33.42
ATOM	93	O	LEU	25	183.993	141.358	189.730	1.00	34.74
ATOM	94	N	ILE	26	185.641	140.152	188.829	1.00	33.21
ATOM	95	CA	ILE	26	184.708	139.413	187.983	1.00	32.14
ATOM	96	CB	ILE	26	184.614	140.062	186.590	1.00	32.83
ATOM	97	CG2	ILE	26	184.023	141.452	186		

FIG. 4A - 2

ATOM	110	CA	ASN	28	187.795	134.471	186.137	1.00	30.54
ATOM	111	CB	ASN	28	188.688	133.532	186.940	1.00	35.27
ATOM	112	CG	ASN	28	190.078	133.433	186.366	1.00	41.45
ATOM	113	OD1	ASN	28	190.807	134.424	186.303	1.00	45.99
ATOM	114	ND2	ASN	28	190.455	132.234	185.936	1.00	45.33
ATOM	115	C	ASN	28	187.705	133.956	184.705	1.00	27.46
ATOM	116	O	ASN	28	188.462	134.402	183.843	1.00	25.64
ATOM	117	N	GLU	29	186.803	133.019	184.440	1.00	25.78
ATOM	118	CA	GLU	29	186.691	132.464	183.095	1.00	25.39
ATOM	119	CB	GLU	29	185.701	131.297	183.080	1.00	24.35
ATOM	120	CG	GLU	29	184.252	131.715	183.021	1.00	25.81
ATOM	121	CD	GLU	29	183.674	132.010	184.391	1.00	27.90
ATOM	122	OE1	GLU	29	182.437	132.172	184.489	1.00	29.93
ATOM	123	OE2	GLU	29	184.452	132.083	185.368	1.00	27.77
ATOM	124	C	GLU	29	186.279	133.499	182.058	1.00	25.44
ATOM	125	O	GLU	29	186.400	133.269	180.856	1.00	26.44
ATOM	126	N	LYS	30	185.801	134.645	182.522	1.00	23.71
ATOM	127	CA	LYS	30	185.371	135.691	181.613	1.00	22.22
ATOM	128	CB	LYS	30	184.245	136.500	182.264	1.00	20.40
ATOM	129	CG	LYS	30	183.006	135.651	182.550	1.00	18.91
ATOM	130	CD	LYS	30	181.898	136.435	183.233	1.00	19.38
ATOM	131	CE	LYS	30	180.744	135.525	183.612	1.00	16.96
ATOM	132	NZ	LYS	30	179.739	136.231	184.450	1.00	19.00
ATOM	133	C	LYS	30	186.528	136.592	181.198	1.00	22.88
ATOM	134	O	LYS	30	186.343	137.532	180.423	1.00	21.66
ATOM	135	N	ILE	31	187.722	136.286	181.702	1.00	24.29
ATOM	136	CA	ILE	31	188.924	137.056	181.375	1.00	25.60
ATOM	137	CB	ILE	31	189.697	137.493	182.636	1.00	25.05
ATOM	138	CG2	ILE	31	190.872	138.359	182.229	1.00	23.00
ATOM	139	CG1	ILE	31	188.787	138.247	183.603	1.00	24.21
ATOM	140	CD1	ILE	31	189.338	138.301	185.012	1.00	22.98
ATOM	141	C	ILE	31	189.920	136.259	180.529	1.00	27.34
ATOM	142	O	ILE	31	190.404	135.212	180.957	1.00	29.03
ATOM	143	N	LYS	32	190.229	136.759	179.336	1.00	27.91
ATOM	144	CA	LYS	32	191.192	136.110	178.448	1.00	26.27
ATOM	145	CB	LYS	32	190.615	135.971	177.039	1.00	24.74
ATOM	146	CG	LYS	32	189.645	134.814	176.846	1.00	21.71
ATOM	147	CD	LYS	32	189.171	134.768	175.396	1.00	22.53
ATOM	148	CE	LYS	32	188.529	133.439	175.043	1.00	19.73
ATOM	149	NZ	LYS	32	187.307	133.239	175.845	1.00	22.97
ATOM	150	C	LYS	32	192.405	137.037	178.412	1.00	28.45
ATOM	151	O	LYS	32	192.248	138.259	178.383	1.00	28.91
ATOM	152	N	VAL	33	193.611	136.474	178.415	1.00	28.74
ATOM	153	CA	VAL	33	194.821	137.295	178.405	1.00	28.11
ATOM	154	CB	VAL	33	195.723	136.942	179.609	1.00	27.94
ATOM	155	CG1	VAL	33	197.001	137.758	179.570	1.00	26.87
ATOM	156	CG2	VAL	33	194.974	137.202	180.903	1.00	24.11
ATOM	157	C	VAL	33	195.624	137.159	177.111	1.00	28.81
ATOM	158	O	VAL	33	195.727	136.070	176.546	1.00	28.42
ATOM	159	N	ASP	34	196.192	138.271	176.650	1.00	29.48
ATOM	160	CA	ASP	34	196.973	138.280	175.418	1.00	30.64
ATOM	161	CB	ASP	34	198.328	137.621	175.644	1.00	32.74
ATOM	162	CG	ASP	34	199.050	138.184	176.843	1.00	37.31
ATOM	163	OD1	ASP	34	199.102	139.426	176.977	1.00	38.98
ATOM	164	OD2	ASP	34	199.564	137.385	177.654	1.00	42.05
ATOM	165	C	ASP	34	196.197	137.505	174.371	1.00	30.08
ATOM	166	O	ASP	34	196.705	136.551	173.782	1.00	30.60

FIG. 4A - 3

FIG. 4A - 4

ATOM	224	CA	THR	41	186.729	140.913	164.239	1.00	25.56
ATOM	225	CB	THR	41	187.905	141.853	163.969	1.00	23.93
ATOM	226	OG1	THR	41	188.961	141.130	163.328	1.00	24.17
ATOM	227	CG2	THR	41	188.408	142.441	165.270	1.00	23.28
ATOM	228	C	THR	41	186.135	140.473	162.905	1.00	25.88
ATOM	229	O	THR	41	186.541	139.467	162.328	1.00	24.62
ATOM	230	N	TYR	42	185.164	141.244	162.426	1.00	26.64
ATOM	231	CA	TYR	42	184.490	140.959	161.166	1.00	25.84
ATOM	232	CB	TYR	42	183.366	141.972	160.945	1.00	26.33
ATOM	233	CG	TYR	42	182.535	141.731	159.708	1.00	27.66
ATOM	234	CD1	TYR	42	181.296	141.093	159.785	1.00	28.83
ATOM	235	CE1	TYR	42	180.511	140.902	158.649	1.00	30.12
ATOM	236	CD2	TYR	42	182.971	142.169	158.462	1.00	29.40
ATOM	237	CE2	TYR	42	182.198	141.983	157.322	1.00	31.51
ATOM	238	CZ	TYR	42	180.969	141.352	157.420	1.00	33.36
ATOM	239	OH	TYR	42	180.200	141.183	156.286	1.00	37.88
ATOM	240	C	TYR	42	185.469	140.997	159.998	1.00	26.35
ATOM	241	O	TYR	42	185.270	140.321	158.988	1.00	24.47
ATOM	242	N	THR	43	186.528	141.787	160.137	1.00	25.81
ATOM	243	CA	THR	43	187.537	141.898	159.090	1.00	27.25
ATOM	244	CB	THR	43	188.257	143.245	159.161	1.00	27.00
ATOM	245	OG1	THR	43	188.900	143.365	160.435	1.00	27.16
ATOM	246	CG2	THR	43	187.270	144.392	158.979	1.00	26.57
ATOM	247	C	THR	43	188.590	140.803	159.230	1.00	28.75
ATOM	248	O	THR	43	189.440	140.633	158.359	1.00	29.45
ATOM	249	N	LYS	44	188.530	140.069	160.336	1.00	29.60
ATOM	250	CA	LYS	44	189.479	138.999	160.612	1.00	29.64
ATOM	251	CB	LYS	44	189.403	137.925	159.524	1.00	30.16
ATOM	252	CG	LYS	44	188.102	137.127	159.522	1.00	32.82
ATOM	253	CD	LYS	44	187.785	136.533	160.892	1.00	35.20
ATOM	254	CE	LYS	44	186.556	135.627	160.831	1.00	38.37
ATOM	255	NZ	LYS	44	185.774	135.624	162.106	1.00	40.28
ATOM	256	C	LYS	44	190.909	139.529	160.728	1.00	29.11
ATOM	257	O	LYS	44	191.839	138.974	160.146	1.00	30.41
ATOM	258	N	THR	45	191.077	140.615	161.476	1.00	26.93
ATOM	259	CA	THR	45	192.393	141.205	161.681	1.00	26.74
ATOM	260	CB	THR	45	192.666	142.368	160.688	1.00	27.36
ATOM	261	OG1	THR	45	191.760	143.447	160.943	1.00	25.55
ATOM	262	CG2	THR	45	192.494	141.895	159.245	1.00	26.41
ATOM	263	C	THR	45	192.486	141.735	163.108	1.00	26.76
ATOM	264	O	THR	45	191.473	141.858	163.795	1.00	26.69
ATOM	265	N	GLY	46	193.700	142.033	163.557	1.00	26.13
ATOM	266	CA	GLY	46	193.871	142.549	164.903	1.00	26.05
ATOM	267	C	GLY	46	194.823	141.734	165.757	1.00	26.45
ATOM	268	O	GLY	46	194.772	140.506	165.762	1.00	26.47
ATOM	269	N	GLY	47	195.689	142.426	166.491	1.00	26.87
ATOM	270	CA	GLY	47	196.649	141.754	167.344	1.00	26.14
ATOM	271	C	GLY	47	196.093	141.355	168.696	1.00	26.75
ATOM	272	O	GLY	47	194.880	141.273	168.886	1.00	26.49
ATOM	273	N	ASN	48	196.997	141.115	169.640	1.00	26.89
ATOM	274	CA	ASN	48	196.637	140.700	170.990	1.00	26.88
ATOM	275	CB	ASN	48	197.872	140.188	171.729	1.00	28.23
ATOM	276	CG	ASN	48	198.368	138.869	171.201	1.00	29.44
ATOM	277	OD1	ASN	48	199.403	138.370	171.640	1.00	31.31
ATOM	278	ND2	ASN	48	197.639	138.291	170.258	1.00	29.60
ATOM	279	C	ASN	48	196.014	141.789	171.848	1.00	27.15
ATOM	280	O	ASN	48	196.440	142.943	171.818	1.00	26.71

FIG. 4A - 5

FIG. 4A - 5

ATOM	281	N	ALA	49	195.006	141.404	172.623	1.00	26.07
ATOM	282	CA	ALA	49	194.353	142.312	173.550	1.00	25.97
ATOM	283	CB	ALA	49	192.849	142.079	173.556	1.00	25.15
ATOM	284	C	ALA	49	194.960	141.880	174.875	1.00	26.08
ATOM	285	O	ALA	49	194.904	140.700	175.218	1.00	26.46
ATOM	286	N	ASP	50	195.570	142.806	175.605	1.00	26.47
ATOM	287	CA	ASP	50	196.180	142.445	176.881	1.00	26.83
ATOM	288	CB	ASP	50	196.608	143.695	177.650	1.00	25.98
ATOM	289	CG	ASP	50	197.804	144.379	177.024	1.00	25.09
ATOM	290	OD1	ASP	50	198.239	145.418	177.559	1.00	26.47
ATOM	291	OD2	ASP	50	198.309	143.881	175.994	1.00	25.49
ATOM	292	C	ASP	50	195.162	141.660	177.689	1.00	27.65
ATOM	293	O	ASP	50	195.463	140.584	178.212	1.00	28.71
ATOM	294	N	PHE	51	193.953	142.209	177.779	1.00	27.05
ATOM	295	CA	PHE	51	192.855	141.572	178.495	1.00	25.70
ATOM	296	CB	PHE	51	192.633	142.242	179.851	1.00	24.94
ATOM	297	CG	PHE	51	193.834	142.194	180.743	1.00	25.35
ATOM	298	CD1	PHE	51	194.728	143.254	180.776	1.00	25.38
ATOM	299	CD2	PHE	51	194.099	141.069	181.518	1.00	25.98
ATOM	300	CE1	PHE	51	195.874	143.196	181.565	1.00	26.51
ATOM	301	CE2	PHE	51	195.241	141.003	182.309	1.00	25.07
ATOM	302	CZ	PHE	51	196.129	142.069	182.330	1.00	26.49
ATOM	303	C	PHE	51	191.611	141.698	177.636	1.00	24.75
ATOM	304	O	PHE	51	191.273	142.782	177.167	1.00	25.91
ATOM	305	N	TYR	52	190.948	140.573	177.417	1.00	23.16
ATOM	306	CA	TYR	52	189.745	140.525	176.606	1.00	22.66
ATOM	307	CB	TYR	52	189.988	139.591	175.415	1.00	21.58
ATOM	308	CG	TYR	52	188.861	139.498	174.416	1.00	21.47
ATOM	309	CD1	TYR	52	188.564	140.560	173.566	1.00	21.89
ATOM	310	CE1	TYR	52	187.538	140.467	172.632	1.00	21.66
ATOM	311	CD2	TYR	52	188.101	138.335	174.305	1.00	20.07
ATOM	312	CE2	TYR	52	187.074	138.232	173.376	1.00	20.26
ATOM	313	CZ	TYR	52	186.797	139.301	172.544	1.00	22.16
ATOM	314	OH	TYR	52	185.766	139.206	171.637	1.00	22.84
ATOM	315	C	TYR	52	188.666	139.979	177.533	1.00	23.48
ATOM	316	O	TYR	52	188.643	138.787	177.838	1.00	23.13
ATOM	317	N	ILE	53	187.781	140.862	177.987	1.00	23.40
ATOM	318	CA	ILE	53	186.720	140.488	178.917	1.00	23.42
ATOM	319	CB	ILE	53	186.641	141.522	180.064	1.00	23.20
ATOM	320	CG2	ILE	53	185.713	141.028	181.163	1.00	21.95
ATOM	321	CG1	ILE	53	188.051	141.769	180.611	1.00	24.13
ATOM	322	CD1	ILE	53	188.111	142.683	181.806	1.00	26.33
ATOM	323	C	ILE	53	185.343	140.341	178.283	1.00	24.38
ATOM	324	O	ILE	53	184.888	141.213	177.540	1.00	25.15
ATOM	325	N	THR	54	184.684	139.227	178.585	1.00	24.23
ATOM	326	CA	THR	54	183.351	138.949	178.061	1.00	23.55
ATOM	327	CB	THR	54	183.318	137.607	177.298	1.00	23.73
ATOM	328	OG1	THR	54	184.271	137.644	176.229	1.00	25.62
ATOM	329	CG2	THR	54	181.936	137.353	176.714	1.00	23.77
ATOM	330	C	THR	54	182.371	138.887	179.226	1.00	23.04
ATOM	331	O	THR	54	182.074	137.810	179.746	1.00	22.02
ATOM	332	N	PRO	55	181.858	140.047	179.657	1.00	22.60
ATOM	333	CD	PRO	55	182.112	141.399	179.125	1.00	21.12
ATOM	334	CA	PRO	55	180.913	140.076	180.772	1.00	21.88
ATOM	335	CB	PRO	55	180.866	141.545	181.163	1.00	19.89
ATOM	336	CG	PRO	55	181.128	142.257	179.887	1.00	20.42
ATOM	337	C	PRO	55	179.546	139.579	180.346	1.00	22.66

FIG. 4A - 6

FIG. 4A - 6

ATOM	338	O	PRO	55	179.198	139.635	179.167	1.00	22.17
ATOM	339	N	THR	56	178.777	139.088	181.309	1.00	22.09
ATOM	340	CA	THR	56	177.433	138.625	181.024	1.00	23.14
ATOM	341	CB	THR	56	177.231	137.165	181.465	1.00	22.71
ATOM	342	OG1	THR	56	177.583	137.022	182.846	1.00	22.87
ATOM	343	CG2	THR	56	178.097	136.241	180.629	1.00	21.53
ATOM	344	C	THR	56	176.434	139.517	181.758	1.00	24.34
ATOM	345	O	THR	56	175.224	139.352	181.606	1.00	26.45
ATOM	346	N	LYS	57	176.948	140.469	182.541	1.00	23.68
ATOM	347	CA	LYS	57	176.106	141.389	183.311	1.00	24.63
ATOM	348	CB	LYS	57	176.004	140.923	184.760	1.00	24.47
ATOM	349	CG	LYS	57	175.472	139.518	184.910	1.00	29.48
ATOM	350	CD	LYS	57	175.316	139.141	186.364	1.00	33.62
ATOM	351	CE	LYS	57	176.670	138.991	187.006	1.00	37.45
ATOM	352	NZ	LYS	57	176.535	138.846	188.473	1.00	41.27
ATOM	353	C	LYS	57	176.596	142.832	183.308	1.00	24.48
ATOM	354	O	LYS	57	177.785	143.098	183.148	1.00	25.61
ATOM	355	N	ASN	58	175.665	143.761	183.503	1.00	24.02
ATOM	356	CA	ASN	58	175.982	145.182	183.538	1.00	23.14
ATOM	357	CB	ASN	58	174.698	145.999	183.703	1.00	23.03
ATOM	358	CG	ASN	58	173.734	145.821	182.542	1.00	24.26
ATOM	359	OD1	ASN	58	174.055	145.175	181.546	1.00	24.61
ATOM	360	ND2	ASN	58	172.544	146.394	182.668	1.00	24.20
ATOM	361	C	ASN	58	176.935	145.504	184.687	1.00	23.15
ATOM	362	O	ASN	58	177.874	146.287	184.529	1.00	23.56
ATOM	363	N	GLU	59	176.688	144.896	185.844	1.00	22.37
ATOM	364	CA	GLU	59	177.510	145.126	187.026	1.00	22.19
ATOM	365	CB	GLU	59	177.001	144.279	188.192	1.00	22.89
ATOM	366	CG	GLU	59	175.603	144.648	188.645	1.00	26.47
ATOM	367	CD	GLU	59	174.532	143.869	187.909	1.00	31.14
ATOM	368	OE1	GLU	59	174.791	143.435	186.765	1.00	31.25
ATOM	369	OE2	GLU	59	173.432	143.687	188.475	1.00	35.51
ATOM	370	C	GLU	59	178.972	144.807	186.769	1.00	21.38
ATOM	371	O	GLU	59	179.862	145.462	187.308	1.00	20.87
ATOM	372	N	GLU	60	179.215	143.796	185.943	1.00	20.46
ATOM	373	CA	GLU	60	180.575	143.392	185.619	1.00	20.33
ATOM	374	CB	GLU	60	180.559	142.042	184.902	1.00	19.12
ATOM	375	CG	GLU	60	180.356	140.871	185.845	1.00	19.52
ATOM	376	CD	GLU	60	180.101	139.575	185.120	1.00	21.42
ATOM	377	OE1	GLU	60	179.845	139.622	183.902	1.00	23.86
ATOM	378	OE2	GLU	60	180.156	138.508	185.765	1.00	23.41
ATOM	379	C	GLU	60	181.260	144.443	184.757	1.00	20.35
ATOM	380	O	GLU	60	182.456	144.688	184.893	1.00	21.64
ATOM	381	N	VAL	61	180.497	145.065	183.868	1.00	20.90
ATOM	382	CA	VAL	61	181.045	146.096	183.002	1.00	20.81
ATOM	383	CB	VAL	61	180.018	146.548	181.946	1.00	19.94
ATOM	384	CG1	VAL	61	180.529	147.782	181.214	1.00	18.23
ATOM	385	CG2	VAL	61	179.757	145.418	180.965	1.00	18.95
ATOM	386	C	VAL	61	181.415	147.283	183.873	1.00	22.79
ATOM	387	O	VAL	61	182.470	147.885	183.699	1.00	23.98
ATOM	388	N	GLN	62	180.535	147.608	184.816	1.00	23.28
ATOM	389	CA	GLN	62	180.749	148.722	185.734	1.00	23.75
ATOM	390	CB	GLN	62	179.548	148.873	186.669	1.00	23.31
ATOM	391	CG	GLN	62	178.297	149.424	186.023	1.00	23.57
ATOM	392	CD	GLN	62	177.227	149.740	187.042	1.00	24.43
ATOM	393	OE1	GLN	62	176.373	148.906	187.346	1.00	25.47
ATOM	394	NE2	GLN	62	177.270	150.951	187.586	1.00	25.90

FIG. 4A - 7

FIG. 4A - 7

ATOM	395	C	GLN	62	181.999	148.513	186.579	1.00	23.48
ATOM	396	O	GLN	62	182.829	149.407	186.711	1.00	24.45
ATOM	397	N	ALA	63	182.117	147.326	187.163	1.00	23.21
ATOM	398	CA	ALA	63	183.256	146.999	188.008	1.00	23.08
ATOM	399	CB	ALA	63	183.118	145.586	188.539	1.00	21.88
ATOM	400	C	ALA	63	184.570	147.143	187.261	1.00	24.17
ATOM	401	O	ALA	63	185.545	147.658	187.808	1.00	26.16
ATOM	402	N	VAL	64	184.597	146.688	186.012	1.00	24.25
ATOM	403	CA	VAL	64	185.809	146.769	185.206	1.00	23.57
ATOM	404	CB	VAL	64	185.694	145.916	183.921	1.00	22.67
ATOM	405	CG1	VAL	64	186.873	146.201	183.000	1.00	19.87
ATOM	406	CG2	VAL	64	185.657	144.436	184.277	1.00	19.88
ATOM	407	C	VAL	64	186.140	148.203	184.815	1.00	25.38
ATOM	408	O	VAL	64	187.293	148.621	184.899	1.00	27.94
ATOM	409	N	VAL	65	185.134	148.960	184.391	1.00	26.61
ATOM	410	CA	VAL	65	185.354	150.346	183.987	1.00	26.35
ATOM	411	CB	VAL	65	184.088	150.959	183.369	1.00	24.39
ATOM	412	CG1	VAL	65	184.325	152.419	183.048	1.00	22.95
ATOM	413	CG2	VAL	65	183.711	150.196	182.114	1.00	23.28
ATOM	414	C	VAL	65	185.798	151.212	185.157	1.00	27.43
ATOM	415	O	VAL	65	186.693	152.041	185.014	1.00	27.96
ATOM	416	N	LYS	66	185.169	151.023	186.311	1.00	28.37
ATOM	417	CA	LYS	66	185.528	151.792	187.498	1.00	31.01
ATOM	418	CB	LYS	66	184.624	151.406	188.677	1.00	30.16
ATOM	419	CG	LYS	66	185.021	152.037	190.003	1.00	31.06
ATOM	420	CD	LYS	66	183.817	152.284	190.890	1.00	32.82
ATOM	421	CE	LYS	66	184.135	151.991	192.346	1.00	34.63
ATOM	422	NZ	LYS	66	182.909	151.992	193.186	1.00	35.45
ATOM	423	C	LYS	66	186.988	151.510	187.848	1.00	31.91
ATOM	424	O	LYS	66	187.777	152.429	188.072	1.00	32.06
ATOM	425	N	TYR	67	187.340	150.228	187.876	1.00	33.25
ATOM	426	CA	TYR	67	188.696	149.812	188.198	1.00	34.11
ATOM	427	CB	TYR	67	188.814	148.286	188.140	1.00	36.62
ATOM	428	CG	TYR	67	190.246	147.808	188.171	1.00	39.45
ATOM	429	CD1	TYR	67	190.941	147.722	189.376	1.00	39.81
ATOM	430	CE1	TYR	67	192.277	147.342	189.410	1.00	41.02
ATOM	431	CD2	TYR	67	190.925	147.496	186.992	1.00	40.26
ATOM	432	CE2	TYR	67	192.263	147.114	187.014	1.00	41.21
ATOM	433	CZ	TYR	67	192.933	147.041	188.229	1.00	41.81
ATOM	434	OH	TYR	67	194.257	146.670	188.272	1.00	42.60
ATOM	435	C	TYR	67	189.721	150.426	187.254	1.00	33.21
ATOM	436	O	TYR	67	190.741	150.945	187.691	1.00	33.38
ATOM	437	N	ALA	68	189.449	150.354	185.957	1.00	32.90
ATOM	438	CA	ALA	68	190.363	150.894	184.960	1.00	33.67
ATOM	439	CB	ALA	68	189.863	150.558	183.567	1.00	32.97
ATOM	440	C	ALA	68	190.505	152.400	185.120	1.00	34.07
ATOM	441	O	ALA	68	191.594	152.954	184.972	1.00	32.81
ATOM	442	N	TYR	69	189.396	153.061	185.424	1.00	35.16
ATOM	443	CA	TYR	69	189.398	154.504	185.611	1.00	36.20
ATOM	444	CB	TYR	69	187.974	154.988	185.880	1.00	37.11
ATOM	445	CG	TYR	69	187.878	156.461	186.173	1.00	39.32
ATOM	446	CD1	TYR	69	188.020	157.403	185.156	1.00	39.67
ATOM	447	CE1	TYR	69	187.943	158.761	185.423	1.00	41.33
ATOM	448	CD2	TYR	69	187.652	156.917	187.470	1.00	41.12
ATOM	449	CE2	TYR	69	187.572	158.272	187.749	1.00	41.93
ATOM	450	CZ	TYR	69	187.719	159.188	186.723	1.00	42.53
ATOM	451	OH	TYR	69	187.641	160.532	186.999	1.00	45.35

FIG. 4A - 8

ATOM	452	C	TYR	69	190.299	154.870	186.788	1.00	36.45
ATOM	453	O	TYR	69	191.136	155.766	186.698	1.00	35.81
ATOM	454	N	GLN	70	190.123	154.155	187.892	1.00	35.88
ATOM	455	CA	GLN	70	190.905	154.390	189.096	1.00	35.72
ATOM	456	CB	GLN	70	190.458	153.438	190.198	1.00	34.82
ATOM	457	CG	GLN	70	189.197	153.858	190.912	1.00	35.37
ATOM	458	CD	GLN	70	188.576	152.712	191.683	1.00	38.91
ATOM	459	OE1	GLN	70	189.038	151.570	191.601	1.00	40.40
ATOM	460	NE2	GLN	70	187.524	153.008	192.437	1.00	38.97
ATOM	461	C	GLN	70	192.406	154.228	188.891	1.00	36.57
ATOM	462	O	GLN	70	193.198	154.986	189.450	1.00	37.20
ATOM	463	N	ASN	71	192.796	153.235	188.097	1.00	36.33
ATOM	464	CA	ASN	71	194.207	152.967	187.851	1.00	36.54
ATOM	465	CB	ASN	71	194.477	151.477	188.030	1.00	35.46
ATOM	466	CG	ASN	71	193.993	150.961	189.370	1.00	37.54
ATOM	467	OD1	ASN	71	194.757	150.894	190.332	1.00	42.36
ATOM	468	ND2	ASN	71	192.720	150.600	189.442	1.00	36.38
ATOM	469	C	ASN	71	194.685	153.428	186.481	1.00	37.61
ATOM	470	O	ASN	71	195.723	152.985	185.994	1.00	38.28
ATOM	471	N	GLU	72	193.918	154.319	185.865	1.00	39.04
ATOM	472	CA	GLU	72	194.252	154.871	184.558	1.00	40.11
ATOM	473	CB	GLU	72	195.417	155.847	184.692	1.00	45.05
ATOM	474	CG	GLU	72	195.173	156.977	185.669	1.00	52.33
ATOM	475	CD	GLU	72	196.386	157.869	185.828	1.00	56.92
ATOM	476	OE1	GLU	72	196.420	158.947	185.196	1.00	59.82
ATOM	477	OE2	GLU	72	197.308	157.490	186.583	1.00	60.85
ATOM	478	C	GLU	72	194.589	153.854	183.475	1.00	37.93
ATOM	479	O	GLU	72	195.527	154.054	182.709	1.00	38.03
ATOM	480	N	ILE	73	193.831	152.767	183.406	1.00	36.15
ATOM	481	CA	ILE	73	194.066	151.758	182.380	1.00	34.96
ATOM	482	CB	ILE	73	193.831	150.331	182.914	1.00	35.13
ATOM	483	CG2	ILE	73	194.067	149.313	181.803	1.00	35.65
ATOM	484	CG1	ILE	73	194.771	150.055	184.085	1.00	35.63
ATOM	485	CD1	ILE	73	194.281	148.970	185.007	1.00	36.36
ATOM	486	C	ILE	73	193.106	152.010	181.225	1.00	33.43
ATOM	487	O	ILE	73	191.893	152.069	181.414	1.00	34.64
ATOM	488	N	PRO	74	193.635	152.178	180.010	1.00	31.24
ATOM	489	CD	PRO	74	195.053	152.173	179.607	1.00	29.27
ATOM	490	CA	PRO	74	192.726	152.420	178.886	1.00	29.89
ATOM	491	CB	PRO	74	193.661	152.659	177.704	1.00	29.36
ATOM	492	CG	PRO	74	194.979	152.118	178.118	1.00	28.88
ATOM	493	C	PRO	74	191.791	151.242	178.648	1.00	29.28
ATOM	494	O	PRO	74	192.197	150.091	178.791	1.00	30.28
ATOM	495	N	VAL	75	190.542	151.541	178.290	1.00	28.41
ATOM	496	CA	VAL	75	189.532	150.514	178.018	1.00	26.87
ATOM	497	CB	VAL	75	188.361	150.597	179.013	1.00	27.40
ATOM	498	CG1	VAL	75	187.383	149.471	178.733	1.00	25.27
ATOM	499	CG2	VAL	75	188.871	150.512	180.445	1.00	26.72
ATOM	500	C	VAL	75	188.987	150.704	176.608	1.00	26.73
ATOM	501	O	VAL	75	188.681	151.829	176.201	1.00	26.50
ATOM	502	N	THR	76	188.887	149.597	175.870	1.00	25.57
ATOM	503	CA	THR	76	188.406	149.592	174.497	1.00	25.04
ATOM	504	CB	THR	76	189.447	148.971	173.554	1.00	24.30
ATOM	505	OG1	THR	76	190.480	149.931	173.321	1.00	26.31
ATOM	506	CG2	THR	76	188.792	148.557	172.238	1.00	23.39
ATOM	507	C	THR	76	187.135	148.783	174.450	1.00	25.22
ATOM	508	O	THR	76	187.131	147.651	174.882	1.00	24.53

FIG. 4A - 9

FIG. 4A - 9

ATOM	509	N	TYR	77	186.043	149.383	173.978	1.00	23.94
ATOM	510	CA	TYR	77	184.767	148.668	173.898	1.00	23.24
ATOM	511	CB	TYR	77	183.614	149.615	174.189	1.00	20.71
ATOM	512	CG	TYR	77	183.756	150.353	175.494	1.00	21.39
ATOM	513	CD1	TYR	77	183.702	151.742	175.535	1.00	19.31
ATOM	514	CE1	TYR	77	183.872	152.430	176.727	1.00	20.40
ATOM	515	CD2	TYR	77	183.979	149.664	176.688	1.00	21.13
ATOM	516	CE2	TYR	77	184.150	150.352	177.888	1.00	22.05
ATOM	517	CZ	TYR	77	184.099	151.732	177.894	1.00	21.89
ATOM	518	OH	TYR	77	184.310	152.414	179.068	1.00	23.51
ATOM	519	C	TYR	77	184.606	148.085	172.509	1.00	24.36
ATOM	520	O	TYR	77	184.748	148.788	171.507	1.00	26.17
ATOM	521	N	LEU	78	184.272	146.805	172.448	1.00	23.57
ATOM	522	CA	LEU	78	184.138	146.146	171.160	1.00	23.59
ATOM	523	CB	LEU	78	185.323	145.201	170.979	1.00	26.78
ATOM	524	CG	LEU	78	185.993	145.054	169.618	1.00	30.83
ATOM	525	CD1	LEU	78	186.643	146.366	169.228	1.00	32.06
ATOM	526	CD2	LEU	78	187.035	143.940	169.683	1.00	32.08
ATOM	527	C	LEU	78	182.848	145.371	170.914	1.00	22.74
ATOM	528	O	LEU	78	182.273	144.773	171.821	1.00	22.60
ATOM	529	N	GLY	79	182.418	145.383	169.657	1.00	22.35
ATOM	530	CA	GLY	79	181.240	144.650	169.246	1.00	20.32
ATOM	531	C	GLY	79	181.735	143.538	168.334	1.00	21.11
ATOM	532	O	GLY	79	182.584	142.737	168.734	1.00	20.12
ATOM	533	N	ASN	80	181.237	143.496	167.103	1.00	19.99
ATOM	534	CA	ASN	80	181.651	142.468	166.156	1.00	18.80
ATOM	535	CB	ASN	80	180.493	142.119	165.234	1.00	15.57
ATOM	536	CG	ASN	80	179.370	141.438	165.962	1.00	15.24
ATOM	537	OD1	ASN	80	179.449	140.254	166.270	1.00	18.15
ATOM	538	ND2	ASN	80	178.314	142.182	166.248	1.00	16.69
ATOM	539	C	ASN	80	182.859	142.881	165.324	1.00	20.01
ATOM	540	O	ASN	80	183.361	142.096	164.520	1.00	20.92
ATOM	541	N	GLY	81	183.321	144.113	165.514	1.00	20.24
ATOM	542	CA	GLY	81	184.474	144.593	164.774	1.00	21.43
ATOM	543	C	GLY	81	184.226	144.777	163.288	1.00	23.76
ATOM	544	O	GLY	81	185.116	144.538	162.470	1.00	23.93
ATOM	545	N	SER	82	183.021	145.206	162.926	1.00	23.90
ATOM	546	CA	SER	82	182.703	145.416	161.523	1.00	24.30
ATOM	547	CB	SER	82	181.258	144.994	161.229	1.00	22.23
ATOM	548	OG	SER	82	180.320	145.842	161.860	1.00	21.40
ATOM	549	C	SER	82	182.931	146.863	161.090	1.00	25.78
ATOM	550	O	SER	82	182.703	147.206	159.932	1.00	27.34
ATOM	551	N	ASN	83	183.384	147.712	162.009	1.00	25.39
ATOM	552	CA	ASN	83	183.644	149.098	161.652	1.00	26.74
ATOM	553	CB	ASN	83	182.431	149.979	161.942	1.00	29.33
ATOM	554	CG	ASN	83	182.423	151.238	161.094	1.00	32.00
ATOM	555	OD1	ASN	83	182.581	151.176	159.877	1.00	35.65
ATOM	556	ND2	ASN	83	182.247	152.385	161.733	1.00	34.48
ATOM	557	C	ASN	83	184.872	149.722	162.292	1.00	27.53
ATOM	558	O	ASN	83	184.822	150.853	162.777	1.00	27.55
ATOM	559	N	ILE	84	185.970	148.976	162.292	1.00	28.70
ATOM	560	CA	ILE	84	187.252	149.445	162.816	1.00	30.05
ATOM	561	CB	ILE	84	187.407	149.282	164.344	1.00	31.85
ATOM	562	CG2	ILE	84	186.933	150.534	165.063	1.00	31.87
ATOM	563	CG1	ILE	84	186.743	147.980	164.780	1.00	32.79
ATOM	564	CD1	ILE	84	186.218	147.991	166.190	1.00	38.26
ATOM	565	C	ILE	84	188.318	148.559	162.216	1.00	28.35

FIG. 4A - 10

FIG. 4A - 10

ATOM	566	O	ILE	84	188.024	147.536	161.611	1.00	27.43
ATOM	567	N	ILE	85	189.563	148.966	162.394	1.00	27.13
ATOM	568	CA	ILE	85	190.685	148.189	161.925	1.00	24.74
ATOM	569	CB	ILE	85	191.329	148.824	160.687	1.00	25.47
ATOM	570	CG2	ILE	85	192.642	148.119	160.364	1.00	23.51
ATOM	571	CG1	ILE	85	190.369	148.703	159.497	1.00	24.34
ATOM	572	CD1	ILE	85	190.554	149.768	158.438	1.00	25.69
ATOM	573	C	ILE	85	191.635	148.195	163.105	1.00	23.80
ATOM	574	O	ILE	85	192.056	149.253	163.567	1.00	22.55
ATOM	575	N	ILE	86	191.928	147.013	163.627	1.00	23.75
ATOM	576	CA	ILE	86	192.819	146.898	164.766	1.00	24.48
ATOM	577	CB	ILE	86	192.267	145.893	165.801	1.00	23.81
ATOM	578	CG2	ILE	86	193.070	145.980	167.089	1.00	24.06
ATOM	579	CG1	ILE	86	190.798	146.200	166.096	1.00	21.88
ATOM	580	CD1	ILE	86	190.154	145.222	167.062	1.00	20.82
ATOM	581	C	ILE	86	194.190	146.442	164.283	1.00	25.81
ATOM	582	O	ILE	86	194.316	145.392	163.658	1.00	25.21
ATOM	583	N	ARG	87	195.212	147.241	164.575	1.00	27.74
ATOM	584	CA	ARG	87	196.576	146.939	164.161	1.00	28.42
ATOM	585	CB	ARG	87	197.508	148.062	164.598	1.00	27.28
ATOM	586	CG	ARG	87	197.189	149.384	163.926	1.00	28.41
ATOM	587	CD	ARG	87	198.393	150.298	163.905	1.00	31.58
ATOM	588	NE	ARG	87	198.239	151.370	162.931	1.00	34.81
ATOM	589	CZ	ARG	87	197.895	152.612	163.248	1.00	37.84
ATOM	590	NH1	ARG	87	197.669	152.930	164.515	1.00	38.55
ATOM	591	NH2	ARG	87	197.789	153.538	162.305	1.00	37.69
ATOM	592	C	ARG	87	197.085	145.603	164.680	1.00	29.71
ATOM	593	O	ARG	87	196.655	145.116	165.725	1.00	29.55
ATOM	594	N	GLU	88	198.016	145.018	163.936	1.00	30.71
ATOM	595	CA	GLU	88	198.585	143.726	164.282	1.00	32.31
ATOM	596	CB	GLU	88	199.467	143.239	163.129	1.00	33.25
ATOM	597	CG	GLU	88	198.668	142.854	161.888	1.00	38.46
ATOM	598	CD	GLU	88	197.376	142.106	162.225	1.00	41.61
ATOM	599	OE1	GLU	88	197.380	141.326	163.202	1.00	44.03
ATOM	600	OE2	GLU	88	196.359	142.293	161.518	1.00	40.61
ATOM	601	C	GLU	88	199.357	143.705	165.602	1.00	31.64
ATOM	602	O	GLU	88	199.729	142.636	166.091	1.00	31.72
ATOM	603	N	GLY	89	199.594	144.878	166.179	1.00	30.32
ATOM	604	CA	GLY	89	200.301	144.941	167.447	1.00	28.08
ATOM	605	C	GLY	89	199.336	144.681	168.590	1.00	27.89
ATOM	606	O	GLY	89	199.744	144.473	169.736	1.00	27.88
ATOM	607	N	GLY	90	198.043	144.695	168.274	1.00	27.37
ATOM	608	CA	GLY	90	197.027	144.453	169.281	1.00	26.48
ATOM	609	C	GLY	90	196.631	145.711	170.027	1.00	26.32
ATOM	610	O	GLY	90	196.930	146.818	169.584	1.00	26.65
ATOM	611	N	ILE	91	195.961	145.543	171.163	1.00	26.11
ATOM	612	CA	ILE	91	195.518	146.676	171.972	1.00	25.92
ATOM	613	CB	ILE	91	193.974	146.751	172.030	1.00	24.62
ATOM	614	CG2	ILE	91	193.542	147.824	173.017	1.00	22.45
ATOM	615	CG1	ILE	91	193.412	147.060	170.643	1.00	22.49
ATOM	616	CD1	ILE	91	191.908	147.067	170.591	1.00	21.61
ATOM	617	C	ILE	91	196.040	146.610	173.407	1.00	27.23
ATOM	618	O	ILE	91	195.885	145.599	174.094	1.00	28.20
ATOM	619	N	ARG	92	196.659	147.697	173.851	1.00	26.62
ATOM	620	CA	ARG	92	197.187	147.782	175.203	1.00	27.30
ATOM	621	CB	ARG	92	198.218	148.908	175.296	1.00	27.78
ATOM	622	CG	ARG	92	199.538	148.612	174.608	1.00	27.28

FIG. 4A - 11

FIG. 4A - 11

ATOM	623	CD	ARG	92	200.218	147.397	175.216	1.00	30.86
ATOM	624	NE	ARG	92	199.611	146.156	174.736	1.00	32.57
ATOM	625	CZ	ARG	92	199.636	145.760	173.468	1.00	31.04
ATOM	626	NH1	ARG	92	200.238	146.504	172.553	1.00	30.59
ATOM	627	NH2	ARG	92	199.052	144.629	173.108	1.00	29.88
ATOM	628	C	ARG	92	196.042	148.080	176.158	1.00	27.80
ATOM	629	O	ARG	92	195.180	148.900	175.860	1.00	29.92
ATOM	630	N	GLY	93	196.029	147.415	177.305	1.00	27.62
ATOM	631	CA	GLY	93	194.974	147.665	178.268	1.00	27.54
ATOM	632	C	GLY	93	193.856	146.646	178.275	1.00	27.68
ATOM	633	O	GLY	93	194.062	145.478	177.944	1.00	27.53
ATOM	634	N	ILE	94	192.662	147.096	178.648	1.00	26.93
ATOM	635	CA	ILE	94	191.500	146.223	178.725	1.00	26.84
ATOM	636	CB	ILE	94	190.725	146.471	180.026	1.00	26.15
ATOM	637	CG2	ILE	94	189.440	145.663	180.030	1.00	27.04
ATOM	638	CG1	ILE	94	191.591	146.094	181.226	1.00	26.06
ATOM	639	CD1	ILE	94	191.212	146.814	182.503	1.00	25.80
ATOM	640	C	ILE	94	190.523	146.377	177.567	1.00	26.98
ATOM	641	O	ILE	94	190.127	147.488	177.216	1.00	27.87
ATOM	642	N	VAL	95	190.137	145.251	176.977	1.00	26.43
ATOM	643	CA	VAL	95	189.173	145.252	175.886	1.00	24.97
ATOM	644	CB	VAL	95	189.667	144.459	174.654	1.00	24.71
ATOM	645	CG1	VAL	95	188.570	144.412	173.598	1.00	22.13
ATOM	646	CG2	VAL	95	190.915	145.093	174.083	1.00	23.63
ATOM	647	C	VAL	95	187.936	144.547	176.418	1.00	25.02
ATOM	648	O	VAL	95	188.011	143.385	176.813	1.00	24.88
ATOM	649	N	ILE	96	186.808	145.249	176.455	1.00	23.82
ATOM	650	CA	ILE	96	185.571	144.640	176.924	1.00	22.67
ATOM	651	CB	ILE	96	184.780	145.574	177.868	1.00	21.74
ATOM	652	CG2	ILE	96	183.495	144.894	178.303	1.00	19.52
ATOM	653	CG1	ILE	96	185.609	145.909	179.105	1.00	20.88
ATOM	654	CD1	ILE	96	184.920	146.873	180.045	1.00	19.00
ATOM	655	C	ILE	96	184.696	144.334	175.716	1.00	22.33
ATOM	656	O	ILE	96	184.333	145.236	174.967	1.00	22.44
ATOM	657	N	SER	97	184.379	143.059	175.518	1.00	22.08
ATOM	658	CA	SER	97	183.529	142.642	174.409	1.00	21.79
ATOM	659	CB	SER	97	183.960	141.265	173.906	1.00	21.29
ATOM	660	OG	SER	97	183.011	140.715	173.010	1.00	22.88
ATOM	661	C	SER	97	182.111	142.580	174.959	1.00	23.28
ATOM	662	O	SER	97	181.869	141.942	175.985	1.00	24.15
ATOM	663	N	LEU	98	181.173	143.246	174.292	1.00	22.46
ATOM	664	CA	LEU	98	179.790	143.268	174.766	1.00	21.21
ATOM	665	CB	LEU	98	179.164	144.639	174.500	1.00	18.28
ATOM	666	CG	LEU	98	179.742	145.866	175.210	1.00	19.27
ATOM	667	CD1	LEU	98	179.811	145.614	176.705	1.00	17.05
ATOM	668	CD2	LEU	98	181.120	146.175	174.658	1.00	16.52
ATOM	669	C	LEU	98	178.921	142.199	174.123	1.00	20.70
ATOM	670	O	LEU	98	177.713	142.150	174.358	1.00	21.26
ATOM	671	N	LEU	99	179.541	141.334	173.329	1.00	19.62
ATOM	672	CA	LEU	99	178.822	140.288	172.612	1.00	20.23
ATOM	673	CB	LEU	99	179.807	139.505	171.743	1.00	17.15
ATOM	674	CG	LEU	99	180.440	140.356	170.644	1.00	17.36
ATOM	675	CD1	LEU	99	181.166	139.464	169.646	1.00	18.38
ATOM	676	CD2	LEU	99	179.357	141.156	169.947	1.00	16.53
ATOM	677	C	LEU	99	177.961	139.316	173.410	1.00	21.16
ATOM	678	O	LEU	99	177.123	138.625	172.833	1.00	23.43
ATOM	679	N	SER	100	178.152	139.247	174.722	1.00	19.24

FIG. 4A - 12

ATOM	680	CA	SER	100	177.340	138.324	175.518	1.00	19.50
ATOM	681	CB	SER	100	178.157	137.719	176.651	1.00	19.05
ATOM	682	OG	SER	100	178.711	136.477	176.245	1.00	21.06
ATOM	683	C	SER	100	176.095	138.997	176.083	1.00	19.80
ATOM	684	O	SER	100	175.180	138.319	176.537	1.00	20.77
ATOM	685	N	LEU	101	176.084	140.317	176.080	1.00	18.90
ATOM	686	CA	LEU	101	174.913	141.045	176.564	1.00	19.65
ATOM	687	CB	LEU	101	175.263	142.498	176.851	1.00	16.22
ATOM	688	CG	LEU	101	176.386	142.669	177.857	1.00	15.48
ATOM	689	CD1	LEU	101	176.511	144.090	178.377	1.00	16.79
ATOM	690	CD2	LEU	101	176.126	141.735	179.017	1.00	13.64
ATOM	691	C	LEU	101	173.978	140.940	175.362	1.00	21.11
ATOM	692	O	LEU	101	173.766	141.922	174.659	1.00	20.29
ATOM	693	N	ASP	102	173.422	139.737	175.123	1.00	22.71
ATOM	694	CA	ASP	102	172.565	139.532	173.952	1.00	22.86
ATOM	695	CB	ASP	102	173.119	138.364	173.141	1.00	24.01
ATOM	696	CG	ASP	102	172.796	137.005	173.715	1.00	28.13
ATOM	697	OD1	ASP	102	173.160	136.004	173.084	1.00	32.63
ATOM	698	OD2	ASP	102	172.187	136.906	174.775	1.00	33.07
ATOM	699	C	ASP	102	171.039	139.465	173.991	1.00	21.60
ATOM	700	O	ASP	102	170.411	139.335	172.933	1.00	20.85
ATOM	701	N	HIS	103	170.416	139.686	175.151	1.00	21.98
ATOM	702	CA	HIS	103	168.952	139.614	175.210	1.00	22.94
ATOM	703	CB	HIS	103	168.441	139.963	176.605	1.00	24.19
ATOM	704	CG	HIS	103	168.539	141.421	176.932	1.00	28.16
ATOM	705	CD2	HIS	103	167.610	142.411	176.946	1.00	28.53
ATOM	706	ND1	HIS	103	169.723	142.002	177.329	1.00	29.74
ATOM	707	CE1	HIS	103	169.523	143.285	177.572	1.00	29.81
ATOM	708	NE2	HIS	103	168.250	143.559	177.348	1.00	28.05
ATOM	709	C	HIS	103	168.214	140.510	174.216	1.00	22.82
ATOM	710	O	HIS	103	168.733	141.545	173.815	1.00	22.45
ATOM	711	N	ILE	104	166.996	140.104	173.843	1.00	22.72
ATOM	712	CA	ILE	104	166.099	140.847	172.949	1.00	22.69
ATOM	713	CB	ILE	104	166.157	140.370	171.485	1.00	22.71
ATOM	714	CG2	ILE	104	165.213	141.209	170.626	1.00	20.31
ATOM	715	CG1	ILE	104	167.582	140.470	170.950	1.00	21.60
ATOM	716	CD1	ILE	104	167.715	139.981	169.525	1.00	19.81
ATOM	717	C	ILE	104	164.726	140.470	173.484	1.00	23.10
ATOM	718	O	ILE	104	164.371	139.291	173.487	1.00	20.75
ATOM	719	N	GLU	105	163.968	141.450	173.960	1.00	23.51
ATOM	720	CA	GLU	105	162.647	141.177	174.505	1.00	25.25
ATOM	721	CB	GLU	105	162.687	141.257	176.031	1.00	28.35
ATOM	722	CG	GLU	105	163.448	140.111	176.672	1.00	36.37
ATOM	723	CD	GLU	105	162.767	138.775	176.443	1.00	41.87
ATOM	724	OE1	GLU	105	161.522	138.728	176.545	1.00	46.70
ATOM	725	OE2	GLU	105	163.467	137.776	176.159	1.00	41.11
ATOM	726	C	GLU	105	161.639	142.169	173.954	1.00	24.44
ATOM	727	O	GLU	105	161.947	143.348	173.786	1.00	23.87
ATOM	728	N	VAL	106	160.433	141.687	173.671	1.00	24.48
ATOM	729	CA	VAL	106	159.386	142.536	173.122	1.00	23.88
ATOM	730	CB	VAL	106	158.906	142.001	171.759	1.00	23.49
ATOM	731	CG1	VAL	106	157.885	142.947	171.160	1.00	22.76
ATOM	732	CG2	VAL	106	160.085	141.839	170.823	1.00	21.17
ATOM	733	C	VAL	106	158.178	142.659	174.043	1.00	24.64
ATOM	734	O	VAL	106	157.787	141.703	174.710	1.00	25.47
ATOM	735	N	SER	107	157.600	143.854	174.080	1.00	24.24
ATOM	736	CA	SER	107	156.416	144.123	174.889	1.00	23.57

FIG. 4A -13

FIG. 4A -13

FIG. 4A - 14

ATOM	794	CA	GLY	116	175.778	142.654	172.129	1.00	18.28
ATOM	795	C	GLY	116	174.942	141.957	171.074	1.00	17.71
ATOM	796	O	GLY	116	175.461	141.241	170.221	1.00	18.17
ATOM	797	N	ALA	117	173.635	142.161	171.128	1.00	17.67
ATOM	798	CA	ALA	117	172.750	141.535	170.165	1.00	18.78
ATOM	799	CB	ALA	117	171.301	141.760	170.564	1.00	17.27
ATOM	800	C	ALA	117	172.997	142.093	168.773	1.00	19.95
ATOM	801	O	ALA	117	173.256	143.287	168.605	1.00	19.43
ATOM	802	N	ALA	118	172.922	141.221	167.776	1.00	19.62
ATOM	803	CA	ALA	118	173.114	141.636	166.401	1.00	18.85
ATOM	804	CB	ALA	118	173.279	140.417	165.518	1.00	16.94
ATOM	805	C	ALA	118	171.876	142.424	165.985	1.00	19.20
ATOM	806	O	ALA	118	170.750	141.965	166.180	1.00	19.45
ATOM	807	N	ILE	119	172.074	143.605	165.411	1.00	19.26
ATOM	808	CA	ILE	119	170.944	144.420	164.982	1.00	19.68
ATOM	809	CB	ILE	119	171.415	145.786	164.402	1.00	19.28
ATOM	810	CG2	ILE	119	172.103	145.591	163.065	1.00	16.78
ATOM	811	CG1	ILE	119	170.220	146.726	164.259	1.00	20.00
ATOM	812	CD1	ILE	119	170.605	148.174	164.133	1.00	20.63
ATOM	813	C	ILE	119	170.093	143.674	163.950	1.00	18.91
ATOM	814	O	ILE	119	168.892	143.911	163.844	1.00	18.72
ATOM	815	N	ILE	120	170.714	142.766	163.201	1.00	18.03
ATOM	816	CA	ILE	120	169.996	141.984	162.201	1.00	16.99
ATOM	817	CB	ILE	120	170.972	141.153	161.327	1.00	16.61
ATOM	818	CG2	ILE	120	170.251	139.967	160.698	1.00	13.57
ATOM	819	CG1	ILE	120	171.561	142.036	160.224	1.00	16.84
ATOM	820	CD1	ILE	120	172.707	141.404	159.460	1.00	12.97
ATOM	821	C	ILE	120	169.047	141.046	162.937	1.00	18.83
ATOM	822	O	ILE	120	167.956	140.744	162.457	1.00	19.15
ATOM	823	N	ASP	121	169.466	140.593	164.112	1.00	19.19
ATOM	824	CA	ASP	121	168.644	139.698	164.913	1.00	20.34
ATOM	825	CB	ASP	121	169.469	139.098	166.056	1.00	20.20
ATOM	826	CG	ASP	121	170.351	137.943	165.603	1.00	20.77
ATOM	827	OD1	ASP	121	171.126	137.430	166.434	1.00	21.97
ATOM	828	OD2	ASP	121	170.274	137.547	164.425	1.00	21.92
ATOM	829	C	ASP	121	167.458	140.479	165.478	1.00	20.77
ATOM	830	O	ASP	121	166.347	139.957	165.575	1.00	21.07
ATOM	831	N	VAL	122	167.700	141.731	165.854	1.00	20.22
ATOM	832	CA	VAL	122	166.642	142.572	166.402	1.00	20.06
ATOM	833	CB	VAL	122	167.210	143.873	167.006	1.00	18.18
ATOM	834	CG1	VAL	122	166.108	144.648	167.702	1.00	15.98
ATOM	835	CG2	VAL	122	168.310	143.545	167.987	1.00	16.47
ATOM	836	C	VAL	122	165.675	142.920	165.280	1.00	20.07
ATOM	837	O	VAL	122	164.461	142.941	165.471	1.00	20.32
ATOM	838	N	SER	123	166.224	143.188	164.103	1.00	18.21
ATOM	839	CA	SER	123	165.406	143.511	162.947	1.00	19.17
ATOM	840	CB	SER	123	166.302	143.817	161.751	1.00	18.64
ATOM	841	OG	SER	123	165.567	143.770	160.545	1.00	19.41
ATOM	842	C	SER	123	164.496	142.327	162.626	1.00	19.73
ATOM	843	O	SER	123	163.345	142.500	162.229	1.00	19.63
ATOM	844	N	ARG	124	165.023	141.122	162.812	1.00	20.21
ATOM	845	CA	ARG	124	164.274	139.902	162.550	1.00	19.02
ATOM	846	CB	ARG	124	165.234	138.717	162.432	1.00	17.61
ATOM	847	CG	ARG	124	165.785	138.531	161.032	1.00	18.34
ATOM	848	CD	ARG	124	166.937	137.540	160.982	1.00	18.68
ATOM	849	NE	ARG	124	167.685	137.689	159.737	1.00	22.31
ATOM	850	CZ	ARG	124	168.805	137.039	159.440	1.00	23.20

FIG. 4A - 15

REF ID: A66666

ATOM	851	NH1	ARG	124	169.334	136.180	160.299	1.00	23.30
ATOM	852	NH2	ARG	124	169.409	137.263	158.281	1.00	23.65
ATOM	853	C	ARG	124	163.241	139.627	163.636	1.00	19.34
ATOM	854	O	ARG	124	162.241	138.958	163.387	1.00	20.99
ATOM	855	N	VAL	125	163.487	140.126	164.844	1.00	18.82
ATOM	856	CA	VAL	125	162.544	139.937	165.941	1.00	17.81
ATOM	857	CB	VAL	125	163.186	140.264	167.313	1.00	16.05
ATOM	858	CG1	VAL	125	162.110	140.552	168.347	1.00	14.45
ATOM	859	CG2	VAL	125	164.028	139.096	167.780	1.00	13.40
ATOM	860	C	VAL	125	161.376	140.883	165.687	1.00	19.62
ATOM	861	O	VAL	125	160.217	140.542	165.922	1.00	20.29
ATOM	862	N	ALA	126	161.693	142.074	165.194	1.00	19.75
ATOM	863	CA	ALA	126	160.675	143.067	164.886	1.00	21.04
ATOM	864	CB	ALA	126	161.318	144.301	164.273	1.00	18.04
ATOM	865	C	ALA	126	159.666	142.469	163.913	1.00	21.88
ATOM	866	O	ALA	126	158.456	142.606	164.098	1.00	22.73
ATOM	867	N	ARG	127	160.167	141.802	162.877	1.00	21.00
ATOM	868	CA	ARG	127	159.294	141.192	161.883	1.00	19.02
ATOM	869	CB	ARG	127	160.111	140.657	160.708	1.00	17.07
ATOM	870	CG	ARG	127	159.299	139.767	159.778	1.00	18.34
ATOM	871	CD	ARG	127	159.597	138.301	160.041	1.00	20.59
ATOM	872	NE	ARG	127	160.662	137.869	159.149	1.00	25.26
ATOM	873	CZ	ARG	127	161.776	137.261	159.531	1.00	21.54
ATOM	874	NH1	ARG	127	162.667	136.925	158.613	1.00	25.80
ATOM	875	NH2	ARG	127	161.995	136.972	160.807	1.00	21.15
ATOM	876	C	ARG	127	158.479	140.059	162.483	1.00	18.82
ATOM	877	O	ARG	127	157.296	139.905	162.186	1.00	20.09
ATOM	878	N	ASP	128	159.121	139.257	163.321	1.00	18.74
ATOM	879	CA	ASP	128	158.449	138.141	163.961	1.00	17.56
ATOM	880	CB	ASP	128	159.393	137.463	164.949	1.00	17.55
ATOM	881	CG	ASP	128	160.426	136.594	164.269	1.00	18.99
ATOM	882	OD1	ASP	128	161.462	136.310	164.902	1.00	21.64
ATOM	883	OD2	ASP	128	160.208	136.192	163.108	1.00	21.51
ATOM	884	C	ASP	128	157.212	138.625	164.709	1.00	19.71
ATOM	885	O	ASP	128	156.263	137.866	164.911	1.00	21.18
ATOM	886	N	TYR	129	157.232	139.890	165.123	1.00	19.49
ATOM	887	CA	TYR	129	156.125	140.480	165.869	1.00	18.58
ATOM	888	CB	TYR	129	156.662	141.184	167.115	1.00	20.31
ATOM	889	CG	TYR	129	157.048	140.216	168.208	1.00	22.09
ATOM	890	CD1	TYR	129	158.314	139.633	168.235	1.00	21.66
ATOM	891	CE1	TYR	129	158.658	138.707	169.213	1.00	21.62
ATOM	892	CD2	TYR	129	156.133	139.849	169.193	1.00	23.78
ATOM	893	CE2	TYR	129	156.467	138.924	170.177	1.00	23.90
ATOM	894	CZ	TYR	129	157.730	138.359	170.181	1.00	24.14
ATOM	895	OH	TYR	129	158.058	137.451	171.159	1.00	26.35
ATOM	896	C	TYR	129	155.314	141.451	165.032	1.00	17.88
ATOM	897	O	TYR	129	154.502	142.209	165.553	1.00	17.35
ATOM	898	N	ALA	130	155.542	141.420	163.726	1.00	18.06
ATOM	899	CA	ALA	130	154.823	142.283	162.800	1.00	17.32
ATOM	900	CB	ALA	130	153.359	141.878	162.744	1.00	14.09
ATOM	901	C	ALA	130	154.941	143.747	163.174	1.00	17.83
ATOM	902	O	ALA	130	153.954	144.481	163.154	1.00	18.57
ATOM	903	N	LEU	131	156.152	144.164	163.527	1.00	18.15
ATOM	904	CA	LEU	131	156.413	145.552	163.884	1.00	16.75
ATOM	905	CB	LEU	131	157.154	145.630	165.217	1.00	15.25
ATOM	906	CG	LEU	131	156.353	145.229	166.454	1.00	15.73
ATOM	907	CD1	LEU	131	157.269	145.195	167.666	1.00	14.72

FIG. 4A - 16

FIG. 4A - 16

ATOM	908	CD2	LEU	131	155.228	146.220	166.670	1.00	12.48
ATOM	909	C	LEU	131	157.280	146.123	162.772	1.00	16.92
ATOM	910	O	LEU	131	158.291	145.527	162.412	1.00	17.26
ATOM	911	N	THR	132	156.884	147.265	162.220	1.00	16.03
ATOM	912	CA	THR	132	157.638	147.881	161.135	1.00	16.11
ATOM	913	CB	THR	132	156.685	148.435	160.047	1.00	15.76
ATOM	914	OG1	THR	132	157.446	148.944	158.945	1.00	15.92
ATOM	915	CG2	THR	132	155.818	149.539	160.612	1.00	16.02
ATOM	916	C	THR	132	158.520	149.001	161.665	1.00	17.34
ATOM	917	O	THR	132	158.172	149.666	162.640	1.00	19.13
ATOM	918	N	GLY	133	159.676	149.196	161.038	1.00	18.19
ATOM	919	CA	GLY	133	160.570	150.248	161.481	1.00	17.67
ATOM	920	C	GLY	133	162.036	149.867	161.556	1.00	19.44
ATOM	921	O	GLY	133	162.890	150.741	161.704	1.00	20.71
ATOM	922	N	LEU	134	162.344	148.576	161.461	1.00	18.79
ATOM	923	CA	LEU	134	163.738	148.137	161.519	1.00	17.75
ATOM	924	CB	LEU	134	164.009	147.363	162.816	1.00	15.33
ATOM	925	CG	LEU	134	164.203	148.217	164.071	1.00	14.91
ATOM	926	CD1	LEU	134	164.246	147.340	165.306	1.00	12.47
ATOM	927	CD2	LEU	134	165.481	149.012	163.947	1.00	15.14
ATOM	928	C	LEU	134	164.134	147.283	160.317	1.00	18.03
ATOM	929	O	LEU	134	165.173	146.627	160.329	1.00	19.51
ATOM	930	N	GLU	135	163.307	147.295	159.277	1.00	17.89
ATOM	931	CA	GLU	135	163.600	146.528	158.072	1.00	17.97
ATOM	932	CB	GLU	135	162.472	146.680	157.044	1.00	16.62
ATOM	933	CG	GLU	135	161.105	146.184	157.505	1.00	18.54
ATOM	934	CD	GLU	135	160.237	147.301	158.061	1.00	20.00
ATOM	935	OE1	GLU	135	160.793	148.218	158.699	1.00	20.46
ATOM	936	OE2	GLU	135	159.003	147.265	157.862	1.00	21.36
ATOM	937	C	GLU	135	164.901	147.030	157.458	1.00	18.50
ATOM	938	O	GLU	135	165.678	146.254	156.906	1.00	19.90
ATOM	939	N	PHE	136	165.135	148.332	157.567	1.00	19.25
ATOM	940	CA	PHE	136	166.335	148.948	157.009	1.00	20.20
ATOM	941	CB	PHE	136	166.333	150.457	157.283	1.00	19.52
ATOM	942	CG	PHE	136	166.737	150.822	158.690	1.00	20.57
ATOM	943	CD1	PHE	136	168.081	150.955	159.032	1.00	21.54
ATOM	944	CD2	PHE	136	165.777	151.008	159.679	1.00	17.43
ATOM	945	CE1	PHE	136	168.462	151.270	160.336	1.00	21.07
ATOM	946	CE2	PHE	136	166.148	151.321	160.983	1.00	18.05
ATOM	947	CZ	PHE	136	167.496	151.450	161.313	1.00	19.98
ATOM	948	C	PHE	136	167.602	148.340	157.582	1.00	20.66
ATOM	949	O	PHE	136	168.668	148.427	156.974	1.00	21.25
ATOM	950	N	ALA	137	167.483	147.727	158.754	1.00	20.11
ATOM	951	CA	ALA	137	168.634	147.129	159.415	1.00	19.36
ATOM	952	CB	ALA	137	168.569	147.414	160.916	1.00	17.12
ATOM	953	C	ALA	137	168.784	145.632	159.183	1.00	20.18
ATOM	954	O	ALA	137	169.656	145.000	159.780	1.00	20.88
ATOM	955	N	CYS	138	167.964	145.059	158.308	1.00	19.71
ATOM	956	CA	CYS	138	168.034	143.621	158.067	1.00	19.71
ATOM	957	CB	CYS	138	166.897	143.184	157.144	1.00	19.52
ATOM	958	SG	CYS	138	166.971	143.834	155.468	1.00	17.96
ATOM	959	C	CYS	138	169.366	143.131	157.509	1.00	20.76
ATOM	960	O	CYS	138	169.648	141.931	157.524	1.00	21.13
ATOM	961	N	GLY	139	170.195	144.053	157.034	1.00	21.31
ATOM	962	CA	GLY	139	171.469	143.648	156.473	1.00	19.88
ATOM	963	C	GLY	139	172.675	144.377	157.025	1.00	20.92
ATOM	964	O	GLY	139	173.773	144.226	156.498	1.00	22.08

FIG. 4A - 17

FIG. 4A - 17

ATOM	965	N	ILE	140	172.482	145.172	158.072	1.00	20.37
ATOM	966	CA	ILE	140	173.587	145.906	158.683	1.00	20.22
ATOM	967	CB	ILE	140	173.078	147.135	159.472	1.00	19.51
ATOM	968	CG2	ILE	140	174.236	147.818	160.190	1.00	17.75
ATOM	969	CG1	ILE	140	172.401	148.125	158.525	1.00	19.17
ATOM	970	CD1	ILE	140	171.682	149.241	159.244	1.00	17.44
ATOM	971	C	ILE	140	174.330	144.981	159.648	1.00	20.60
ATOM	972	O	ILE	140	173.760	144.504	160.627	1.00	20.85
ATOM	973	N	PRO	141	175.616	144.714	159.385	1.00	19.60
ATOM	974	CD	PRO	141	176.453	145.181	158.271	1.00	17.26
ATOM	975	CA	PRO	141	176.365	143.832	160.282	1.00	20.38
ATOM	976	CB	PRO	141	177.672	143.566	159.524	1.00	18.35
ATOM	977	CG	PRO	141	177.441	144.074	158.134	1.00	16.54
ATOM	978	C	PRO	141	176.619	144.483	161.637	1.00	20.15
ATOM	979	O	PRO	141	176.380	145.673	161.820	1.00	20.55
ATOM	980	N	GLY	142	177.089	143.692	162.592	1.00	20.02
ATOM	981	CA	GLY	142	177.398	144.245	163.895	1.00	18.78
ATOM	982	C	GLY	142	176.340	144.165	164.973	1.00	18.41
ATOM	983	O	GLY	142	175.252	143.633	164.773	1.00	17.85
ATOM	984	N	SER	143	176.680	144.733	166.125	1.00	17.82
ATOM	985	CA	SER	143	175.822	144.731	167.296	1.00	18.78
ATOM	986	CB	SER	143	176.680	144.513	168.530	1.00	17.63
ATOM	987	OG	SER	143	177.679	145.514	168.587	1.00	18.95
ATOM	988	C	SER	143	175.016	146.006	167.491	1.00	18.79
ATOM	989	O	SER	143	175.231	147.007	166.812	1.00	19.34
ATOM	990	N	ILE	144	174.093	145.954	168.444	1.00	18.20
ATOM	991	CA	ILE	144	173.253	147.091	168.765	1.00	18.59
ATOM	992	CB	ILE	144	172.166	146.690	169.800	1.00	18.07
ATOM	993	CG2	ILE	144	171.674	147.910	170.565	1.00	17.74
ATOM	994	CG1	ILE	144	170.994	146.016	169.083	1.00	16.11
ATOM	995	CD1	ILE	144	170.220	146.939	168.167	1.00	15.65
ATOM	996	C	ILE	144	174.122	148.213	169.332	1.00	19.49
ATOM	997	O	ILE	144	173.910	149.388	169.032	1.00	21.15
ATOM	998	N	GLY	145	175.103	147.847	170.150	1.00	19.55
ATOM	999	CA	GLY	145	175.977	148.846	170.743	1.00	18.89
ATOM	1000	C	GLY	145	176.731	149.627	169.687	1.00	19.57
ATOM	1001	O	GLY	145	176.911	150.840	169.795	1.00	18.14
ATOM	1002	N	GLY	146	177.177	148.924	168.654	1.00	20.17
ATOM	1003	CA	GLY	146	177.905	149.580	167.588	1.00	19.61
ATOM	1004	C	GLY	146	176.978	150.420	166.738	1.00	20.39
ATOM	1005	O	GLY	146	177.370	151.477	166.244	1.00	21.56
ATOM	1006	N	ALA	147	175.744	149.953	166.568	1.00	19.55
ATOM	1007	CA	ALA	147	174.760	150.670	165.767	1.00	19.45
ATOM	1008	CB	ALA	147	173.498	149.827	165.601	1.00	19.57
ATOM	1009	C	ALA	147	174.422	151.994	166.433	1.00	19.91
ATOM	1010	O	ALA	147	174.279	153.017	165.769	1.00	21.64
ATOM	1011	N	VAL	148	174.290	151.971	167.751	1.00	18.15
ATOM	1012	CA	VAL	148	173.980	153.183	168.490	1.00	18.50
ATOM	1013	CB	VAL	148	173.719	152.872	169.977	1.00	16.40
ATOM	1014	CG1	VAL	148	173.533	154.162	170.752	1.00	16.21
ATOM	1015	CG2	VAL	148	172.496	151.985	170.115	1.00	14.12
ATOM	1016	C	VAL	148	175.164	154.139	168.384	1.00	20.05
ATOM	1017	O	VAL	148	174.997	155.329	168.138	1.00	22.02
ATOM	1018	N	TYR	149	176.365	153.602	168.564	1.00	20.68
ATOM	1019	CA	TYR	149	177.587	154.392	168.502	1.00	20.75
ATOM	1020	CB	TYR	149	178.799	153.461	168.653	1.00	20.36
ATOM	1021	CG	TYR	149	180.153	154.135	168.539	1.00	20.56

FIG. 4A - 18

FIG. 4A - 18

ATOM	1022	CD1	TYR	149	180.872	154.504	169.677	1.00	20.58
ATOM	1023	CE1	TYR	149	182.133	155.092	169.571	1.00	21.00
ATOM	1024	CD2	TYR	149	180.730	154.374	167.292	1.00	20.95
ATOM	1025	CE2	TYR	149	181.985	154.959	167.175	1.00	19.37
ATOM	1026	CZ	TYR	149	182.680	155.314	168.313	1.00	22.18
ATOM	1027	OH	TYR	149	183.921	155.891	168.182	1.00	23.46
ATOM	1028	C	TYR	149	177.693	155.190	167.204	1.00	20.41
ATOM	1029	O	TYR	149	178.114	156.347	167.211	1.00	18.78
ATOM	1030	N	MET	150	177.296	154.568	166.098	1.00	20.71
ATOM	1031	CA	MET	150	177.370	155.188	164.775	1.00	21.46
ATOM	1032	CB	MET	150	177.965	154.198	163.763	1.00	21.73
ATOM	1033	CG	MET	150	179.280	153.560	164.167	1.00	20.73
ATOM	1034	SD	MET	150	180.667	154.567	163.689	1.00	12.78
ATOM	1035	CE	MET	150	180.320	154.843	162.031	1.00	16.09
ATOM	1036	C	MET	150	176.028	155.638	164.219	1.00	21.88
ATOM	1037	O	MET	150	175.971	156.160	163.106	1.00	22.27
ATOM	1038	N	ASN	151	174.957	155.449	164.983	1.00	20.86
ATOM	1039	CA	ASN	151	173.622	155.775	164.495	1.00	19.82
ATOM	1040	CB	ASN	151	173.422	157.280	164.311	1.00	19.88
ATOM	1041	CG	ASN	151	172.004	157.623	163.870	1.00	21.85
ATOM	1042	OD1	ASN	151	171.052	156.923	164.220	1.00	20.62
ATOM	1043	ND2	ASN	151	171.858	158.695	163.094	1.00	20.29
ATOM	1044	C	ASN	151	173.528	155.080	163.146	1.00	18.51
ATOM	1045	O	ASN	151	173.183	155.688	162.139	1.00	18.59
ATOM	1046	N	ALA	152	173.872	153.798	163.140	1.00	19.24
ATOM	1047	CA	ALA	152	173.849	152.994	161.932	1.00	19.13
ATOM	1048	CB	ALA	152	173.949	151.525	162.293	1.00	18.73
ATOM	1049	C	ALA	152	172.579	153.254	161.141	1.00	19.84
ATOM	1050	O	ALA	152	171.495	153.345	161.709	1.00	19.91
ATOM	1051	N	GLY	153	172.717	153.379	159.828	1.00	19.38
ATOM	1052	CA	GLY	153	171.559	153.630	158.995	1.00	18.89
ATOM	1053	C	GLY	153	171.760	153.076	157.604	1.00	20.29
ATOM	1054	O	GLY	153	172.895	152.855	157.175	1.00	19.10
ATOM	1055	N	ALA	154	170.656	152.846	156.902	1.00	20.29
ATOM	1056	CA	ALA	154	170.708	152.316	155.551	1.00	19.64
ATOM	1057	CB	ALA	154	171.149	150.874	155.580	1.00	16.43
ATOM	1058	C	ALA	154	169.351	152.425	154.883	1.00	20.98
ATOM	1059	O	ALA	154	168.320	152.267	155.530	1.00	22.64
ATOM	1060	N	TYR	155	169.364	152.707	153.584	1.00	21.32
ATOM	1061	CA	TYR	155	168.150	152.818	152.782	1.00	19.64
ATOM	1062	CB	TYR	155	167.595	151.421	152.513	1.00	18.08
ATOM	1063	CG	TYR	155	168.631	150.513	151.902	1.00	20.69
ATOM	1064	CD1	TYR	155	169.076	149.377	152.574	1.00	22.26
ATOM	1065	CE1	TYR	155	170.087	148.580	152.047	1.00	22.62
ATOM	1066	CD2	TYR	155	169.220	150.828	150.675	1.00	23.05
ATOM	1067	CE2	TYR	155	170.232	150.037	150.138	1.00	23.89
ATOM	1068	CZ	TYR	155	170.661	148.917	150.832	1.00	25.02
ATOM	1069	OH	TYR	155	171.677	148.145	150.315	1.00	29.32
ATOM	1070	C	TYR	155	167.063	153.712	153.354	1.00	19.26
ATOM	1071	O	TYR	155	165.882	153.366	153.315	1.00	18.83
ATOM	1072	N	GLY	156	167.468	154.864	153.878	1.00	19.09
ATOM	1073	CA	GLY	156	166.512	155.806	154.430	1.00	20.07
ATOM	1074	C	GLY	156	166.189	155.638	155.900	1.00	20.19
ATOM	1075	O	GLY	156	165.548	156.502	156.495	1.00	20.44
ATOM	1076	N	GLY	157	166.623	154.529	156.488	1.00	20.29
ATOM	1077	CA	GLY	157	166.359	154.292	157.896	1.00	20.16
ATOM	1078	C	GLY	157	167.573	154.562	158.765	1.00	21.36

FIG. 4A - 19

1072272538US

ATOM	1079	O	GLY	157	168.705	154.512	158.291	1.00	21.94
ATOM	1080	N	GLU	158	167.334	154.839	160.043	1.00	22.58
ATOM	1081	CA	GLU	158	168.400	155.129	160.996	1.00	24.00
ATOM	1082	CB	GLU	158	168.633	156.641	161.086	1.00	25.77
ATOM	1083	CG	GLU	158	169.433	157.255	159.962	1.00	31.67
ATOM	1084	CD	GLU	158	169.939	158.644	160.316	1.00	35.40
ATOM	1085	OE1	GLU	158	169.260	159.338	161.107	1.00	34.66
ATOM	1086	OE2	GLU	158	171.016	159.035	159.806	1.00	35.81
ATOM	1087	C	GLU	158	167.999	154.630	162.382	1.00	24.01
ATOM	1088	O	GLU	158	166.820	154.617	162.727	1.00	24.45
ATOM	1089	N	VAL	159	168.982	154.231	163.180	1.00	23.09
ATOM	1090	CA	VAL	159	168.713	153.774	164.536	1.00	20.95
ATOM	1091	CB	VAL	159	170.033	153.565	165.304	1.00	18.88
ATOM	1092	CG1	VAL	159	169.825	153.798	166.786	1.00	16.38
ATOM	1093	CG2	VAL	159	170.556	152.168	165.055	1.00	18.33
ATOM	1094	C	VAL	159	167.898	154.868	165.226	1.00	21.17
ATOM	1095	O	VAL	159	167.023	154.604	166.044	1.00	21.38
ATOM	1096	N	LYS	160	168.195	156.107	164.862	1.00	21.90
ATOM	1097	CA	LYS	160	167.530	157.271	165.424	1.00	22.40
ATOM	1098	CB	LYS	160	168.194	158.536	164.888	1.00	23.49
ATOM	1099	CG	LYS	160	167.686	159.809	165.516	1.00	26.04
ATOM	1100	CD	LYS	160	168.129	161.018	164.721	1.00	29.43
ATOM	1101	CE	LYS	160	168.208	162.247	165.611	1.00	32.06
ATOM	1102	NZ	LYS	160	167.375	163.358	165.076	1.00	33.62
ATOM	1103	C	LYS	160	166.024	157.353	165.181	1.00	21.95
ATOM	1104	O	LYS	160	165.313	157.983	165.961	1.00	23.43
ATOM	1105	N	ASP	161	165.534	156.735	164.110	1.00	20.68
ATOM	1106	CA	ASP	161	164.105	156.775	163.799	1.00	20.09
ATOM	1107	CB	ASP	161	163.784	155.955	162.539	1.00	18.84
ATOM	1108	CG	ASP	161	164.484	156.462	161.302	1.00	19.98
ATOM	1109	OD1	ASP	161	164.990	157.597	161.327	1.00	19.67
ATOM	1110	OD2	ASP	161	164.524	155.717	160.298	1.00	21.08
ATOM	1111	C	ASP	161	163.233	156.210	164.914	1.00	21.66
ATOM	1112	O	ASP	161	162.190	156.770	165.247	1.00	22.02
ATOM	1113	N	CYS	162	163.673	155.099	165.493	1.00	22.80
ATOM	1114	CA	CYS	162	162.880	154.401	166.495	1.00	25.05
ATOM	1115	CB	CYS	162	162.506	153.033	165.924	1.00	28.11
ATOM	1116	SG	CYS	162	163.935	152.210	165.152	1.00	38.25
ATOM	1117	C	CYS	162	163.445	154.197	167.894	1.00	24.57
ATOM	1118	O	CYS	162	162.782	153.589	168.733	1.00	23.81
ATOM	1119	N	ILE	163	164.654	154.678	168.163	1.00	24.28
ATOM	1120	CA	ILE	163	165.223	154.486	169.490	1.00	23.74
ATOM	1121	CB	ILE	163	166.757	154.611	169.457	1.00	22.96
ATOM	1122	CG2	ILE	163	167.162	156.051	169.245	1.00	21.74
ATOM	1123	CG1	ILE	163	167.346	154.064	170.756	1.00	21.48
ATOM	1124	CD1	ILE	163	168.834	153.827	170.682	1.00	19.32
ATOM	1125	C	ILE	163	164.655	155.451	170.532	1.00	23.52
ATOM	1126	O	ILE	163	164.408	156.622	170.243	1.00	23.95
ATOM	1127	N	ASP	164	164.443	154.942	171.743	1.00	21.43
ATOM	1128	CA	ASP	164	163.909	155.739	172.843	1.00	20.72
ATOM	1129	CB	ASP	164	162.867	154.932	173.627	1.00	20.15
ATOM	1130	CG	ASP	164	161.587	154.706	172.839	1.00	20.48
ATOM	1131	OD1	ASP	164	161.194	155.601	172.063	1.00	22.40
ATOM	1132	OD2	ASP	164	160.970	153.633	172.995	1.00	19.42
ATOM	1133	C	ASP	164	165.041	156.168	173.779	1.00	21.09
ATOM	1134	O	ASP	164	165.107	157.323	174.199	1.00	21.52
ATOM	1135	N	TYR	165	165.930	155.232	174.101	1.00	21.39

FIG. 4A - 20

FIG. 4A - 20

ATOM	1136	CA	TYR	165	167.063	155.512	174.978	1.00	21.10
ATOM	1137	CB	TYR	165	166.600	155.690	176.429	1.00	20.02
ATOM	1138	CG	TYR	165	165.869	154.499	177.003	1.00	19.60
ATOM	1139	CD1	TYR	165	166.564	153.412	177.534	1.00	20.26
ATOM	1140	CE1	TYR	165	165.887	152.304	178.053	1.00	19.90
ATOM	1141	CD2	TYR	165	164.475	154.452	177.009	1.00	20.71
ATOM	1142	CE2	TYR	165	163.790	153.351	177.526	1.00	20.82
ATOM	1143	CZ	TYR	165	164.502	152.283	178.042	1.00	21.38
ATOM	1144	OH	TYR	165	163.828	151.186	178.523	1.00	22.12
ATOM	1145	C	TYR	165	168.091	154.396	174.924	1.00	21.38
ATOM	1146	O	TYR	165	167.835	153.320	174.384	1.00	20.67
ATOM	1147	N	ALA	166	169.259	154.666	175.491	1.00	21.37
ATOM	1148	CA	ALA	166	170.331	153.690	175.548	1.00	21.45
ATOM	1149	CB	ALA	166	171.389	154.012	174.515	1.00	20.62
ATOM	1150	C	ALA	166	170.924	153.768	176.946	1.00	22.55
ATOM	1151	O	ALA	166	171.216	154.858	177.435	1.00	23.15
ATOM	1152	N	LEU	167	171.075	152.621	177.598	1.00	23.19
ATOM	1153	CA	LEU	167	171.653	152.584	178.937	1.00	22.98
ATOM	1154	CB	LEU	167	171.111	151.387	179.719	1.00	22.41
ATOM	1155	CG	LEU	167	171.673	151.190	181.129	1.00	24.75
ATOM	1156	CD1	LEU	167	171.218	152.327	182.029	1.00	22.77
ATOM	1157	CD2	LEU	167	171.213	149.849	181.682	1.00	25.88
ATOM	1158	C	LEU	167	173.160	152.451	178.761	1.00	23.29
ATOM	1159	O	LEU	167	173.622	151.564	178.043	1.00	21.36
ATOM	1160	N	CYS	168	173.923	153.331	179.405	1.00	23.44
ATOM	1161	CA	CYS	168	175.379	153.298	179.283	1.00	23.73
ATOM	1162	CB	CYS	168	175.873	154.457	178.411	1.00	23.39
ATOM	1163	SG	CYS	168	174.899	154.828	176.932	1.00	23.95
ATOM	1164	C	CYS	168	176.107	153.381	180.616	1.00	24.54
ATOM	1165	O	CYS	168	175.502	153.620	181.662	1.00	25.36
ATOM	1166	N	VAL	169	177.419	153.178	180.559	1.00	24.34
ATOM	1167	CA	VAL	169	178.280	153.274	181.731	1.00	24.69
ATOM	1168	CB	VAL	169	179.003	151.940	182.035	1.00	22.87
ATOM	1169	CG1	VAL	169	179.874	152.096	183.263	1.00	20.10
ATOM	1170	CG2	VAL	169	177.998	150.833	182.255	1.00	21.23
ATOM	1171	C	VAL	169	179.330	154.316	181.351	1.00	26.72
ATOM	1172	O	VAL	169	179.965	154.195	180.302	1.00	25.97
ATOM	1173	N	ASN	170	179.502	155.353	182.165	1.00	28.46
ATOM	1174	CA	ASN	170	180.508	156.353	181.831	1.00	31.28
ATOM	1175	CB	ASN	170	180.202	157.707	182.492	1.00	30.82
ATOM	1176	CG	ASN	170	180.032	157.614	183.995	1.00	31.37
ATOM	1177	OD1	ASN	170	179.235	158.349	184.579	1.00	32.20
ATOM	1178	ND2	ASN	170	180.781	156.722	184.631	1.00	29.07
ATOM	1179	C	ASN	170	181.885	155.845	182.246	1.00	33.02
ATOM	1180	O	ASN	170	181.995	154.867	182.985	1.00	33.02
ATOM	1181	N	GLU	171	182.932	156.502	181.759	1.00	36.08
ATOM	1182	CA	GLU	171	184.303	156.101	182.057	1.00	38.23
ATOM	1183	CB	GLU	171	185.288	157.091	181.433	1.00	41.83
ATOM	1184	CG	GLU	171	185.629	158.265	182.325	1.00	50.67
ATOM	1185	CD	GLU	171	186.001	159.502	181.534	1.00	57.00
ATOM	1186	OE1	GLU	171	185.253	160.505	181.606	1.00	58.71
ATOM	1187	OE2	GLU	171	187.041	159.467	180.839	1.00	58.58
ATOM	1188	C	GLU	171	184.587	155.970	183.547	1.00	37.04
ATOM	1189	O	GLU	171	185.543	155.305	183.941	1.00	37.08
ATOM	1190	N	GLN	172	183.763	156.605	184.373	1.00	35.88
ATOM	1191	CA	GLN	172	183.949	156.543	185.817	1.00	35.98
ATOM	1192	CB	GLN	172	183.444	157.834	186.471	1.00	39.05

FIG. 4A - 21

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ATOM	1193	CG	GLN	172	184.376	159.040	186.286	1.00	44.08
ATOM	1194	CD	GLN	172	184.260	159.688	184.905	1.00	48.60
ATOM	1195	OE1	GLN	172	185.184	160.362	184.438	1.00	50.38
ATOM	1196	NE2	GLN	172	183.121	159.485	184.247	1.00	49.06
ATOM	1197	C	GLN	172	183.228	155.327	186.393	1.00	34.62
ATOM	1198	O	GLN	172	183.357	155.016	187.577	1.00	33.74
ATOM	1199	N	GLY	173	182.458	154.644	185.551	1.00	32.87
ATOM	1200	CA	GLY	173	181.765	153.446	185.995	1.00	30.37
ATOM	1201	C	GLY	173	180.320	153.557	186.442	1.00	30.15
ATOM	1202	O	GLY	173	179.764	152.594	186.976	1.00	28.23
ATOM	1203	N	SER	174	179.700	154.712	186.226	1.00	30.06
ATOM	1204	CA	SER	174	178.309	154.898	186.630	1.00	29.64
ATOM	1205	CB	SER	174	178.086	156.331	187.121	1.00	29.67
ATOM	1206	OG	SER	174	179.013	156.680	188.132	1.00	31.97
ATOM	1207	C	SER	174	177.327	154.602	185.498	1.00	28.54
ATOM	1208	O	SER	174	177.670	154.704	184.319	1.00	27.86
ATOM	1209	N	LEU	175	176.106	154.231	185.870	1.00	27.97
ATOM	1210	CA	LEU	175	175.056	153.943	184.903	1.00	27.35
ATOM	1211	CB	LEU	175	174.003	153.022	185.509	1.00	26.60
ATOM	1212	CG	LEU	175	174.217	151.513	185.541	1.00	27.87
ATOM	1213	CD1	LEU	175	173.059	150.892	186.292	1.00	27.20
ATOM	1214	CD2	LEU	175	174.294	150.947	184.132	1.00	29.17
ATOM	1215	C	LEU	175	174.376	155.251	184.530	1.00	28.32
ATOM	1216	O	LEU	175	174.098	156.079	185.395	1.00	28.95
ATOM	1217	N	ILE	176	174.119	155.441	183.243	1.00	28.13
ATOM	1218	CA	ILE	176	173.442	156.639	182.779	1.00	28.50
ATOM	1219	CB	ILE	176	174.435	157.721	182.260	1.00	29.87
ATOM	1220	CG2	ILE	176	175.423	157.111	181.285	1.00	29.98
ATOM	1221	CG1	ILE	176	173.661	158.842	181.561	1.00	33.57
ATOM	1222	CD1	ILE	176	174.354	160.193	181.577	1.00	35.57
ATOM	1223	C	ILE	176	172.505	156.236	181.655	1.00	28.18
ATOM	1224	O	ILE	176	172.901	155.547	180.716	1.00	27.98
ATOM	1225	N	LYS	177	171.249	156.644	181.777	1.00	27.36
ATOM	1226	CA	LYS	177	170.248	156.353	180.767	1.00	26.09
ATOM	1227	CB	LYS	177	168.905	156.042	181.428	1.00	23.91
ATOM	1228	CG	LYS	177	167.839	155.580	180.460	1.00	25.18
ATOM	1229	CD	LYS	177	166.463	155.611	181.098	1.00	26.15
ATOM	1230	CE	LYS	177	165.907	154.211	181.260	1.00	29.01
ATOM	1231	NZ	LYS	177	164.468	154.240	181.638	1.00	29.99
ATOM	1232	C	LYS	177	170.129	157.596	179.895	1.00	25.17
ATOM	1233	O	LYS	177	169.705	158.652	180.361	1.00	24.48
ATOM	1234	N	LEU	178	170.528	157.475	178.635	1.00	25.13
ATOM	1235	CA	LEU	178	170.465	158.598	177.711	1.00	24.32
ATOM	1236	CB	LEU	178	171.780	158.718	176.929	1.00	24.43
ATOM	1237	CG	LEU	178	173.052	159.053	177.723	1.00	25.30
ATOM	1238	CD1	LEU	178	174.212	159.291	176.774	1.00	25.18
ATOM	1239	CD2	LEU	178	172.817	160.288	178.577	1.00	27.45
ATOM	1240	C	LEU	178	169.304	158.407	176.746	1.00	25.28
ATOM	1241	O	LEU	178	169.242	157.413	176.024	1.00	25.57
ATOM	1242	N	THR	179	168.378	159.359	176.748	1.00	25.38
ATOM	1243	CA	THR	179	167.220	159.301	175.868	1.00	26.08
ATOM	1244	CB	THR	179	166.145	160.299	176.330	1.00	26.24
ATOM	1245	OG1	THR	179	166.720	161.606	176.428	1.00	28.94
ATOM	1246	CG2	THR	179	165.615	159.906	177.695	1.00	22.22
ATOM	1247	C	THR	179	167.666	159.643	174.450	1.00	25.42
ATOM	1248	O	THR	179	168.823	160.000	174.237	1.00	24.98
ATOM	1249	N	THR	180	166.754	159.538	173.488	1.00	25.78

FIG. 4A - 22

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ATOM	1250	CA	THR	180	167.071	159.830	172.092	1.00	26.50
ATOM	1251	CB	THR	180	165.818	159.893	171.222	1.00	27.03
ATOM	1252	OG1	THR	180	164.915	158.852	171.603	1.00	31.60
ATOM	1253	CG2	THR	180	166.192	159.728	169.760	1.00	27.44
ATOM	1254	C	THR	180	167.799	161.144	171.885	1.00	26.23
ATOM	1255	O	THR	180	168.837	161.184	171.228	1.00	27.10
ATOM	1256	N	LYS	181	167.248	162.224	172.427	1.00	24.70
ATOM	1257	CA	LYS	181	167.868	163.526	172.259	1.00	25.42
ATOM	1258	CB	LYS	181	166.977	164.627	172.832	1.00	26.63
ATOM	1259	CG	LYS	181	167.179	165.975	172.147	1.00	30.96
ATOM	1260	CD	LYS	181	166.366	167.076	172.801	1.00	33.60
ATOM	1261	CE	LYS	181	166.869	167.377	174.202	1.00	38.01
ATOM	1262	NZ	LYS	181	167.409	168.763	174.296	1.00	42.60
ATOM	1263	C	LYS	181	169.241	163.601	172.901	1.00	24.41
ATOM	1264	O	LYS	181	170.170	164.162	172.321	1.00	24.22
ATOM	1265	N	GLU	182	169.373	163.034	174.094	1.00	24.10
ATOM	1266	CA	GLU	182	170.644	163.065	174.804	1.00	23.70
ATOM	1267	CB	GLU	182	170.454	162.546	176.226	1.00	24.64
ATOM	1268	CG	GLU	182	169.428	163.336	177.018	1.00	26.08
ATOM	1269	CD	GLU	182	169.158	162.738	178.381	1.00	28.77
ATOM	1270	OE1	GLU	182	169.278	161.505	178.531	1.00	30.74
ATOM	1271	OE2	GLU	182	168.824	163.504	179.306	1.00	32.18
ATOM	1272	C	GLU	182	171.739	162.273	174.097	1.00	22.87
ATOM	1273	O	GLU	182	172.924	162.552	174.276	1.00	23.48
ATOM	1274	N	LEU	183	171.342	161.288	173.296	1.00	20.96
ATOM	1275	CA	LEU	183	172.302	160.472	172.560	1.00	20.78
ATOM	1276	CB	LEU	183	171.620	159.231	171.981	1.00	18.97
ATOM	1277	CG	LEU	183	171.358	158.085	172.962	1.00	18.71
ATOM	1278	CD1	LEU	183	170.461	157.043	172.310	1.00	16.75
ATOM	1279	CD2	LEU	183	172.677	157.465	173.387	1.00	17.42
ATOM	1280	C	LEU	183	172.918	161.281	171.430	1.00	21.83
ATOM	1281	O	LEU	183	173.933	160.894	170.861	1.00	22.55
ATOM	1282	N	GLU	184	172.290	162.406	171.106	1.00	23.10
ATOM	1283	CA	GLU	184	172.772	163.284	170.049	1.00	23.29
ATOM	1284	CB	GLU	184	174.003	164.046	170.534	1.00	24.87
ATOM	1285	CG	GLU	184	173.649	165.220	171.428	1.00	30.01
ATOM	1286	CD	GLU	184	174.842	165.770	172.177	1.00	35.06
ATOM	1287	OE1	GLU	184	175.964	165.731	171.625	1.00	36.91
ATOM	1288	OE2	GLU	184	174.655	166.245	173.319	1.00	37.57
ATOM	1289	C	GLU	184	173.092	162.512	168.782	1.00	23.20
ATOM	1290	O	GLU	184	174.157	162.674	168.186	1.00	21.86
ATOM	1291	N	LEU	185	172.153	161.669	168.372	1.00	22.96
ATOM	1292	CA	LEU	185	172.331	160.873	167.174	1.00	22.82
ATOM	1293	CB	LEU	185	171.180	159.875	167.043	1.00	21.22
ATOM	1294	CG	LEU	185	171.096	158.916	168.236	1.00	20.24
ATOM	1295	CD1	LEU	185	169.752	158.226	168.242	1.00	20.18
ATOM	1296	CD2	LEU	185	172.214	157.889	168.160	1.00	19.24
ATOM	1297	C	LEU	185	172.408	161.796	165.963	1.00	22.98
ATOM	1298	O	LEU	185	171.569	162.675	165.776	1.00	22.85
ATOM	1299	N	ASP	186	173.432	161.589	165.147	1.00	23.52
ATOM	1300	CA	ASP	186	173.655	162.411	163.968	1.00	22.71
ATOM	1301	CB	ASP	186	174.797	163.384	164.255	1.00	23.43
ATOM	1302	CG	ASP	186	174.812	164.580	163.322	1.00	25.88
ATOM	1303	OD1	ASP	186	175.634	165.486	163.574	1.00	26.20
ATOM	1304	OD2	ASP	186	174.024	164.628	162.349	1.00	26.91
ATOM	1305	C	ASP	186	174.024	161.512	162.799	1.00	22.67
ATOM	1306	O	ASP	186	173.944	160.290	162.900	1.00	21.51

FIG. 4A - 23

009141 "T21650

ATOM	1307	N	TYR	187	174.430	162.118	161.690	1.00	22.70
ATOM	1308	CA	TYR	187	174.820	161.347	160.523	1.00	23.26
ATOM	1309	CB	TYR	187	174.957	162.261	159.307	1.00	21.82
ATOM	1310	CG	TYR	187	175.526	161.573	158.090	1.00	19.89
ATOM	1311	CD1	TYR	187	174.839	160.531	157.470	1.00	19.68
ATOM	1312	CE1	TYR	187	175.362	159.892	156.357	1.00	19.32
ATOM	1313	CD2	TYR	187	176.754	161.959	157.562	1.00	18.63
ATOM	1314	CE2	TYR	187	177.286	161.326	156.449	1.00	18.14
ATOM	1315	CZ	TYR	187	176.585	160.297	155.853	1.00	19.34
ATOM	1316	OH	TYR	187	177.102	159.676	154.742	1.00	21.73
ATOM	1317	C	TYR	187	176.153	160.680	160.828	1.00	25.07
ATOM	1318	O	TYR	187	177.183	161.345	160.914	1.00	24.89
ATOM	1319	N	ARG	188	176.127	159.363	161.004	1.00	26.98
ATOM	1320	CA	ARG	188	177.336	158.598	161.308	1.00	27.45
ATOM	1321	CB	ARG	188	178.302	158.635	160.116	1.00	28.34
ATOM	1322	CG	ARG	188	177.834	157.858	158.886	1.00	32.31
ATOM	1323	CD	ARG	188	177.009	156.622	159.265	1.00	38.48
ATOM	1324	NE	ARG	188	176.750	155.757	158.115	1.00	42.01
ATOM	1325	CZ	ARG	188	175.539	155.459	157.654	1.00	42.08
ATOM	1326	NH1	ARG	188	175.407	154.661	156.601	1.00	42.54
ATOM	1327	NH2	ARG	188	174.459	155.956	158.242	1.00	41.06
ATOM	1328	C	ARG	188	178.054	159.100	162.562	1.00	26.50
ATOM	1329	O	ARG	188	179.281	159.095	162.625	1.00	26.43
ATOM	1330	N	ASN	189	177.291	159.526	163.564	1.00	25.15
ATOM	1331	CA	ASN	189	177.886	160.022	164.797	1.00	23.45
ATOM	1332	CB	ASN	189	178.380	161.453	164.600	1.00	25.54
ATOM	1333	CG	ASN	189	179.430	161.851	165.616	1.00	29.26
ATOM	1334	OD1	ASN	189	179.865	162.999	165.650	1.00	34.10
ATOM	1335	ND2	ASN	189	179.843	160.903	166.451	1.00	28.64
ATOM	1336	C	ASN	189	176.900	159.987	165.949	1.00	22.03
ATOM	1337	O	ASN	189	175.696	159.842	165.744	1.00	21.87
ATOM	1338	N	SER	190	177.425	160.127	167.162	1.00	20.27
ATOM	1339	CA	SER	190	176.619	160.122	168.376	1.00	20.28
ATOM	1340	CB	SER	190	176.073	158.723	168.650	1.00	18.96
ATOM	1341	OG	SER	190	177.050	157.921	169.295	1.00	19.71
ATOM	1342	C	SER	190	177.488	160.556	169.544	1.00	21.28
ATOM	1343	O	SER	190	178.704	160.698	169.410	1.00	21.80
ATOM	1344	N	ILE	191	176.861	160.759	170.693	1.00	22.92
ATOM	1345	CA	ILE	191	177.582	161.179	171.881	1.00	24.09
ATOM	1346	CB	ILE	191	176.607	161.713	172.965	1.00	24.32
ATOM	1347	CG2	ILE	191	176.070	160.566	173.812	1.00	23.02
ATOM	1348	CG1	ILE	191	177.324	162.750	173.833	1.00	25.76
ATOM	1349	CD1	ILE	191	176.521	163.226	175.029	1.00	27.06
ATOM	1350	C	ILE	191	178.415	160.040	172.458	1.00	25.38
ATOM	1351	O	ILE	191	179.301	160.270	173.276	1.00	25.59
ATOM	1352	N	ILE	192	178.121	158.812	172.040	1.00	27.27
ATOM	1353	CA	ILE	192	178.865	157.652	172.521	1.00	28.76
ATOM	1354	CB	ILE	192	178.320	156.341	171.926	1.00	26.09
ATOM	1355	CG2	ILE	192	178.978	155.166	172.607	1.00	25.40
ATOM	1356	CG1	ILE	192	176.797	156.277	172.079	1.00	23.83
ATOM	1357	CD1	ILE	192	176.314	156.175	173.513	1.00	22.46
ATOM	1358	C	ILE	192	180.312	157.813	172.079	1.00	31.56
ATOM	1359	O	ILE	192	181.248	157.447	172.791	1.00	31.92
ATOM	1360	N	GLN	193	180.481	158.370	170.886	1.00	34.29
ATOM	1361	CA	GLN	193	181.799	158.601	170.324	1.00	36.56
ATOM	1362	CB	GLN	193	181.687	159.012	168.855	1.00	34.95
ATOM	1363	CG	GLN	193	180.700	158.194	168.043	1.00	34.49

FIG. 4A - 24

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ATOM	1364	CD	GLN	193	181.078	158.119	166.577	1.00	35.08
ATOM	1365	OE1	GLN	193	182.130	158.611	166.169	1.00	36.46
ATOM	1366	NE2	GLN	193	180.218	157.502	165.774	1.00	36.56
ATOM	1367	C	GLN	193	182.487	159.713	171.096	1.00	39.76
ATOM	1368	O	GLN	193	183.581	159.535	171.633	1.00	40.78
ATOM	1369	N	LYS	194	181.823	160.860	171.160	1.00	42.70
ATOM	1370	CA	LYS	194	182.365	162.025	171.830	1.00	45.42
ATOM	1371	CB	LYS	194	181.409	163.213	171.643	1.00	49.23
ATOM	1372	CG	LYS	194	180.891	163.369	170.192	1.00	54.76
ATOM	1373	CD	LYS	194	181.810	164.224	169.306	1.00	59.11
ATOM	1374	CE	LYS	194	181.047	164.801	168.107	1.00	61.43
ATOM	1375	NZ	LYS	194	181.787	165.889	167.396	1.00	62.48
ATOM	1376	C	LYS	194	182.772	161.858	173.298	1.00	44.79
ATOM	1377	O	LYS	194	183.772	162.450	173.705	1.00	45.31
ATOM	1378	N	GLU	195	182.048	161.090	174.114	1.00	43.73
ATOM	1379	CA	GLU	195	182.527	160.954	175.484	1.00	44.07
ATOM	1380	CB	GLU	195	181.662	161.741	176.482	1.00	45.48
ATOM	1381	CG	GLU	195	180.180	161.459	176.585	1.00	48.14
ATOM	1382	CD	GLU	195	179.516	162.481	177.500	1.00	51.43
ATOM	1383	OE1	GLU	195	179.802	163.680	177.312	1.00	51.84
ATOM	1384	OE2	GLU	195	178.739	162.107	178.411	1.00	54.06
ATOM	1385	C	GLU	195	182.797	159.552	175.982	1.00	42.89
ATOM	1386	O	GLU	195	182.684	159.264	177.163	1.00	43.16
ATOM	1387	N	HIS	196	183.224	158.695	175.064	1.00	41.71
ATOM	1388	CA	HIS	196	183.593	157.329	175.392	1.00	40.45
ATOM	1389	CB	HIS	196	185.059	157.332	175.829	1.00	43.28
ATOM	1390	CG	HIS	196	185.706	155.981	175.819	1.00	45.16
ATOM	1391	CD2	HIS	196	186.380	155.317	176.787	1.00	46.04
ATOM	1392	ND1	HIS	196	185.745	155.176	174.704	1.00	46.00
ATOM	1393	CE1	HIS	196	186.417	154.074	174.979	1.00	46.41
ATOM	1394	NE2	HIS	196	186.814	154.134	176.239	1.00	47.06
ATOM	1395	C	HIS	196	182.731	156.621	176.457	1.00	36.84
ATOM	1396	O	HIS	196	183.224	156.211	177.514	1.00	35.76
ATOM	1397	N	LEU	197	181.441	156.493	176.178	1.00	32.72
ATOM	1398	CA	LEU	197	180.537	155.799	177.084	1.00	27.73
ATOM	1399	CB	LEU	197	179.137	156.413	177.035	1.00	27.16
ATOM	1400	CG	LEU	197	178.893	157.823	177.570	1.00	27.34
ATOM	1401	CD1	LEU	197	177.881	158.553	176.683	1.00	26.31
ATOM	1402	CD2	LEU	197	178.367	157.723	178.988	1.00	28.50
ATOM	1403	C	LEU	197	180.471	154.405	176.493	1.00	25.69
ATOM	1404	O	LEU	197	180.823	154.215	175.332	1.00	26.15
ATOM	1405	N	VAL	198	180.044	153.426	177.276	1.00	23.70
ATOM	1406	CA	VAL	198	179.904	152.080	176.743	1.00	20.83
ATOM	1407	CB	VAL	198	180.698	151.037	177.570	1.00	20.21
ATOM	1408	CG1	VAL	198	180.256	151.056	179.018	1.00	20.15
ATOM	1409	CG2	VAL	198	180.509	149.658	176.973	1.00	18.07
ATOM	1410	C	VAL	198	178.413	151.771	176.788	1.00	20.21
ATOM	1411	O	VAL	198	177.771	151.956	177.820	1.00	19.70
ATOM	1412	N	VAL	199	177.858	151.340	175.659	1.00	19.82
ATOM	1413	CA	VAL	199	176.437	151.017	175.576	1.00	18.75
ATOM	1414	CB	VAL	199	175.935	151.109	174.125	1.00	17.87
ATOM	1415	CG1	VAL	199	174.453	150.774	174.059	1.00	14.17
ATOM	1416	CG2	VAL	199	176.177	152.505	173.589	1.00	16.61
ATOM	1417	C	VAL	199	176.147	149.618	176.107	1.00	19.36
ATOM	1418	O	VAL	199	176.826	148.654	175.752	1.00	19.28
ATOM	1419	N	LEU	200	175.122	149.515	176.950	1.00	19.45
ATOM	1420	CA	LEU	200	174.735	148.245	177.551	1.00	18.58

FIG. 4A - 25

FIG. 4A - 25

ATOM	1421	CB	LEU	200	174.587	148.405	179.063	1.00	19.18
ATOM	1422	CG	LEU	200	175.818	148.718	179.909	1.00	21.41
ATOM	1423	CD1	LEU	200	175.384	148.926	181.353	1.00	20.34
ATOM	1424	CD2	LEU	200	176.819	147.583	179.803	1.00	19.47
ATOM	1425	C	LEU	200	173.418	147.713	177.011	1.00	19.06
ATOM	1426	O	LEU	200	173.205	146.504	176.950	1.00	19.49
ATOM	1427	N	GLU	201	172.527	148.617	176.626	1.00	19.00
ATOM	1428	CA	GLU	201	171.221	148.209	176.142	1.00	19.34
ATOM	1429	CB	GLU	201	170.380	147.751	177.336	1.00	18.32
ATOM	1430	CG	GLU	201	168.928	147.428	177.041	1.00	21.67
ATOM	1431	CD	GLU	201	168.176	147.041	178.298	1.00	22.86
ATOM	1432	OE1	GLU	201	167.546	145.965	178.324	1.00	24.61
ATOM	1433	OE2	GLU	201	168.223	147.818	179.268	1.00	25.81
ATOM	1434	C	GLU	201	170.525	149.357	175.426	1.00	20.01
ATOM	1435	O	GLU	201	170.799	150.524	175.701	1.00	20.51
ATOM	1436	N	ALA	202	169.623	149.020	174.508	1.00	19.24
ATOM	1437	CA	ALA	202	168.879	150.032	173.774	1.00	19.51
ATOM	1438	CB	ALA	202	169.413	150.157	172.361	1.00	18.80
ATOM	1439	C	ALA	202	167.408	149.656	173.746	1.00	19.05
ATOM	1440	O	ALA	202	167.067	148.478	173.680	1.00	19.93
ATOM	1441	N	ALA	203	166.541	150.661	173.804	1.00	18.63
ATOM	1442	CA	ALA	203	165.102	150.438	173.781	1.00	18.46
ATOM	1443	CB	ALA	203	164.472	150.974	175.055	1.00	17.86
ATOM	1444	C	ALA	203	164.496	151.128	172.570	1.00	18.35
ATOM	1445	O	ALA	203	164.854	152.263	172.253	1.00	18.96
ATOM	1446	N	PHE	204	163.581	150.437	171.897	1.00	18.48
ATOM	1447	CA	PHE	204	162.914	150.976	170.716	1.00	19.03
ATOM	1448	CB	PHE	204	163.324	150.207	169.449	1.00	18.58
ATOM	1449	CG	PHE	204	164.807	150.139	169.214	1.00	18.99
ATOM	1450	CD1	PHE	204	165.562	149.103	169.755	1.00	19.20
ATOM	1451	CD2	PHE	204	165.447	151.095	168.432	1.00	17.32
ATOM	1452	CE1	PHE	204	166.931	149.018	169.517	1.00	18.79
ATOM	1453	CE2	PHE	204	166.816	151.016	168.189	1.00	16.54
ATOM	1454	CZ	PHE	204	167.556	149.977	168.734	1.00	16.31
ATOM	1455	C	PHE	204	161.399	150.876	170.835	1.00	19.26
ATOM	1456	O	PHE	204	160.871	150.117	171.648	1.00	20.51
ATOM	1457	N	THR	205	160.711	151.659	170.014	1.00	19.86
ATOM	1458	CA	THR	205	159.258	151.639	169.947	1.00	19.26
ATOM	1459	CB	THR	205	158.617	152.901	170.545	1.00	18.74
ATOM	1460	OG1	THR	205	158.790	152.903	171.968	1.00	18.85
ATOM	1461	CG2	THR	205	157.124	152.927	170.234	1.00	16.82
ATOM	1462	C	THR	205	158.982	151.606	168.454	1.00	19.83
ATOM	1463	O	THR	205	159.430	152.484	167.716	1.00	20.18
ATOM	1464	N	LEU	206	158.272	150.581	168.000	1.00	20.00
ATOM	1465	CA	LEU	206	157.971	150.457	166.581	1.00	20.18
ATOM	1466	CB	LEU	206	158.520	149.134	166.038	1.00	19.60
ATOM	1467	CG	LEU	206	159.964	149.146	165.525	1.00	19.34
ATOM	1468	CD1	LEU	206	160.922	149.380	166.671	1.00	18.82
ATOM	1469	CD2	LEU	206	160.275	147.827	164.854	1.00	17.75
ATOM	1470	C	LEU	206	156.475	150.533	166.351	1.00	19.83
ATOM	1471	O	LEU	206	155.697	150.542	167.299	1.00	20.66
ATOM	1472	N	ALA	207	156.078	150.586	165.087	1.00	19.44
ATOM	1473	CA	ALA	207	154.671	150.672	164.737	1.00	19.07
ATOM	1474	CB	ALA	207	154.462	151.759	163.689	1.00	15.16
ATOM	1475	C	ALA	207	154.143	149.355	164.206	1.00	19.35
ATOM	1476	O	ALA	207	154.794	148.694	163.396	1.00	21.42
ATOM	1477	N	PRO	208	152.955	148.946	164.668	1.00	19.30

FIG. 4A - 26

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FIG. 4A - 27

ATOM	1535	NE2	GLN	215	161.398	137.975	154.942	1.00	21.72
ATOM	1536	C	GLN	215	159.358	141.192	153.425	1.00	19.11
ATOM	1537	O	GLN	215	160.510	141.021	153.029	1.00	19.50
ATOM	1538	N	ALA	216	158.416	141.736	152.668	1.00	19.51
ATOM	1539	CA	ALA	216	158.699	142.164	151.309	1.00	18.72
ATOM	1540	CB	ALA	216	157.429	142.649	150.645	1.00	15.16
ATOM	1541	C	ALA	216	159.754	143.263	151.285	1.00	19.13
ATOM	1542	O	ALA	216	160.593	143.304	150.389	1.00	20.90
ATOM	1543	N	LYS	217	159.722	144.159	152.261	1.00	19.20
ATOM	1544	CA	LYS	217	160.704	145.236	152.283	1.00	19.25
ATOM	1545	CB	LYS	217	160.320	146.298	153.316	1.00	18.52
ATOM	1546	CG	LYS	217	161.135	147.571	153.195	1.00	18.39
ATOM	1547	CD	LYS	217	160.783	148.564	154.277	1.00	20.03
ATOM	1548	CE	LYS	217	161.607	149.829	154.126	1.00	22.91
ATOM	1549	NZ	LYS	217	160.988	151.003	154.807	1.00	28.08
ATOM	1550	C	LYS	217	162.084	144.673	152.598	1.00	19.89
ATOM	1551	O	LYS	217	163.069	145.021	151.945	1.00	19.48
ATOM	1552	N	MET	218	162.147	143.801	153.600	1.00	17.73
ATOM	1553	CA	MET	218	163.397	143.171	153.994	1.00	17.14
ATOM	1554	CB	MET	218	163.163	142.230	155.190	1.00	14.25
ATOM	1555	CG	MET	218	162.845	142.937	156.519	1.00	10.46
ATOM	1556	SD	MET	218	162.586	141.816	157.896	1.00	2.00
ATOM	1557	CE	MET	218	161.128	141.341	157.598	1.00	2.68
ATOM	1558	C	MET	218	163.952	142.385	152.802	1.00	18.69
ATOM	1559	O	MET	218	165.135	142.488	152.474	1.00	19.98
ATOM	1560	N	ASP	219	163.091	141.609	152.148	1.00	19.15
ATOM	1561	CA	ASP	219	163.495	140.811	150.993	1.00	19.86
ATOM	1562	CB	ASP	219	162.294	140.052	150.431	1.00	19.61
ATOM	1563	CG	ASP	219	161.853	138.917	151.325	1.00	20.67
ATOM	1564	OD1	ASP	219	162.588	138.594	152.279	1.00	20.64
ATOM	1565	OD2	ASP	219	160.769	138.347	151.077	1.00	21.52
ATOM	1566	C	ASP	219	164.105	141.666	149.885	1.00	21.24
ATOM	1567	O	ASP	219	165.115	141.297	149.285	1.00	21.14
ATOM	1568	N	ASP	220	163.482	142.806	149.610	1.00	21.69
ATOM	1569	CA	ASP	220	163.968	143.699	148.569	1.00	22.00
ATOM	1570	CB	ASP	220	162.938	144.799	148.306	1.00	23.29
ATOM	1571	CG	ASP	220	163.409	145.801	147.278	1.00	25.59
ATOM	1572	OD1	ASP	220	163.525	145.426	146.094	1.00	27.74
ATOM	1573	OD2	ASP	220	163.664	146.964	147.655	1.00	28.37
ATOM	1574	C	ASP	220	165.310	144.321	148.950	1.00	22.36
ATOM	1575	O	ASP	220	166.217	144.411	148.120	1.00	22.52
ATOM	1576	N	LEU	221	165.434	144.746	150.206	1.00	21.65
ATOM	1577	CA	LEU	221	166.666	145.358	150.692	1.00	21.02
ATOM	1578	CB	LEU	221	166.444	145.974	152.074	1.00	18.91
ATOM	1579	CG	LEU	221	165.543	147.206	152.133	1.00	18.44
ATOM	1580	CD1	LEU	221	165.616	147.810	153.528	1.00	14.81
ATOM	1581	CD2	LEU	221	165.971	148.219	151.074	1.00	17.41
ATOM	1582	C	LEU	221	167.799	144.340	150.763	1.00	21.87
ATOM	1583	O	LEU	221	168.967	144.690	150.603	1.00	22.87
ATOM	1584	N	THR	222	167.455	143.082	151.012	1.00	21.49
ATOM	1585	CA	THR	222	168.461	142.026	151.081	1.00	21.89
ATOM	1586	CB	THR	222	167.851	140.726	151.624	1.00	19.67
ATOM	1587	OG1	THR	222	167.446	140.931	152.982	1.00	20.77
ATOM	1588	CG2	THR	222	168.861	139.592	151.562	1.00	14.60
ATOM	1589	C	THR	222	169.000	141.773	149.677	1.00	22.72
ATOM	1590	O	THR	222	170.204	141.681	149.454	1.00	21.76
ATOM	1591	N	GLU	223	168.076	141.666	148.735	1.00	25.22

FIG. 4A - 28

FIG. 4A - 28

ATOM	1592	CA	GLU	223	168.392	141.439	147.337	1.00	27.18
ATOM	1593	CB	GLU	223	167.089	141.373	146.556	1.00	29.86
ATOM	1594	CG	GLU	223	167.215	141.020	145.107	1.00	37.65
ATOM	1595	CD	GLU	223	165.861	140.751	144.497	1.00	44.28
ATOM	1596	OE1	GLU	223	165.090	139.970	145.098	1.00	48.58
ATOM	1597	OE2	GLU	223	165.565	141.323	143.426	1.00	47.78
ATOM	1598	C	GLU	223	169.260	142.580	146.819	1.00	26.88
ATOM	1599	O	GLU	223	170.311	142.357	146.219	1.00	28.25
ATOM	1600	N	ARG	224	168.808	143.805	147.059	1.00	24.94
ATOM	1601	CA	ARG	224	169.526	144.996	146.629	1.00	24.22
ATOM	1602	CB	ARG	224	168.797	146.248	147.135	1.00	23.27
ATOM	1603	CG	ARG	224	169.281	147.566	146.536	1.00	22.79
ATOM	1604	CD	ARG	224	168.547	148.744	147.162	1.00	20.40
ATOM	1605	NE	ARG	224	168.982	150.026	146.617	1.00	19.46
ATOM	1606	CZ	ARG	224	168.313	150.712	145.694	1.00	18.88
ATOM	1607	NH1	ARG	224	167.172	150.240	145.211	1.00	17.28
ATOM	1608	NH2	ARG	224	168.771	151.881	145.268	1.00	16.26
ATOM	1609	C	ARG	224	170.968	145.000	147.131	1.00	24.55
ATOM	1610	O	ARG	224	171.905	145.143	146.346	1.00	25.32
ATOM	1611	N	ARG	225	171.146	144.835	148.438	1.00	24.47
ATOM	1612	CA	ARG	225	172.480	144.842	149.031	1.00	24.94
ATOM	1613	CB	ARG	225	172.391	144.738	150.556	1.00	24.09
ATOM	1614	CG	ARG	225	173.723	144.937	151.257	1.00	23.96
ATOM	1615	CD	ARG	225	173.668	144.488	152.705	1.00	23.50
ATOM	1616	NE	ARG	225	172.946	145.442	153.544	1.00	23.54
ATOM	1617	CZ	ARG	225	173.492	146.516	154.105	1.00	21.24
ATOM	1618	NH1	ARG	225	172.750	147.321	154.851	1.00	18.94
ATOM	1619	NH2	ARG	225	174.778	146.785	153.921	1.00	20.65
ATOM	1620	C	ARG	225	173.367	143.723	148.508	1.00	25.01
ATOM	1621	O	ARG	225	174.538	143.939	148.207	1.00	25.16
ATOM	1622	N	GLU	226	172.811	142.524	148.408	1.00	24.81
ATOM	1623	CA	GLU	226	173.577	141.388	147.929	1.00	25.28
ATOM	1624	CB	GLU	226	172.712	140.131	147.922	1.00	24.47
ATOM	1625	CG	GLU	226	172.591	139.463	149.279	1.00	29.00
ATOM	1626	CD	GLU	226	171.539	138.372	149.303	1.00	31.25
ATOM	1627	OE1	GLU	226	170.748	138.279	148.340	1.00	33.42
ATOM	1628	OE2	GLU	226	171.503	137.605	150.288	1.00	34.36
ATOM	1629	C	GLU	226	174.118	141.644	146.533	1.00	26.67
ATOM	1630	O	GLU	226	175.231	141.240	146.210	1.00	27.88
ATOM	1631	N	SER	227	173.335	142.330	145.708	1.00	26.33
ATOM	1632	CA	SER	227	173.753	142.616	144.340	1.00	26.55
ATOM	1633	CB	SER	227	172.542	143.008	143.493	1.00	25.54
ATOM	1634	OG	SER	227	172.085	144.305	143.829	1.00	28.02
ATOM	1635	C	SER	227	174.808	143.706	144.232	1.00	26.62
ATOM	1636	O	SER	227	175.455	143.836	143.200	1.00	27.87
ATOM	1637	N	LYS	228	174.993	144.477	145.299	1.00	27.70
ATOM	1638	CA	LYS	228	175.960	145.572	145.282	1.00	28.39
ATOM	1639	CB	LYS	228	175.276	146.889	145.657	1.00	28.72
ATOM	1640	CG	LYS	228	174.101	147.297	144.793	1.00	29.69
ATOM	1641	CD	LYS	228	173.602	148.671	145.228	1.00	31.23
ATOM	1642	CE	LYS	228	172.182	148.926	144.763	1.00	30.72
ATOM	1643	NZ	LYS	228	172.155	149.274	143.321	1.00	31.10
ATOM	1644	C	LYS	228	177.176	145.428	146.189	1.00	28.77
ATOM	1645	O	LYS	228	178.196	146.075	145.953	1.00	28.59
ATOM	1646	N	GLN	229	177.082	144.602	147.225	1.00	28.95
ATOM	1647	CA	GLN	229	178.199	144.477	148.148	1.00	28.96
ATOM	1648	CB	GLN	229	177.760	144.968	149.529	1.00	28.91

FIG. 4A - 29

ATOM	1649	CG	GLN	229	177.153	146.367	149.483	1.00	28.94
ATOM	1650	CD	GLN	229	176.787	146.919	150.849	1.00	29.83
ATOM	1651	OE1	GLN	229	176.822	146.210	151.855	1.00	31.07
ATOM	1652	NE2	GLN	229	176.430	148.196	150.888	1.00	29.56
ATOM	1653	C	GLN	229	178.844	143.108	148.261	1.00	29.17
ATOM	1654	O	GLN	229	178.187	142.077	148.124	1.00	29.48
ATOM	1655	N	PRO	230	180.164	143.089	148.505	1.00	30.33
ATOM	1656	CD	PRO	230	181.003	144.289	148.665	1.00	29.73
ATOM	1657	CA	PRO	230	180.940	141.855	148.647	1.00	31.54
ATOM	1658	CB	PRO	230	182.379	142.321	148.456	1.00	31.07
ATOM	1659	CG	PRO	230	182.373	143.727	148.949	1.00	29.78
ATOM	1660	C	PRO	230	180.693	141.275	150.037	1.00	32.87
ATOM	1661	O	PRO	230	181.594	141.204	150.873	1.00	33.41
ATOM	1662	N	LEU	231	179.452	140.869	150.272	1.00	33.14
ATOM	1663	CA	LEU	231	179.040	140.319	151.555	1.00	33.92
ATOM	1664	CB	LEU	231	177.522	140.133	151.576	1.00	33.33
ATOM	1665	CG	LEU	231	176.635	141.376	151.651	1.00	34.07
ATOM	1666	CD1	LEU	231	175.190	140.934	151.796	1.00	32.46
ATOM	1667	CD2	LEU	231	177.056	142.259	152.822	1.00	32.20
ATOM	1668	C	LEU	231	179.694	138.992	151.895	1.00	35.29
ATOM	1669	O	LEU	231	179.605	138.536	153.031	1.00	37.38
ATOM	1670	N	GLU	232	180.353	138.371	150.925	1.00	36.02
ATOM	1671	CA	GLU	232	180.970	137.072	151.165	1.00	37.27
ATOM	1672	CB	GLU	232	180.886	136.221	149.895	1.00	38.78
ATOM	1673	CG	GLU	232	181.992	136.493	148.892	1.00	42.97
ATOM	1674	CD	GLU	232	181.691	137.680	148.003	1.00	45.43
ATOM	1675	OE1	GLU	232	182.453	137.911	147.043	1.00	47.83
ATOM	1676	OE2	GLU	232	180.692	138.383	148.262	1.00	47.47
ATOM	1677	C	GLU	232	182.410	137.077	151.675	1.00	37.52
ATOM	1678	O	GLU	232	182.984	136.016	151.905	1.00	39.17
ATOM	1679	N	TYR	233	182.995	138.254	151.856	1.00	36.84
ATOM	1680	CA	TYR	233	184.370	138.340	152.340	1.00	36.11
ATOM	1681	CB	TYR	233	185.274	139.033	151.323	1.00	37.81
ATOM	1682	CG	TYR	233	185.542	138.283	150.053	1.00	40.94
ATOM	1683	CD1	TYR	233	185.066	138.765	148.836	1.00	42.32
ATOM	1684	CE1	TYR	233	185.357	138.119	147.646	1.00	43.41
ATOM	1685	CD2	TYR	233	186.318	137.127	150.050	1.00	41.05
ATOM	1686	CE2	TYR	233	186.616	136.470	148.862	1.00	43.26
ATOM	1687	CZ	TYR	233	186.132	136.974	147.664	1.00	44.01
ATOM	1688	OH	TYR	233	186.429	136.342	146.482	1.00	45.98
ATOM	1689	C	TYR	233	184.462	139.168	153.602	1.00	35.23
ATOM	1690	O	TYR	233	183.711	140.128	153.776	1.00	34.28
ATOM	1691	N	PRO	234	185.383	138.809	154.509	1.00	34.52
ATOM	1692	CD	PRO	234	186.359	137.708	154.532	1.00	33.72
ATOM	1693	CA	PRO	234	185.453	139.648	155.698	1.00	34.09
ATOM	1694	CB	PRO	234	186.632	139.080	156.484	1.00	32.94
ATOM	1695	CG	PRO	234	186.837	137.712	155.951	1.00	32.23
ATOM	1696	C	PRO	234	185.775	141.003	155.114	1.00	35.12
ATOM	1697	O	PRO	234	186.542	141.107	154.158	1.00	35.21
ATOM	1698	N	SER	235	185.174	142.054	155.649	1.00	36.57
ATOM	1699	CA	SER	235	185.449	143.370	155.097	1.00	38.16
ATOM	1700	CB	SER	235	184.623	143.596	153.825	1.00	36.82
ATOM	1701	OG	SER	235	183.357	144.113	154.134	1.00	37.60
ATOM	1702	C	SER	235	185.212	144.507	156.055	1.00	39.77
ATOM	1703	O	SER	235	184.629	144.341	157.120	1.00	38.66
ATOM	1704	N	CYS	236	185.721	145.661	155.680	1.00	41.95
ATOM	1705	CA	CYS	236	185.552	146.852	156.444	1.00	43.66

FIG. 4A - 30

ATOM	1706	CB	CYS	236	186.889	147.485	156.659	1.00	43.12
ATOM	1707	SG	CYS	236	186.762	149.144	157.302	1.00	44.24
ATOM	1708	C	CYS	236	184.728	147.650	155.428	1.00	44.53
ATOM	1709	O	CYS	236	185.088	147.738	154.222	1.00	45.52
ATOM	1710	N	GLY	237	183.633	148.236	155.897	1.00	47.94
ATOM	1711	CA	GLY	237	182.775	148.991	155.001	1.00	45.98
ATOM	1712	C	GLY	237	183.096	150.471	154.855	1.00	48.02
ATOM	1713	O	GLY	237	183.526	151.109	155.812	1.00	50.53
ATOM	1714	N	SER	238	182.836	151.044	153.683	1.00	46.89
ATOM	1715	CA	SER	238	183.127	152.460	153.424	1.00	46.91
ATOM	1716	CB	SER	238	181.832	153.273	153.259	1.00	50.41
ATOM	1717	OG	SER	238	180.732	152.719	153.961	1.00	54.60
ATOM	1718	C	SER	238	184.115	153.189	154.365	1.00	45.67
ATOM	1719	O	SER	238	183.800	153.844	155.377	1.00	45.61
ATOM	1720	N	VAL	239	185.343	153.067	153.912	1.00	39.36
ATOM	1721	CA	VAL	239	186.553	153.597	154.492	1.00	35.97
ATOM	1722	CB	VAL	239	187.690	153.008	153.701	1.00	34.53
ATOM	1723	CG1	VAL	239	189.011	153.252	154.383	1.00	30.87
ATOM	1724	CG2	VAL	239	187.389	151.533	153.469	1.00	28.60
ATOM	1725	C	VAL	239	186.736	155.107	154.492	1.00	35.07
ATOM	1726	O	VAL	239	187.320	155.673	155.422	1.00	35.65
ATOM	1727	N	PHE	240	186.259	155.760	153.439	1.00	33.80
ATOM	1728	CA	PHE	240	186.440	157.196	153.294	1.00	31.77
ATOM	1729	CB	PHE	240	187.072	157.495	151.933	1.00	28.62
ATOM	1730	CG	PHE	240	188.335	156.728	151.655	1.00	28.50
ATOM	1731	CD1	PHE	240	188.328	155.657	150.770	1.00	28.28
ATOM	1732	CD2	PHE	240	189.538	157.095	152.252	1.00	28.52
ATOM	1733	CE1	PHE	240	189.494	154.965	150.478	1.00	28.80
ATOM	1734	CE2	PHE	240	190.714	156.402	151.962	1.00	28.42
ATOM	1735	CZ	PHE	240	190.688	155.337	151.074	1.00	29.85
ATOM	1736	C	PHE	240	185.221	158.080	153.431	1.00	31.57
ATOM	1737	O	PHE	240	184.082	157.635	153.306	1.00	31.32
ATOM	1738	N	GLN	241	185.499	159.357	153.671	1.00	32.52
ATOM	1739	CA	GLN	241	184.473	160.376	153.781	1.00	32.72
ATOM	1740	CB	GLN	241	185.034	161.640	154.431	1.00	36.33
ATOM	1741	CG	GLN	241	185.437	161.532	155.891	1.00	41.47
ATOM	1742	CD	GLN	241	186.133	162.796	156.374	1.00	46.32
ATOM	1743	OE1	GLN	241	186.714	162.824	157.458	1.00	48.90
ATOM	1744	NE2	GLN	241	186.076	163.852	155.562	1.00	49.99
ATOM	1745	C	GLN	241	184.150	160.701	152.334	1.00	31.45
ATOM	1746	O	GLN	241	184.956	160.430	151.441	1.00	30.29
ATOM	1747	N	ARG	242	182.986	161.282	152.083	1.00	28.98
ATOM	1748	CA	ARG	242	182.664	161.636	150.713	1.00	27.46
ATOM	1749	CB	ARG	242	181.157	161.587	150.463	1.00	24.72
ATOM	1750	CG	ARG	242	180.813	161.729	148.992	1.00	22.85
ATOM	1751	CD	ARG	242	179.330	161.652	148.744	1.00	22.19
ATOM	1752	NE	ARG	242	178.756	160.397	149.214	1.00	24.49
ATOM	1753	CZ	ARG	242	177.689	160.319	150.001	1.00	24.31
ATOM	1754	NH1	ARG	242	177.081	161.423	150.408	1.00	26.29
ATOM	1755	NH2	ARG	242	177.218	159.140	150.373	1.00	23.87
ATOM	1756	C	ARG	242	183.189	163.039	150.422	1.00	27.68
ATOM	1757	O	ARG	242	182.823	164.004	151.096	1.00	29.92
ATOM	1758	N	PRO	243	184.083	163.163	149.430	1.00	26.86
ATOM	1759	CD	PRO	243	184.630	162.074	148.603	1.00	26.04
ATOM	1760	CA	PRO	243	184.648	164.464	149.063	1.00	26.27
ATOM	1761	CB	PRO	243	185.869	164.098	148.231	1.00	25.29
ATOM	1762	CG	PRO	243	185.512	162.795	147.615	1.00	25.56

FIG. 4A - 31

ATOM	1763	C	PRO	243	183.641	165.288	148.268	1.00	25.50
ATOM	1764	O	PRO	243	182.743	164.743	147.632	1.00	27.41
ATOM	1765	N	PRO	244	183.779	166.619	148.297	1.00	23.72
ATOM	1766	CD	PRO	244	184.799	167.386	149.033	1.00	21.21
ATOM	1767	CA	PRO	244	182.862	167.495	147.568	1.00	22.44
ATOM	1768	CB	PRO	244	183.484	168.877	147.737	1.00	22.43
ATOM	1769	CG	PRO	244	184.253	168.782	149.009	1.00	19.82
ATOM	1770	C	PRO	244	182.661	167.144	146.100	1.00	23.83
ATOM	1771	O	PRO	244	183.617	166.849	145.384	1.00	25.16
ATOM	1772	N	GLY	245	181.401	167.174	145.670	1.00	24.19
ATOM	1773	CA	GLY	245	181.054	166.908	144.285	1.00	24.75
ATOM	1774	C	GLY	245	181.199	165.503	143.734	1.00	26.22
ATOM	1775	O	GLY	245	180.863	165.262	142.571	1.00	26.48
ATOM	1776	N	HIS	246	181.688	164.570	144.542	1.00	26.47
ATOM	1777	CA	HIS	246	181.861	163.202	144.064	1.00	27.44
ATOM	1778	CB	HIS	246	183.306	162.967	143.629	1.00	27.26
ATOM	1779	CG	HIS	246	183.853	164.030	142.732	1.00	27.14
ATOM	1780	CD2	HIS	246	184.309	165.274	143.002	1.00	26.40
ATOM	1781	ND1	HIS	246	183.984	163.857	141.373	1.00	26.13
ATOM	1782	CE1	HIS	246	184.501	164.951	140.842	1.00	26.16
ATOM	1783	NE2	HIS	246	184.707	165.825	141.809	1.00	27.52
ATOM	1784	C	HIS	246	181.513	162.142	145.089	1.00	28.28
ATOM	1785	O	HIS	246	181.157	162.443	146.227	1.00	30.64
ATOM	1786	N	PHE	247	181.630	160.892	144.655	1.00	28.03
ATOM	1787	CA	PHE	247	181.389	159.733	145.501	1.00	28.32
ATOM	1788	CB	PHE	247	180.353	158.809	144.862	1.00	27.24
ATOM	1789	CG	PHE	247	178.939	159.240	145.103	1.00	25.83
ATOM	1790	CD1	PHE	247	178.174	159.775	144.071	1.00	25.04
ATOM	1791	CD2	PHE	247	178.373	159.121	146.367	1.00	24.73
ATOM	1792	CE1	PHE	247	176.867	160.193	144.295	1.00	23.59
ATOM	1793	CE2	PHE	247	177.068	159.535	146.605	1.00	24.44
ATOM	1794	CZ	PHE	247	176.310	160.071	145.564	1.00	24.42
ATOM	1795	C	PHE	247	182.738	159.027	145.597	1.00	29.00
ATOM	1796	O	PHE	247	183.390	158.791	144.577	1.00	29.60
ATOM	1797	N	ALA	248	183.161	158.701	146.815	1.00	27.78
ATOM	1798	CA	ALA	248	184.450	158.050	147.016	1.00	26.64
ATOM	1799	CB	ALA	248	184.651	157.731	148.485	1.00	24.22
ATOM	1800	C	ALA	248	184.600	156.787	146.186	1.00	26.55
ATOM	1801	O	ALA	248	185.602	156.606	145.497	1.00	27.74
ATOM	1802	N	GLY	249	183.601	155.917	146.251	1.00	26.01
ATOM	1803	CA	GLY	249	183.657	154.676	145.502	1.00	26.61
ATOM	1804	C	GLY	249	183.760	154.871	144.003	1.00	28.03
ATOM	1805	O	GLY	249	184.384	154.069	143.310	1.00	27.65
ATOM	1806	N	LYS	250	183.142	155.931	143.491	1.00	29.61
ATOM	1807	CA	LYS	250	183.182	156.202	142.059	1.00	29.71
ATOM	1808	CB	LYS	250	182.124	157.237	141.679	1.00	31.15
ATOM	1809	CG	LYS	250	180.725	156.664	141.580	1.00	36.20
ATOM	1810	CD	LYS	250	179.769	157.632	140.899	1.00	41.60
ATOM	1811	CE	LYS	250	178.316	157.170	141.023	1.00	43.21
ATOM	1812	NZ	LYS	250	177.372	158.059	140.282	1.00	42.62
ATOM	1813	C	LYS	250	184.562	156.712	141.687	1.00	29.06
ATOM	1814	O	LYS	250	185.113	156.343	140.650	1.00	28.52
ATOM	1815	N	LEU	251	185.121	157.561	142.544	1.00	28.18
ATOM	1816	CA	LEU	251	186.451	158.112	142.316	1.00	27.31
ATOM	1817	CB	LEU	251	186.819	159.104	143.424	1.00	24.97
ATOM	1818	CG	LEU	251	186.230	160.516	143.370	1.00	23.99
ATOM	1819	CD1	LEU	251	186.548	161.240	144.665	1.00	21.07

FIG. 4A - 32

ATOM	1820	CD2	LEU	251	186.796	161.275	142.184	1.00	22.33
ATOM	1821	C	LEU	251	187.460	156.972	142.312	1.00	29.04
ATOM	1822	O	LEU	251	188.284	156.861	141.407	1.00	30.74
ATOM	1823	N	ILE	252	187.386	156.123	143.332	1.00	30.25
ATOM	1824	CA	ILE	252	188.295	154.987	143.461	1.00	30.71
ATOM	1825	CB	ILE	252	187.965	154.148	144.720	1.00	28.76
ATOM	1826	CG2	ILE	252	188.559	152.757	144.605	1.00	27.37
ATOM	1827	CG1	ILE	252	188.533	154.832	145.961	1.00	27.92
ATOM	1828	CD1	ILE	252	187.739	154.559	147.205	1.00	29.05
ATOM	1829	C	ILE	252	188.206	154.097	142.233	1.00	32.12
ATOM	1830	O	ILE	252	189.220	153.637	141.712	1.00	32.29
ATOM	1831	N	GLN	253	186.986	153.862	141.770	1.00	32.82
ATOM	1832	CA	GLN	253	186.772	153.021	140.604	1.00	34.29
ATOM	1833	CB	GLN	253	185.282	152.753	140.418	1.00	34.07
ATOM	1834	CG	GLN	253	184.963	151.919	139.200	1.00	33.59
ATOM	1835	CD	GLN	253	183.486	151.683	139.049	1.00	34.93
ATOM	1836	OE1	GLN	253	182.730	152.605	138.750	1.00	37.81
ATOM	1837	NE2	GLN	253	183.060	150.445	139.258	1.00	34.44
ATOM	1838	C	GLN	253	187.333	153.659	139.340	1.00	35.14
ATOM	1839	O	GLN	253	187.999	152.996	138.549	1.00	35.91
ATOM	1840	N	ASP	254	187.061	154.945	139.152	1.00	36.27
ATOM	1841	CA	ASP	254	187.544	155.657	137.975	1.00	36.75
ATOM	1842	CB	ASP	254	186.895	157.034	137.891	1.00	36.78
ATOM	1843	CG	ASP	254	185.425	156.955	137.544	1.00	37.21
ATOM	1844	OD1	ASP	254	185.002	155.914	136.997	1.00	37.11
ATOM	1845	OD2	ASP	254	184.696	157.931	137.819	1.00	38.54
ATOM	1846	C	ASP	254	189.060	155.795	137.982	1.00	36.92
ATOM	1847	O	ASP	254	189.664	156.155	136.972	1.00	37.20
ATOM	1848	N	SER	255	189.672	155.516	139.127	1.00	37.15
ATOM	1849	CA	SER	255	191.123	155.579	139.248	1.00	36.40
ATOM	1850	CB	SER	255	191.520	155.997	140.663	1.00	34.60
ATOM	1851	OG	SER	255	191.180	157.348	140.908	1.00	33.87
ATOM	1852	C	SER	255	191.694	154.194	138.936	1.00	37.31
ATOM	1853	O	SER	255	192.890	153.957	139.085	1.00	37.96
ATOM	1854	N	ASN	256	190.821	153.287	138.502	1.00	37.92
ATOM	1855	CA	ASN	256	191.204	151.919	138.163	1.00	39.85
ATOM	1856	CB	ASN	256	192.129	151.917	136.941	1.00	45.15
ATOM	1857	CG	ASN	256	192.543	150.514	136.525	1.00	51.80
ATOM	1858	OD1	ASN	256	191.768	149.560	136.649	1.00	54.82
ATOM	1859	ND2	ASN	256	193.772	150.381	136.034	1.00	54.46
ATOM	1860	C	ASN	256	191.883	151.190	139.323	1.00	37.86
ATOM	1861	O	ASN	256	192.850	150.454	139.129	1.00	37.61
ATOM	1862	N	LEU	257	191.365	151.382	140.530	1.00	34.85
ATOM	1863	CA	LEU	257	191.942	150.744	141.703	1.00	31.81
ATOM	1864	CB	LEU	257	191.871	151.695	142.895	1.00	29.64
ATOM	1865	CG	LEU	257	192.974	152.748	142.951	1.00	27.48
ATOM	1866	CD1	LEU	257	192.520	153.925	143.790	1.00	25.26
ATOM	1867	CD2	LEU	257	194.230	152.129	143.537	1.00	27.82
ATOM	1868	C	LEU	257	191.272	149.422	142.064	1.00	31.52
ATOM	1869	O	LEU	257	191.800	148.650	142.863	1.00	31.86
ATOM	1870	N	GLN	258	190.112	149.155	141.479	1.00	30.52
ATOM	1871	CA	GLN	258	189.410	147.918	141.777	1.00	30.35
ATOM	1872	CB	GLN	258	188.113	147.835	140.972	1.00	30.26
ATOM	1873	CG	GLN	258	186.930	148.531	141.638	1.00	31.84
ATOM	1874	CD	GLN	258	185.612	148.238	140.948	1.00	33.43
ATOM	1875	OE1	GLN	258	185.443	148.520	139.762	1.00	35.10
ATOM	1876	NE2	GLN	258	184.669	147.669	141.689	1.00	33.12

FIG. 4A -33

ATOM	1877	C	GLN	258	190.300	146.727	141.460	1.00	31.00
ATOM	1878	O	GLN	258	190.904	146.660	140.395	1.00	31.81
ATOM	1879	N	GLY	259	190.387	145.792	142.399	1.00	31.60
ATOM	1880	CA	GLY	259	191.209	144.616	142.194	1.00	30.72
ATOM	1881	C	GLY	259	192.636	144.788	142.681	1.00	30.99
ATOM	1882	O	GLY	259	193.387	143.815	142.737	1.00	32.02
ATOM	1883	N	HIS	260	193.018	146.014	143.029	1.00	29.64
ATOM	1884	CA	HIS	260	194.371	146.268	143.510	1.00	29.15
ATOM	1885	CB	HIS	260	194.651	147.766	143.588	1.00	28.69
ATOM	1886	CG	HIS	260	196.082	148.088	143.883	1.00	28.61
ATOM	1887	CD2	HIS	260	196.763	148.132	145.054	1.00	27.58
ATOM	1888	ND1	HIS	260	196.999	148.377	142.898	1.00	30.44
ATOM	1889	CE1	HIS	260	198.182	148.581	143.443	1.00	30.23
ATOM	1890	NE2	HIS	260	198.066	148.439	144.755	1.00	29.61
ATOM	1891	C	HIS	260	194.554	145.649	144.887	1.00	30.19
ATOM	1892	O	HIS	260	193.828	145.979	145.822	1.00	30.94
ATOM	1893	N	ARG	261	195.535	144.761	145.011	1.00	29.14
ATOM	1894	CA	ARG	261	195.774	144.083	146.274	1.00	27.15
ATOM	1895	CB	ARG	261	195.613	142.572	146.089	1.00	25.72
ATOM	1896	CG	ARG	261	195.863	141.768	147.353	1.00	25.89
ATOM	1897	CD	ARG	261	195.784	140.278	147.086	1.00	26.11
ATOM	1898	NE	ARG	261	194.655	139.943	146.229	1.00	27.38
ATOM	1899	CZ	ARG	261	194.309	138.703	145.906	1.00	28.22
ATOM	1900	NH1	ARG	261	195.006	137.677	146.375	1.00	29.34
ATOM	1901	NH2	ARG	261	193.266	138.488	145.114	1.00	28.31
ATOM	1902	C	ARG	261	197.127	144.361	146.894	1.00	26.86
ATOM	1903	O	ARG	261	198.108	144.622	146.206	1.00	27.39
ATOM	1904	N	ILE	262	197.152	144.309	148.217	1.00	27.57
ATOM	1905	CA	ILE	262	198.361	144.499	148.998	1.00	27.60
ATOM	1906	CB	ILE	262	198.421	145.898	149.628	1.00	29.12
ATOM	1907	CG2	ILE	262	199.562	145.967	150.629	1.00	27.92
ATOM	1908	CG1	ILE	262	198.633	146.948	148.536	1.00	29.07
ATOM	1909	CD1	ILE	262	198.876	148.347	149.066	1.00	27.18
ATOM	1910	C	ILE	262	198.224	143.449	150.088	1.00	27.97
ATOM	1911	O	ILE	262	197.285	143.490	150.886	1.00	27.08
ATOM	1912	N	GLY	263	199.144	142.494	150.108	1.00	27.14
ATOM	1913	CA	GLY	263	199.058	141.439	151.095	1.00	25.70
ATOM	1914	C	GLY	263	197.848	140.595	150.753	1.00	25.62
ATOM	1915	O	GLY	263	197.748	140.067	149.646	1.00	25.28
ATOM	1916	N	GLY	264	196.917	140.481	151.694	1.00	26.53
ATOM	1917	CA	GLY	264	195.722	139.694	151.452	1.00	26.19
ATOM	1918	C	GLY	264	194.472	140.548	151.365	1.00	26.56
ATOM	1919	O	GLY	264	193.358	140.023	151.359	1.00	27.69
ATOM	1920	N	VAL	265	194.655	141.864	151.291	1.00	26.72
ATOM	1921	CA	VAL	265	193.534	142.800	151.208	1.00	26.85
ATOM	1922	CB	VAL	265	193.573	143.815	152.366	1.00	26.61
ATOM	1923	CG1	VAL	265	192.294	144.645	152.367	1.00	25.28
ATOM	1924	CG2	VAL	265	193.749	143.090	153.692	1.00	24.30
ATOM	1925	C	VAL	265	193.535	143.583	149.897	1.00	26.88
ATOM	1926	O	VAL	265	194.565	144.104	149.479	1.00	27.21
ATOM	1927	N	GLU	266	192.373	143.683	149.260	1.00	27.71
ATOM	1928	CA	GLU	266	192.265	144.406	147.998	1.00	28.50
ATOM	1929	CB	GLU	266	192.324	143.422	146.830	1.00	29.04
ATOM	1930	CG	GLU	266	191.152	142.459	146.782	1.00	30.84
ATOM	1931	CD	GLU	266	191.229	141.502	145.608	1.00	34.28
ATOM	1932	OE1	GLU	266	190.173	141.192	145.018	1.00	34.82
ATOM	1933	OE2	GLU	266	192.347	141.060	145.273	1.00	36.34

FIG. 4A - 34

FIG. 4A - 34

ATOM	1934	C	GLU	266	190.993	145.235	147.872	1.00	27.97
ATOM	1935	O	GLU	266	190.024	145.028	148.601	1.00	27.45
ATOM	1936	N	VAL	267	191.009	146.181	146.940	1.00	27.58
ATOM	1937	CA	VAL	267	189.844	147.015	146.687	1.00	27.38
ATOM	1938	CB	VAL	267	190.193	148.195	145.761	1.00	25.98
ATOM	1939	CG1	VAL	267	188.926	148.833	145.224	1.00	24.38
ATOM	1940	CG2	VAL	267	191.020	149.215	146.518	1.00	22.93
ATOM	1941	C	VAL	267	188.865	146.082	145.980	1.00	28.88
ATOM	1942	O	VAL	267	189.188	145.510	144.944	1.00	30.24
ATOM	1943	N	SER	268	187.678	145.916	146.546	1.00	29.48
ATOM	1944	CA	SER	268	186.681	145.021	145.971	1.00	29.93
ATOM	1945	CB	SER	268	185.406	145.057	146.809	1.00	27.76
ATOM	1946	OG	SER	268	184.332	144.478	146.093	1.00	26.19
ATOM	1947	C	SER	268	186.331	145.301	144.509	1.00	31.59
ATOM	1948	O	SER	268	186.135	146.449	144.110	1.00	31.68
ATOM	1949	N	THR	269	186.247	144.236	143.717	1.00	32.10
ATOM	1950	CA	THR	269	185.903	144.350	142.306	1.00	31.86
ATOM	1951	CB	THR	269	186.409	143.139	141.513	1.00	30.91
ATOM	1952	OG1	THR	269	185.939	141.936	142.131	1.00	33.66
ATOM	1953	CG2	THR	269	187.920	143.121	141.482	1.00	31.32
ATOM	1954	C	THR	269	184.388	144.423	142.144	1.00	32.28
ATOM	1955	O	THR	269	183.879	144.556	141.034	1.00	34.78
ATOM	1956	N	LYS	270	183.671	144.327	143.258	1.00	31.21
ATOM	1957	CA	LYS	270	182.216	144.383	143.232	1.00	31.00
ATOM	1958	CB	LYS	270	181.640	143.310	144.153	1.00	30.84
ATOM	1959	CG	LYS	270	180.126	143.184	144.117	1.00	31.73
ATOM	1960	CD	LYS	270	179.683	142.076	145.052	1.00	32.76
ATOM	1961	CE	LYS	270	178.289	141.578	144.727	1.00	33.30
ATOM	1962	NZ	LYS	270	177.787	140.719	145.837	1.00	33.98
ATOM	1963	C	LYS	270	181.737	145.760	143.675	1.00	31.18
ATOM	1964	O	LYS	270	180.723	146.262	143.189	1.00	32.59
ATOM	1965	N	HIS	271	182.475	146.356	144.608	1.00	30.90
ATOM	1966	CA	HIS	271	182.168	147.679	145.141	1.00	29.05
ATOM	1967	CB	HIS	271	181.245	147.565	146.357	1.00	29.28
ATOM	1968	CG	HIS	271	180.656	148.870	146.790	1.00	31.12
ATOM	1969	CD2	HIS	271	179.373	149.243	147.012	1.00	32.38
ATOM	1970	ND1	HIS	271	181.426	149.988	147.034	1.00	32.76
ATOM	1971	CE1	HIS	271	180.642	150.992	147.388	1.00	32.98
ATOM	1972	NE2	HIS	271	179.394	150.565	147.382	1.00	33.22
ATOM	1973	C	HIS	271	183.477	148.362	145.540	1.00	28.49
ATOM	1974	O	HIS	271	184.044	148.079	146.597	1.00	29.87
ATOM	1975	N	ALA	272	183.947	149.263	144.685	1.00	26.31
ATOM	1976	CA	ALA	272	185.197	149.979	144.912	1.00	26.03
ATOM	1977	CB	ALA	272	185.401	151.008	143.817	1.00	24.06
ATOM	1978	C	ALA	272	185.307	150.651	146.274	1.00	26.68
ATOM	1979	O	ALA	272	186.408	150.976	146.721	1.00	26.85
ATOM	1980	N	GLY	273	184.172	150.859	146.933	1.00	26.94
ATOM	1981	CA	GLY	273	184.192	151.501	148.233	1.00	26.43
ATOM	1982	C	GLY	273	184.524	150.539	149.354	1.00	28.67
ATOM	1983	O	GLY	273	184.695	150.952	150.502	1.00	29.66
ATOM	1984	N	PHE	274	184.624	149.255	149.020	1.00	29.20
ATOM	1985	CA	PHE	274	184.923	148.218	150.001	1.00	29.51
ATOM	1986	CB	PHE	274	183.945	147.059	149.850	1.00	30.84
ATOM	1987	CG	PHE	274	182.639	147.272	150.538	1.00	32.43
ATOM	1988	CD1	PHE	274	181.655	148.063	149.960	1.00	32.99
ATOM	1989	CD2	PHE	274	182.378	146.661	151.755	1.00	33.73
ATOM	1990	CE1	PHE	274	180.425	148.239	150.586	1.00	32.87

FIG. 4A - 35

FIG. 4A - 35

ATOM	1991	CE2	PHE	274	181.154	146.832	152.385	1.00	34.32
ATOM	1992	CZ	PHE	274	180.175	147.621	151.802	1.00	33.04
ATOM	1993	C	PHE	274	186.329	147.659	149.859	1.00	30.03
ATOM	1994	O	PHE	274	186.844	147.529	148.751	1.00	31.27
ATOM	1995	N	MET	275	186.938	147.320	150.991	1.00	29.31
ATOM	1996	CA	MET	275	188.275	146.734	151.013	1.00	27.85
ATOM	1997	CB	MET	275	189.214	147.568	151.895	1.00	22.84
ATOM	1998	CG	MET	275	189.857	148.744	151.160	1.00	17.72
ATOM	1999	SD	MET	275	191.013	149.680	152.142	1.00	13.44
ATOM	2000	CE	MET	275	191.251	151.005	151.118	1.00	11.84
ATOM	2001	C	MET	275	188.079	145.333	151.596	1.00	28.81
ATOM	2002	O	MET	275	187.785	145.183	152.787	1.00	29.35
ATOM	2003	N	VAL	276	188.233	144.313	150.759	1.00	27.58
ATOM	2004	CA	VAL	276	188.022	142.941	151.198	1.00	27.71
ATOM	2005	CB	VAL	276	187.253	142.131	150.125	1.00	28.22
ATOM	2006	CG1	VAL	276	185.793	142.523	150.133	1.00	25.67
ATOM	2007	CG2	VAL	276	187.856	142.375	148.750	1.00	26.93
ATOM	2008	C	VAL	276	189.278	142.164	151.565	1.00	28.57
ATOM	2009	O	VAL	276	190.335	142.315	150.950	1.00	28.50
ATOM	2010	N	ASN	277	189.141	141.330	152.587	1.00	28.63
ATOM	2011	CA	ASN	277	190.228	140.485	153.050	1.00	28.35
ATOM	2012	CB	ASN	277	190.098	140.259	154.552	1.00	27.00
ATOM	2013	CG	ASN	277	191.285	139.540	155.133	1.00	26.43
ATOM	2014	OD1	ASN	277	192.035	138.881	154.415	1.00	26.76
ATOM	2015	ND2	ASN	277	191.466	139.659	156.444	1.00	25.80
ATOM	2016	C	ASN	277	190.055	139.173	152.294	1.00	29.80
ATOM	2017	O	ASN	277	189.404	138.247	152.777	1.00	30.60
ATOM	2018	N	VAL	278	190.630	139.108	151.096	1.00	30.20
ATOM	2019	CA	VAL	278	190.508	137.932	150.242	1.00	30.09
ATOM	2020	CB	VAL	278	190.575	138.322	148.747	1.00	27.73
ATOM	2021	CG1	VAL	278	189.395	139.204	148.384	1.00	27.69
ATOM	2022	CG2	VAL	278	191.884	139.036	148.458	1.00	25.81
ATOM	2023	C	VAL	278	191.540	136.840	150.475	1.00	31.64
ATOM	2024	O	VAL	278	191.295	135.682	150.150	1.00	32.28
ATOM	2025	N	ASP	279	192.689	137.189	151.038	1.00	32.72
ATOM	2026	CA	ASP	279	193.712	136.176	151.241	1.00	33.53
ATOM	2027	CB	ASP	279	194.687	136.202	150.066	1.00	34.74
ATOM	2028	CG	ASP	279	195.659	135.050	150.095	1.00	37.13
ATOM	2029	OD1	ASP	279	195.313	133.993	150.662	1.00	40.49
ATOM	2030	OD2	ASP	279	196.771	135.199	149.552	1.00	37.72
ATOM	2031	C	ASP	279	194.496	136.241	152.546	1.00	33.84
ATOM	2032	O	ASP	279	195.697	136.513	152.541	1.00	33.60
ATOM	2033	N	ASN	280	193.821	135.989	153.663	1.00	34.60
ATOM	2034	CA	ASN	280	194.493	135.988	154.956	1.00	34.64
ATOM	2035	CB	ASN	280	195.428	134.774	155.018	1.00	36.42
ATOM	2036	CG	ASN	280	195.786	134.373	156.431	1.00	38.05
ATOM	2037	OD1	ASN	280	195.039	134.624	157.373	1.00	39.71
ATOM	2038	ND2	ASN	280	196.941	133.740	156.585	1.00	39.52
ATOM	2039	C	ASN	280	195.287	137.280	155.147	1.00	33.29
ATOM	2040	O	ASN	280	196.444	137.251	155.557	1.00	34.36
ATOM	2041	N	GLY	281	194.654	138.410	154.851	1.00	33.29
ATOM	2042	CA	GLY	281	195.317	139.697	154.979	1.00	32.57
ATOM	2043	C	GLY	281	195.447	140.185	156.406	1.00	32.62
ATOM	2044	O	GLY	281	194.952	139.549	157.332	1.00	34.41
ATOM	2045	N	THR	282	196.108	141.324	156.589	1.00	31.67
ATOM	2046	CA	THR	282	196.301	141.876	157.922	1.00	30.82
ATOM	2047	CB	THR	282	197.778	141.840	158.340	1.00	29.91

FIG. 4A - 36

FIG. 4A - 36

ATOM	2048	OG1	THR	282	198.508	142.794	157.561	1.00	29.67
ATOM	2049	CG2	THR	282	198.365	140.457	158.131	1.00	28.74
ATOM	2050	C	THR	282	195.849	143.318	158.044	1.00	31.46
ATOM	2051	O	THR	282	195.548	143.981	157.053	1.00	31.87
ATOM	2052	N	ALA	283	195.821	143.798	159.282	1.00	31.81
ATOM	2053	CA	ALA	283	195.428	145.164	159.575	1.00	31.59
ATOM	2054	CB	ALA	283	195.391	145.378	161.079	1.00	31.46
ATOM	2055	C	ALA	283	196.447	146.091	158.939	1.00	31.63
ATOM	2056	O	ALA	283	196.165	147.256	158.667	1.00	33.07
ATOM	2057	N	THR	284	197.639	145.557	158.703	1.00	31.30
ATOM	2058	CA	THR	284	198.718	146.325	158.099	1.00	30.50
ATOM	2059	CB	THR	284	200.084	145.628	158.326	1.00	30.92
ATOM	2060	OG1	THR	284	200.190	145.214	159.696	1.00	29.40
ATOM	2061	CG2	THR	284	201.230	146.576	157.999	1.00	27.47
ATOM	2062	C	THR	284	198.468	146.491	156.602	1.00	29.85
ATOM	2063	O	THR	284	198.822	147.512	156.012	1.00	29.04
ATOM	2064	N	ASP	285	197.854	145.484	155.992	1.00	29.73
ATOM	2065	CA	ASP	285	197.550	145.537	154.568	1.00	29.96
ATOM	2066	CB	ASP	285	197.045	144.173	154.078	1.00	30.03
ATOM	2067	CG	ASP	285	198.132	143.104	154.086	1.00	30.48
ATOM	2068	OD1	ASP	285	199.331	143.458	154.046	1.00	30.98
ATOM	2069	OD2	ASP	285	197.786	141.903	154.127	1.00	29.93
ATOM	2070	C	ASP	285	196.476	146.600	154.350	1.00	29.40
ATOM	2071	O	ASP	285	196.576	147.416	153.439	1.00	29.10
ATOM	2072	N	TYR	286	195.455	146.579	155.204	1.00	29.85
ATOM	2073	CA	TYR	286	194.352	147.534	155.137	1.00	29.67
ATOM	2074	CB	TYR	286	193.413	147.345	156.333	1.00	27.64
ATOM	2075	CG	TYR	286	192.253	146.415	156.057	1.00	27.67
ATOM	2076	CD1	TYR	286	192.291	145.079	156.460	1.00	25.85
ATOM	2077	CE1	TYR	286	191.236	144.214	156.179	1.00	23.29
ATOM	2078	CD2	TYR	286	191.126	146.863	155.369	1.00	26.76
ATOM	2079	CE2	TYR	286	190.068	146.004	155.086	1.00	24.12
ATOM	2080	CZ	TYR	286	190.134	144.685	155.494	1.00	22.76
ATOM	2081	OH	TYR	286	189.096	143.832	155.215	1.00	24.14
ATOM	2082	C	TYR	286	194.892	148.952	155.150	1.00	30.82
ATOM	2083	O	TYR	286	194.623	149.744	154.251	1.00	31.89
ATOM	2084	N	GLU	287	195.663	149.265	156.181	1.00	31.87
ATOM	2085	CA	GLU	287	196.237	150.591	156.322	1.00	33.28
ATOM	2086	CB	GLU	287	197.066	150.657	157.601	1.00	33.30
ATOM	2087	CG	GLU	287	197.630	152.028	157.891	1.00	36.22
ATOM	2088	CD	GLU	287	197.894	152.248	159.365	1.00	38.88
ATOM	2089	OE1	GLU	287	198.192	151.267	160.078	1.00	40.17
ATOM	2090	OE2	GLU	287	197.802	153.410	159.809	1.00	40.14
ATOM	2091	C	GLU	287	197.103	150.979	155.129	1.00	33.95
ATOM	2092	O	GLU	287	197.065	152.120	154.668	1.00	34.71
ATOM	2093	N	ASN	288	197.887	150.029	154.635	1.00	34.50
ATOM	2094	CA	ASN	288	198.761	150.285	153.501	1.00	33.74
ATOM	2095	CB	ASN	288	199.686	149.089	153.274	1.00	36.54
ATOM	2096	CG	ASN	288	200.825	149.034	154.280	1.00	39.75
ATOM	2097	OD1	ASN	288	201.316	147.956	154.626	1.00	41.60
ATOM	2098	ND2	ASN	288	201.251	150.201	154.756	1.00	39.30
ATOM	2099	C	ASN	288	197.939	150.553	152.250	1.00	32.74
ATOM	2100	O	ASN	288	198.247	151.455	151.473	1.00	32.74
ATOM	2101	N	LEU	289	196.884	149.768	152.065	1.00	31.47
ATOM	2102	CA	LEU	289	196.017	149.916	150.905	1.00	30.00
ATOM	2103	CB	LEU	289	195.019	148.755	150.839	1.00	28.72
ATOM	2104	CG	LEU	289	194.206	148.584	149.552	1.00	28.80

FIG. 4A - 37

ATOM	2105	CD1	LEU	289	195.124	148.544	148.334	1.00	28.25
ATOM	2106	CD2	LEU	289	193.397	147.303	149.651	1.00	26.82
ATOM	2107	C	LEU	289	195.268	151.240	150.956	1.00	30.08
ATOM	2108	O	LEU	289	195.020	151.856	149.921	1.00	29.90
ATOM	2109	N	ILE	290	194.904	151.672	152.160	1.00	29.54
ATOM	2110	CA	ILE	290	194.194	152.935	152.321	1.00	30.98
ATOM	2111	CB	ILE	290	193.809	153.183	153.802	1.00	29.90
ATOM	2112	CG2	ILE	290	193.629	154.670	154.060	1.00	29.21
ATOM	2113	CG1	ILE	290	192.511	152.443	154.133	1.00	29.16
ATOM	2114	CD1	ILE	290	192.370	152.078	155.597	1.00	28.20
ATOM	2115	C	ILE	290	195.121	154.048	151.848	1.00	33.27
ATOM	2116	O	ILE	290	194.742	154.888	151.028	1.00	33.84
ATOM	2117	N	HIS	291	196.344	154.043	152.371	1.00	33.95
ATOM	2118	CA	HIS	291	197.340	155.039	152.001	1.00	33.23
ATOM	2119	CB	HIS	291	198.675	154.721	152.676	1.00	34.91
ATOM	2120	CG	HIS	291	198.663	154.911	154.159	1.00	37.51
ATOM	2121	CD2	HIS	291	199.487	154.439	155.125	1.00	39.37
ATOM	2122	ND1	HIS	291	197.718	155.678	154.803	1.00	39.28
ATOM	2123	CE1	HIS	291	197.959	155.672	156.103	1.00	40.30
ATOM	2124	NE2	HIS	291	199.027	154.927	156.323	1.00	41.59
ATOM	2125	C	HIS	291	197.527	155.047	150.487	1.00	32.35
ATOM	2126	O	HIS	291	197.598	156.103	149.864	1.00	32.87
ATOM	2127	N	TYR	292	197.595	153.859	149.898	1.00	31.95
ATOM	2128	CA	TYR	292	197.792	153.731	148.460	1.00	32.35
ATOM	2129	CB	TYR	292	198.090	152.278	148.092	1.00	32.04
ATOM	2130	CG	TYR	292	198.309	152.084	146.615	1.00	32.64
ATOM	2131	CD1	TYR	292	199.545	152.355	146.032	1.00	33.35
ATOM	2132	CE1	TYR	292	199.739	152.211	144.658	1.00	32.19
ATOM	2133	CD2	TYR	292	197.270	151.663	145.790	1.00	33.99
ATOM	2134	CE2	TYR	292	197.451	151.516	144.421	1.00	32.38
ATOM	2135	CZ	TYR	292	198.685	151.791	143.862	1.00	31.54
ATOM	2136	OH	TYR	292	198.853	151.630	142.508	1.00	29.80
ATOM	2137	C	TYR	292	196.605	154.222	147.643	1.00	33.22
ATOM	2138	O	TYR	292	196.776	154.762	146.546	1.00	33.63
ATOM	2139	N	VAL	293	195.400	154.021	148.166	1.00	33.13
ATOM	2140	CA	VAL	293	194.200	154.461	147.467	1.00	31.92
ATOM	2141	CB	VAL	293	192.928	153.852	148.108	1.00	32.32
ATOM	2142	CG1	VAL	293	191.688	154.646	147.700	1.00	31.58
ATOM	2143	CG2	VAL	293	192.788	152.402	147.681	1.00	30.62
ATOM	2144	C	VAL	293	194.134	155.983	147.517	1.00	31.08
ATOM	2145	O	VAL	293	193.808	156.634	146.529	1.00	29.34
ATOM	2146	N	GLN	294	194.461	156.543	148.675	1.00	30.97
ATOM	2147	CA	GLN	294	194.449	157.987	148.854	1.00	32.24
ATOM	2148	CB	GLN	294	194.821	158.343	150.290	1.00	29.82
ATOM	2149	CG	GLN	294	193.725	158.093	151.294	1.00	30.16
ATOM	2150	CD	GLN	294	194.221	158.224	152.714	1.00	31.27
ATOM	2151	OE1	GLN	294	195.314	157.769	153.039	1.00	34.66
ATOM	2152	NE2	GLN	294	193.420	158.850	153.570	1.00	32.25
ATOM	2153	C	GLN	294	195.450	158.637	147.915	1.00	34.35
ATOM	2154	O	GLN	294	195.187	159.691	147.336	1.00	34.69
ATOM	2155	N	LYS	295	196.606	157.999	147.774	1.00	35.96
ATOM	2156	CA	LYS	295	197.663	158.515	146.917	1.00	37.25
ATOM	2157	CB	LYS	295	198.964	157.744	147.169	1.00	40.57
ATOM	2158	CG	LYS	295	200.017	157.911	146.077	1.00	43.85
ATOM	2159	CD	LYS	295	201.282	157.128	146.397	1.00	47.02
ATOM	2160	CE	LYS	295	202.206	157.056	145.192	1.00	50.19
ATOM	2161	NZ	LYS	295	203.244	158.124	145.230	1.00	52.77

FIG. 4A - 38

FIG. 4A - 38

ATOM	2162	C	LYS	295	197.297	158.435	145.442	1.00	35.73
ATOM	2163	O	LYS	295	197.489	159.390	144.695	1.00	34.90
ATOM	2164	N	THR	296	196.768	157.294	145.023	1.00	34.66
ATOM	2165	CA	THR	296	196.402	157.110	143.628	1.00	34.58
ATOM	2166	CB	THR	296	195.976	155.670	143.366	1.00	33.81
ATOM	2167	OG1	THR	296	196.961	154.785	143.910	1.00	33.20
ATOM	2168	CG2	THR	296	195.832	155.423	141.875	1.00	31.99
ATOM	2169	C	THR	296	195.282	158.037	143.179	1.00	35.95
ATOM	2170	O	THR	296	195.324	158.577	142.076	1.00	36.45
ATOM	2171	N	VAL	297	194.280	158.217	144.032	1.00	36.43
ATOM	2172	CA	VAL	297	193.152	159.077	143.697	1.00	36.41
ATOM	2173	CB	VAL	297	192.022	158.967	144.748	1.00	35.23
ATOM	2174	CG1	VAL	297	191.013	160.087	144.544	1.00	32.54
ATOM	2175	CG2	VAL	297	191.338	157.609	144.641	1.00	32.42
ATOM	2176	C	VAL	297	193.604	160.523	143.610	1.00	37.60
ATOM	2177	O	VAL	297	193.243	161.240	142.681	1.00	37.46
ATOM	2178	N	LYS	298	194.400	160.945	144.586	1.00	39.63
ATOM	2179	CA	LYS	298	194.907	162.310	144.623	1.00	41.88
ATOM	2180	CB	LYS	298	195.812	162.499	145.837	1.00	42.21
ATOM	2181	CG	LYS	298	196.249	163.928	146.053	1.00	43.88
ATOM	2182	CD	LYS	298	197.047	164.054	147.327	1.00	46.54
ATOM	2183	CE	LYS	298	197.471	165.486	147.561	1.00	48.25
ATOM	2184	NZ	LYS	298	198.278	165.590	148.802	1.00	52.18
ATOM	2185	C	LYS	298	195.680	162.638	143.353	1.00	42.87
ATOM	2186	O	LYS	298	195.636	163.761	142.861	1.00	43.61
ATOM	2187	N	GLU	299	196.390	161.651	142.823	1.00	43.86
ATOM	2188	CA	GLU	299	197.166	161.852	141.613	1.00	44.99
ATOM	2189	CB	GLU	299	198.177	160.715	141.443	1.00	46.84
ATOM	2190	CG	GLU	299	199.317	160.749	142.452	1.00	50.50
ATOM	2191	CD	GLU	299	200.213	159.519	142.380	1.00	53.35
ATOM	2192	OE1	GLU	299	199.859	158.555	141.662	1.00	52.98
ATOM	2193	OE2	GLU	299	201.274	159.519	143.046	1.00	53.38
ATOM	2194	C	GLU	299	196.269	161.929	140.386	1.00	45.07
ATOM	2195	O	GLU	299	196.520	162.713	139.478	1.00	46.36
ATOM	2196	N	LYS	300	195.213	161.125	140.367	1.00	45.88
ATOM	2197	CA	LYS	300	194.301	161.098	139.230	1.00	46.96
ATOM	2198	CB	LYS	300	193.506	159.793	139.215	1.00	48.55
ATOM	2199	CG	LYS	300	194.349	158.549	139.370	1.00	52.60
ATOM	2200	CD	LYS	300	194.843	158.052	138.029	1.00	54.60
ATOM	2201	CE	LYS	300	195.765	156.857	138.196	1.00	56.00
ATOM	2202	NZ	LYS	300	195.192	155.648	137.543	1.00	55.96
ATOM	2203	C	LYS	300	193.319	162.255	139.174	1.00	46.85
ATOM	2204	O	LYS	300	193.020	162.760	138.094	1.00	49.16
ATOM	2205	N	PHE	301	192.814	162.673	140.329	1.00	45.28
ATOM	2206	CA	PHE	301	191.835	163.751	140.370	1.00	43.57
ATOM	2207	CB	PHE	301	190.503	163.215	140.889	1.00	45.24
ATOM	2208	CG	PHE	301	189.957	162.076	140.087	1.00	46.10
ATOM	2209	CD1	PHE	301	190.302	160.767	140.391	1.00	46.50
ATOM	2210	CD2	PHE	301	189.094	162.313	139.028	1.00	47.55
ATOM	2211	CE1	PHE	301	189.792	159.708	139.651	1.00	47.98
ATOM	2212	CE2	PHE	301	188.578	161.263	138.281	1.00	48.94
ATOM	2213	CZ	PHE	301	188.928	159.956	138.593	1.00	48.49
ATOM	2214	C	PHE	301	192.235	164.952	141.210	1.00	41.83
ATOM	2215	O	PHE	301	191.547	165.968	141.206	1.00	43.27
ATOM	2216	N	GLY	302	193.339	164.844	141.933	1.00	39.26
ATOM	2217	CA	GLY	302	193.752	165.957	142.761	1.00	37.23
ATOM	2218	C	GLY	302	192.813	166.099	143.940	1.00	36.91

FIG. 4A - 39

ATOM	2219	O	GLY	302	192.750	167.149	144.576	1.00	37.96
ATOM	2220	N	ILE	303	192.071	165.036	144.229	1.00	36.55
ATOM	2221	CA	ILE	303	191.141	165.046	145.345	1.00	35.65
ATOM	2222	CB	ILE	303	189.756	164.538	144.916	1.00	34.46
ATOM	2223	CG2	ILE	303	188.915	164.220	146.142	1.00	33.99
ATOM	2224	CG1	ILE	303	189.059	165.601	144.068	1.00	32.08
ATOM	2225	CD1	ILE	303	188.182	165.034	142.979	1.00	29.09
ATOM	2226	C	ILE	303	191.678	164.156	146.454	1.00	36.97
ATOM	2227	O	ILE	303	192.140	163.046	146.202	1.00	36.79
ATOM	2228	N	GLU	304	191.614	164.648	147.685	1.00	38.69
ATOM	2229	CA	GLU	304	192.108	163.901	148.837	1.00	42.13
ATOM	2230	CB	GLU	304	192.858	164.836	149.784	1.00	45.89
ATOM	2231	CG	GLU	304	193.907	165.706	149.122	1.00	54.41
ATOM	2232	CD	GLU	304	195.137	165.890	149.992	1.00	59.06
ATOM	2233	OE1	GLU	304	195.283	166.974	150.597	1.00	61.28
ATOM	2234	OE2	GLU	304	195.958	164.950	150.070	1.00	61.94
ATOM	2235	C	GLU	304	191.001	163.208	149.618	1.00	41.47
ATOM	2236	O	GLU	304	190.149	163.866	150.209	1.00	43.14
ATOM	2237	N	LEU	305	191.026	161.881	149.631	1.00	39.59
ATOM	2238	CA	LEU	305	190.033	161.125	150.357	1.00	36.58
ATOM	2239	CB	LEU	305	189.939	159.702	149.814	1.00	32.97
ATOM	2240	CG	LEU	305	189.397	159.586	148.392	1.00	30.06
ATOM	2241	CD1	LEU	305	189.663	158.196	147.838	1.00	30.29
ATOM	2242	CD2	LEU	305	187.905	159.869	148.404	1.00	28.59
ATOM	2243	C	LEU	305	190.458	161.091	151.807	1.00	36.98
ATOM	2244	O	LEU	305	191.609	160.835	152.147	1.00	36.42
ATOM	2245	N	ASN	306	189.516	161.394	152.671	1.00	37.32
ATOM	2246	CA	ASN	306	189.814	161.349	154.070	1.00	37.00
ATOM	2247	CB	ASN	306	189.171	162.550	154.780	1.00	38.24
ATOM	2248	CG	ASN	306	189.778	163.889	154.354	1.00	39.92
ATOM	2249	OD1	ASN	306	189.081	164.857	153.990	1.00	41.88
ATOM	2250	ND2	ASN	306	191.085	163.952	154.423	1.00	40.93
ATOM	2251	C	ASN	306	189.220	160.053	154.601	1.00	37.10
ATOM	2252	O	ASN	306	188.110	159.670	154.198	1.00	37.29
ATOM	2253	N	ARG	307	189.944	159.376	155.495	1.00	37.28
ATOM	2254	CA	ARG	307	189.490	158.126	156.119	1.00	37.98
ATOM	2255	CB	ARG	307	190.663	157.477	156.913	1.00	38.64
ATOM	2256	CG	ARG	307	190.647	155.956	156.901	1.00	39.08
ATOM	2257	CD	ARG	307	191.529	155.453	158.036	1.00	40.11
ATOM	2258	NE	ARG	307	192.696	156.308	158.273	1.00	41.28
ATOM	2259	CZ	ARG	307	193.043	156.788	159.461	1.00	42.17
ATOM	2260	NH1	ARG	307	192.304	156.507	160.528	1.00	42.47
ATOM	2261	NH2	ARG	307	194.129	157.547	159.600	1.00	43.97
ATOM	2262	C	ARG	307	188.268	158.307	157.040	1.00	37.06
ATOM	2263	O	ARG	307	188.202	159.234	157.844	1.00	37.53
ATOM	2264	N	GLU	308	187.280	157.436	156.935	1.00	36.87
ATOM	2265	CA	GLU	308	186.119	157.510	157.783	1.00	38.77
ATOM	2266	CB	GLU	308	184.860	157.180	157.027	1.00	40.97
ATOM	2267	CG	GLU	308	183.719	156.687	157.922	1.00	47.07
ATOM	2268	CD	GLU	308	183.063	157.778	158.792	1.00	51.54
ATOM	2269	OE1	GLU	308	182.126	157.437	159.561	1.00	54.63
ATOM	2270	OE2	GLU	308	183.471	158.960	158.714	1.00	53.01
ATOM	2271	C	GLU	308	186.321	156.462	158.880	1.00	38.78
ATOM	2272	O	GLU	308	186.072	156.745	160.034	1.00	39.09
ATOM	2273	N	VAL	309	186.763	155.250	158.535	1.00	37.71
ATOM	2274	CA	VAL	309	186.960	154.170	159.516	1.00	36.70
ATOM	2275	CB	VAL	309	187.161	152.825	158.812	1.00	36.59

FIG. 4A - 40

ATOM	2276	CG1	VAL	309	188.450	152.855	158.006	1.00	36.44
ATOM	2277	CG2	VAL	309	187.158	151.703	159.819	1.00	35.54
ATOM	2278	C	VAL	309	188.141	154.405	160.466	1.00	36.46
ATOM	2279	O	VAL	309	189.245	154.758	160.044	1.00	36.49
ATOM	2280	N	ARG	310	187.878	154.214	161.755	1.00	36.18
ATOM	2281	CA	ARG	310	188.868	154.389	162.798	1.00	36.22
ATOM	2282	CB	ARG	310	188.168	154.426	164.165	1.00	40.27
ATOM	2283	CG	ARG	310	188.877	155.245	165.238	1.00	47.82
ATOM	2284	CD	ARG	310	188.059	155.359	166.533	1.00	52.17
ATOM	2285	NE	ARG	310	187.698	154.062	167.107	1.00	58.10
ATOM	2286	CZ	ARG	310	187.717	153.783	168.410	1.00	60.88
ATOM	2287	NH1	ARG	310	188.078	154.711	169.288	1.00	63.01
ATOM	2288	NH2	ARG	310	187.362	152.577	168.841	1.00	60.46
ATOM	2289	C	ARG	310	189.853	153.222	162.752	1.00	33.96
ATOM	2290	O	ARG	310	189.468	152.087	162.467	1.00	33.49
ATOM	2291	N	ILE	311	191.125	153.511	163.005	1.00	31.84
ATOM	2292	CA	ILE	311	192.161	152.483	163.037	1.00	30.77
ATOM	2293	CB	ILE	311	193.277	152.739	161.996	1.00	30.28
ATOM	2294	CG2	ILE	311	194.417	151.746	162.200	1.00	28.38
ATOM	2295	CG1	ILE	311	192.714	152.593	160.579	1.00	30.49
ATOM	2296	CD1	ILE	311	193.761	152.674	159.488	1.00	26.78
ATOM	2297	C	ILE	311	192.760	152.582	164.427	1.00	29.72
ATOM	2298	O	ILE	311	193.257	153.635	164.807	1.00	31.17
ATOM	2299	N	ILE	312	192.703	151.498	165.193	1.00	28.82
ATOM	2300	CA	ILE	312	193.236	151.518	166.551	1.00	27.85
ATOM	2301	CB	ILE	312	192.093	151.406	167.586	1.00	26.31
ATOM	2302	CG2	ILE	312	191.206	152.633	167.504	1.00	25.22
ATOM	2303	CG1	ILE	312	191.256	150.154	167.315	1.00	24.57
ATOM	2304	CD1	ILE	312	190.268	149.817	168.421	1.00	23.56
ATOM	2305	C	ILE	312	194.251	150.409	166.799	1.00	28.22
ATOM	2306	O	ILE	312	194.491	149.571	165.936	1.00	28.80
ATOM	2307	N	GLY	313	194.854	150.409	167.980	1.00	28.37
ATOM	2308	CA	GLY	313	195.828	149.382	168.288	1.00	30.55
ATOM	2309	C	GLY	313	197.245	149.844	168.030	1.00	32.09
ATOM	2310	O	GLY	313	197.465	150.953	167.545	1.00	32.64
ATOM	2311	N	GLU	314	198.208	148.984	168.342	1.00	33.12
ATOM	2312	CA	GLU	314	199.618	149.303	168.168	1.00	34.21
ATOM	2313	CB	GLU	314	200.400	148.868	169.405	1.00	34.20
ATOM	2314	CG	GLU	314	199.815	149.352	170.705	1.00	38.23
ATOM	2315	CD	GLU	314	199.846	150.860	170.812	1.00	42.74
ATOM	2316	OE1	GLU	314	200.725	151.486	170.179	1.00	44.45
ATOM	2317	OE2	GLU	314	198.989	151.419	171.528	1.00	44.13
ATOM	2318	C	GLU	314	200.251	148.647	166.953	1.00	35.38
ATOM	2319	O	GLU	314	199.843	147.567	166.532	1.00	35.52
ATOM	2320	N	HIS	315	201.258	149.315	166.395	1.00	36.51
ATOM	2321	CA	HIS	315	201.990	148.780	165.255	1.00	37.34
ATOM	2322	CB	HIS	315	202.920	149.840	164.669	1.00	36.27
ATOM	2323	CG	HIS	315	202.217	150.974	163.982	1.00	35.04
ATOM	2324	CD2	HIS	315	201.959	152.241	164.390	1.00	34.37
ATOM	2325	ND1	HIS	315	201.722	150.878	162.699	1.00	35.28
ATOM	2326	CE1	HIS	315	201.192	152.033	162.346	1.00	34.94
ATOM	2327	NE2	HIS	315	201.321	152.879	163.351	1.00	34.35
ATOM	2328	C	HIS	315	202.805	147.636	165.858	1.00	38.99
ATOM	2329	O	HIS	315	203.248	147.722	167.003	1.00	39.19
ATOM	2330	N	PRO	316	202.990	146.538	165.103	1.00	41.36
ATOM	2331	CD	PRO	316	202.431	146.318	163.771	1.00	41.52
ATOM	2332	CA	PRO	316	203.751	145.373	165.577	1.00	43.97

FIG. 4A - 4I

09/632.947 "T E E 1650"

ATOM	2333	CB	PRO	316	203.637	144.369	164.419	1.00	42.74
ATOM	2334	CG	PRO	316	203.229	145.164	163.254	1.00	42.33
ATOM	2335	C	PRO	316	205.199	145.639	165.940	1.00	46.96
ATOM	2336	O	PRO	316	205.804	146.592	165.437	1.00	47.04
ATOM	2337	N	LYS	317	205.734	144.794	166.842	1.00	50.74
ATOM	2338	CA	LYS	317	207.126	144.839	167.304	1.00	54.77
ATOM	2339	CB	LYS	317	208.046	145.196	166.135	1.00	57.74
ATOM	2340	CG	LYS	317	208.149	144.150	165.057	1.00	62.70
ATOM	2341	CD	LYS	317	209.053	144.611	163.919	1.00	66.95
ATOM	2342	CE	LYS	317	209.057	143.582	162.788	1.00	70.31
ATOM	2343	NZ	LYS	317	209.927	143.979	161.642	1.00	70.87
ATOM	2344	C	LYS	317	207.340	145.819	168.443	1.00	56.09
ATOM	2345	O	LYS	317	207.184	145.485	169.622	1.00	58.24
ATOM	2346	AP	FAD	401	182.636	147.495	166.101	1.00	24.52
ATOM	2347	AO1	FAD	401	182.979	146.348	167.027	1.00	24.47
ATOM	2348	AO2	FAD	401	183.245	147.390	164.719	1.00	25.30
ATOM	2349	AO5*	FAD	401	183.047	148.875	166.777	1.00	24.92
ATOM	2350	AC5*	FAD	401	182.725	150.102	166.123	1.00	23.41
ATOM	2351	AC1*	FAD	401	182.446	151.147	169.364	1.00	24.12
ATOM	2352	AO4*	FAD	401	181.922	151.326	168.046	1.00	24.97
ATOM	2353	AC2*	FAD	401	183.892	150.727	169.178	1.00	25.08
ATOM	2354	AO2*	FAD	401	184.699	151.169	170.269	1.00	25.23
ATOM	2355	AC3*	FAD	401	184.254	151.331	167.809	1.00	25.53
ATOM	2356	AO3*	FAD	401	184.671	152.732	167.891	1.00	26.72
ATOM	2357	AC4*	FAD	401	182.963	151.305	167.026	1.00	25.17
ATOM	2358	AN9	FAD	401	181.517	150.248	170.025	1.00	23.79
ATOM	2359	AC8	FAD	401	181.352	148.988	169.513	1.00	24.28
ATOM	2360	AN7	FAD	401	180.428	148.405	170.475	1.00	22.93
ATOM	2361	AC5	FAD	401	180.186	149.437	171.527	1.00	22.76
ATOM	2362	AC6	FAD	401	179.449	149.625	172.808	1.00	22.97
ATOM	2363	AN6	FAD	401	178.666	148.676	173.318	1.00	22.70
ATOM	2364	AN1	FAD	401	179.569	150.818	173.512	1.00	24.01
ATOM	2365	AC2	FAD	401	180.382	151.791	173.015	1.00	23.88
ATOM	2366	AN3	FAD	401	181.053	151.750	171.896	1.00	25.65
ATOM	2367	AC4	FAD	401	180.910	150.530	171.214	1.00	23.76
ATOM	2368	O3P	FAD	401	181.090	147.612	165.991	1.00	23.11
ATOM	2369	N1	FAD	401	176.858	150.792	158.754	1.00	23.35
ATOM	2370	C2	FAD	401	175.691	151.496	158.557	1.00	22.63
ATOM	2371	O2	FAD	401	175.374	152.413	159.260	1.00	25.16
ATOM	2372	N3	FAD	401	174.889	151.144	157.517	1.00	22.71
ATOM	2373	C4	FAD	401	175.118	150.103	156.691	1.00	22.68
ATOM	2374	O4	FAD	401	174.347	149.768	155.802	1.00	24.70
ATOM	2375	C4A	FAD	401	176.402	149.307	156.860	1.00	21.88
ATOM	2376	N5	FAD	401	176.737	148.251	156.031	1.00	20.90
ATOM	2377	C5A	FAD	401	177.911	147.556	156.176	1.00	21.42
ATOM	2378	C6	FAD	401	178.226	146.516	155.278	1.00	19.27
ATOM	2379	C7	FAD	401	179.409	145.747	155.450	1.00	20.88
ATOM	2380	C7M	FAD	401	179.701	144.659	154.443	1.00	20.59
ATOM	2381	C8	FAD	401	180.270	146.046	156.569	1.00	21.32
ATOM	2382	C8M	FAD	401	181.478	145.142	156.694	1.00	19.07
ATOM	2383	C9	FAD	401	179.930	147.099	157.424	1.00	20.73
ATOM	2384	C9A	FAD	401	178.754	147.888	157.240	1.00	21.78
ATOM	2385	N10	FAD	401	178.403	148.978	158.109	1.00	22.68
ATOM	2386	C10	FAD	401	177.242	149.736	157.968	1.00	23.48
ATOM	2387	C1*	FAD	401	179.274	149.419	159.255	1.00	23.78
ATOM	2388	C2*	FAD	401	179.038	148.602	160.561	1.00	25.38
ATOM	2389	O2*	FAD	401	178.327	147.389	160.373	1.00	23.95

FIG. 4A - 42

ATOM	2390	C3*	FAD	401	178.355	149.494	161.637	1.00	26.09
ATOM	2391	O3*	FAD	401	179.108	150.649	161.959	1.00	29.51
ATOM	2392	C4*	FAD	401	177.985	148.690	162.915	1.00	26.22
ATOM	2393	O4*	FAD	401	177.020	149.359	163.705	1.00	29.64
ATOM	2394	C5*	FAD	401	179.210	148.302	163.764	1.00	24.21
ATOM	2395	O5*	FAD	401	178.796	147.363	164.769	1.00	24.40
ATOM	2396	P	FAD	401	179.974	146.580	165.397	1.00	22.09
ATOM	2397	O1P	FAD	401	179.384	145.753	166.522	1.00	21.03
ATOM	2398	O2P	FAD	401	180.603	145.733	164.304	1.00	21.01
ATOM	2399	OH2	TIP3	501	164.718	135.631	159.010	1.00	40.48
ATOM	2400	OH2	TIP3	502	155.694	136.831	153.194	1.00	36.75
ATOM	2401	OH2	TIP3	503	162.775	150.346	151.241	1.00	30.51
ATOM	2402	OH2	TIP3	504	181.850	158.959	161.722	1.00	66.31
ATOM	2403	OH2	TIP3	505	178.974	134.227	177.921	1.00	17.95
ATOM	2404	OH2	TIP3	506	176.285	138.612	170.349	1.00	21.57
ATOM	2405	OH2	TIP3	507	162.813	137.237	171.345	1.00	22.11
ATOM	2406	OH2	TIP3	508	160.719	146.161	161.250	1.00	19.48
ATOM	2407	OH2	TIP3	509	178.606	146.237	171.341	1.00	15.91
ATOM	2408	OH2	TIP3	510	195.405	158.630	157.390	1.00	21.33
ATOM	2409	OH2	TIP3	511	193.436	131.043	156.577	1.00	15.64
ATOM	2410	OH2	TIP3	512	177.918	140.856	162.393	1.00	27.30
ATOM	2411	OH2	TIP3	513	166.124	166.124	166.124	1.00	33.40
ATOM	2412	OH2	TIP3	514	170.571	145.963	180.503	1.00	25.24
ATOM	2413	OH2	TIP3	515	182.430	136.948	155.786	1.00	21.00
ATOM	2414	OH2	TIP3	516	175.611	153.313	189.312	1.00	32.77
ATOM	2415	OH2	TIP3	517	162.705	150.094	157.994	1.00	26.25
ATOM	2416	OH2	TIP3	518	162.244	144.156	160.377	1.00	19.26
ATOM	2417	OH2	TIP3	519	176.934	134.595	173.808	1.00	23.67
ATOM	2418	OH2	TIP3	520	176.277	141.072	167.354	1.00	18.25
ATOM	2419	OH2	TIP3	521	162.496	148.001	149.834	1.00	31.27
ATOM	2420	OH2	TIP3	522	197.691	144.141	142.645	1.00	24.00
ATOM	2421	OH2	TIP3	523	165.089	149.250	180.265	1.00	31.17
ATOM	2422	OH2	TIP3	524	170.628	161.816	161.515	1.00	29.20
ATOM	2423	OH2	TIP3	525	184.220	141.824	170.925	1.00	24.43
ATOM	2424	OH2	TIP3	526	192.056	157.235	163.596	1.00	36.12
ATOM	2425	OH2	TIP3	527	172.009	147.193	185.478	1.00	26.98
ATOM	2426	OH2	TIP3	528	152.972	138.333	165.234	1.00	39.09
ATOM	2427	OH2	TIP3	529	170.361	163.399	163.392	1.00	29.14
ATOM	2428	OH2	TIP3	530	169.966	142.519	153.894	1.00	24.95
ATOM	2429	OH2	TIP3	531	186.366	152.070	173.000	1.00	21.92
ATOM	2430	OH2	TIP3	532	165.070	159.221	154.605	1.00	36.56
ATOM	2431	OH2	TIP3	533	169.694	155.603	155.831	1.00	23.04
ATOM	2432	OH2	TIP3	534	172.568	135.104	166.061	1.00	32.28
ATOM	2433	OH2	TIP3	535	190.714	131.661	174.130	1.00	28.29
ATOM	2434	OH2	TIP3	536	191.844	134.782	169.868	1.00	25.25
ATOM	2435	OH2	TIP3	537	169.954	144.899	153.244	1.00	14.59
ATOM	2436	OH2	TIP3	538	178.402	137.750	168.115	1.00	39.68
ATOM	2437	OH2	TIP3	539	186.394	133.232	189.530	1.00	38.93
ATOM	2438	OH2	TIP3	540	174.125	136.938	170.045	1.00	25.19
ATOM	2439	OH2	TIP3	541	180.468	136.315	173.453	1.00	33.42
ATOM	2440	OH2	TIP3	542	189.544	154.240	178.908	1.00	30.86
ATOM	2441	OH2	TIP3	543	170.271	165.503	170.008	1.00	42.72
ATOM	2442	OH2	TIP3	544	157.497	136.738	157.081	1.00	34.31
ATOM	2443	OH2	TIP3	545	172.502	144.875	179.109	1.00	18.73
ATOM	2444	OH2	TIP3	546	186.598	136.892	177.331	1.00	20.39
ATOM	2445	OH2	TIP3	547	151.860	143.858	165.263	1.00	25.28
ATOM	2446	OH2	TIP3	548	172.612	138.352	168.348	1.00	15.94

FIG. 4A - 43

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ATOM	2447	OH2	TIP3	549	179.698	138.420	188.484	1.00	32.65
ATOM	2448	OH2	TIP3	550	187.966	148.723	191.840	1.00	47.09
ATOM	2449	OH2	TIP3	551	176.304	162.014	179.188	1.00	35.77
ATOM	2450	OH2	TIP3	552	187.297	153.719	182.668	1.00	26.21
ATOM	2451	OH2	TIP3	553	163.053	153.278	155.870	1.00	46.04
ATOM	2452	OH2	TIP3	554	175.030	147.291	163.950	1.00	27.71
ATOM	2453	OH2	TIP3	555	150.693	144.342	163.141	1.00	44.55
ATOM	2454	OH2	TIP3	556	186.054	134.501	178.472	1.00	26.89
ATOM	2455	OH2	TIP3	557	155.967	139.092	151.536	1.00	23.04
ATOM	2456	OH2	TIP3	558	181.663	141.859	153.739	1.00	36.09
ATOM	2457	OH2	TIP3	559	166.447	137.098	165.886	1.00	22.53
ATOM	2458	OH2	TIP3	560	167.948	153.122	142.920	1.00	33.53
ATOM	2459	OH2	TIP3	561	155.298	137.067	155.622	1.00	26.94
ATOM	2460	OH2	TIP3	562	162.899	140.880	146.567	1.00	37.48
ATOM	2461	OH2	TIP3	563	160.751	141.682	181.568	1.00	41.89
ATOM	2462	OH2	TIP3	564	191.843	133.331	164.195	1.00	49.06
ATOM	2463	OH2	TIP3	565	150.146	140.844	159.949	1.00	37.63
ATOM	2464	OH2	TIP3	566	191.630	150.128	192.173	1.00	48.50
ATOM	2465	OH2	TIP3	567	181.228	135.149	179.298	1.00	26.45
ATOM	2466	OH2	TIP3	568	198.671	137.247	151.296	1.00	54.72
ATOM	2467	OH2	TIP3	569	174.604	134.975	178.845	1.00	18.39
ATOM	2468	OH2	TIP3	570	156.663	146.091	151.436	1.00	33.15
ATOM	2469	OH2	TIP3	571	155.261	148.403	175.845	1.00	43.52
ATOM	2470	OH2	TIP3	572	186.404	167.245	145.384	1.00	39.32
ATOM	2471	OH2	TIP3	573	184.194	137.144	171.633	1.00	34.57
ATOM	2472	OH2	TIP3	574	172.949	137.866	157.835	1.00	47.33
ATOM	2473	OH2	TIP3	575	172.112	139.823	178.560	1.00	43.61
ATOM	2474	OH2	TIP3	576	170.996	139.769	156.564	1.00	30.84
ATOM	2475	OH2	TIP3	577	159.789	138.911	174.005	1.00	35.18
ATOM	2476	OH2	TIP3	578	184.996	141.818	146.356	1.00	29.10
ATOM	2477	OH2	TIP3	579	174.484	141.851	155.036	1.00	34.86
ATOM	2478	OH2	TIP3	580	160.525	135.833	152.088	1.00	41.16
ATOM	2479	OH2	TIP3	581	185.356	148.219	190.444	1.00	31.30
ATOM	2480	OH2	TIP3	582	168.691	157.898	156.506	1.00	33.68
ATOM	2481	OH2	TIP3	583	182.523	139.480	164.738	1.00	46.11
ATOM	2482	OH2	TIP3	584	188.116	150.849	148.860	1.00	29.82
ATOM	2483	OH2	TIP3	585	172.614	142.642	182.766	1.00	30.62
ATOM	2484	OH2	TIP3	586	187.340	141.551	144.941	1.00	29.45
ATOM	2485	OH2	TIP3	587	179.851	140.402	176.675	1.00	21.57
ATOM	2486	OH2	TIP3	588	170.053	146.541	155.532	1.00	18.51
ATOM	2487	OH2	TIP3	589	170.297	158.425	184.156	1.00	50.46
ATOM	2488	OH2	TIP3	590	177.647	135.349	185.923	1.00	21.00
ATOM	2489	OH2	TIP3	591	186.369	164.606	152.768	1.00	45.16
ATOM	2490	OH2	TIP3	592	151.936	142.300	174.417	1.00	38.37
ATOM	2491	OH2	TIP3	593	187.024	162.111	151.698	1.00	27.09
ATOM	2492	OH2	TIP3	594	177.652	138.931	148.044	1.00	35.72
ATOM	2493	OH2	TIP3	595	165.700	147.789	145.637	1.00	30.30
ATOM	2494	OH2	TIP3	596	161.539	136.081	167.334	1.00	31.50
ATOM	2495	OH2	TIP3	597	191.618	168.569	148.085	1.00	40.48
ATOM	2496	OH2	TIP3	598	201.825	142.708	148.241	1.00	34.94
ATOM	2497	OH2	TIP3	599	176.967	165.901	165.917	1.00	53.34
ATOM	2498	OH2	TIP3	600	177.820	153.065	160.930	1.00	34.65
ATOM	2499	OH2	TIP3	601	160.827	156.090	169.229	1.00	50.47
ATOM	2500	OH2	TIP3	602	161.783	158.386	171.397	1.00	35.06
ATOM	2501	OH2	TIP3	603	185.466	155.078	170.377	1.00	54.06
ATOM	2502	OH2	TIP3	604	192.317	149.279	176.059	1.00	29.65
ATOM	2503	OH2	TIP3	605	167.830	139.843	157.780	1.00	29.76

FIG. 4A - 44

ATOM	2504	OH2	TIP3	606	167.002	165.330	168.876	1.00	54.33
ATOM	2505	OH2	TIP3	607	173.781	142.700	162.477	1.00	18.76
ATOM	2506	OH2	TIP3	608	150.214	139.759	156.842	1.00	40.88
ATOM	2507	OH2	TIP3	609	172.766	140.603	181.451	1.00	33.86
ATOM	2508	OH2	TIP3	610	196.655	151.257	140.248	1.00	52.47
ATOM	2509	OH2	TIP3	611	176.641	140.265	156.003	1.00	53.27
ATOM	2510	OH2	TIP3	612	201.279	142.430	156.849	1.00	52.41
ATOM	2511	OH2	TIP3	613	174.505	141.358	190.418	1.00	54.03
ATOM	2512	OH2	TIP3	614	174.880	135.259	176.038	1.00	36.45
ATOM	2513	OH2	TIP3	615	198.414	140.596	179.432	1.00	33.71
ATOM	2514	OH2	TIP3	616	177.721	148.012	143.452	1.00	42.18
ATOM	2515	OH2	TIP3	617	189.140	152.903	171.242	1.00	32.58
ATOM	2516	OH2	TIP3	618	186.566	130.937	178.351	1.00	32.56
ATOM	2517	OH2	TIP3	619	159.446	134.284	159.176	1.00	46.33
ATOM	2518	OH2	TIP3	620	181.172	148.760	190.185	1.00	35.06
ATOM	2519	OH2	TIP3	621	169.663	162.107	168.799	1.00	34.54
ATOM	2520	OH2	TIP3	622	182.810	137.814	166.903	1.00	39.65
ATOM	2521	OH2	TIP3	623	176.539	147.900	190.157	1.00	39.85
ATOM	2522	OH2	TIP3	624	158.151	152.729	162.853	1.00	44.66
ATOM	2523	OH2	TIP3	625	172.567	141.930	185.756	1.00	50.03
ATOM	2524	OH2	TIP3	626	163.184	135.862	163.140	1.00	43.22
ATOM	2525	OH2	TIP3	627	176.615	163.741	167.642	1.00	27.38
ATOM	2526	OH2	TIP3	628	194.401	133.688	175.780	1.00	28.22
ATOM	2527	OH2	TIP3	629	201.412	142.166	170.890	1.00	33.89
ATOM	2528	OH2	TIP3	630	184.927	141.393	167.559	1.00	53.87
ATOM	2529	OH2	TIP3	631	172.703	137.593	162.528	1.00	38.40
ATOM	2530	OH2	TIP3	632	183.072	140.067	145.636	1.00	35.80
ATOM	2531	OH2	TIP3	633	199.140	146.347	161.917	1.00	37.49
ATOM	2532	OH2	TIP3	634	183.919	155.383	161.781	1.00	49.62
ATOM	2533	OH2	TIP3	635	200.016	141.299	168.839	1.00	36.54
ATOM	2534	OH2	TIP3	636	171.244	144.715	186.281	1.00	50.60
ATOM	2535	OH2	TIP3	637	194.629	153.075	169.948	1.00	55.55
ATOM	2536	OH2	TIP3	638	165.880	138.409	149.126	1.00	37.48
ATOM	2537	OH2	TIP3	639	196.827	134.714	161.949	1.00	50.02
ATOM	2538	OH2	TIP3	640	193.031	161.138	147.865	1.00	29.61
ATOM	2539	OH2	TIP3	641	197.255	137.624	148.232	1.00	42.68
ATOM	2540	OH2	TIP3	642	153.314	147.428	157.160	1.00	38.28
ATOM	2541	OH2	TIP3	643	166.350	144.533	144.341	1.00	41.05
ATOM	2542	OH2	TIP3	644	179.534	146.740	189.775	1.00	37.08
ATOM	2543	OH2	TIP3	645	189.807	154.227	181.761	1.00	45.23
ATOM	2544	OH2	TIP3	646	192.668	160.423	156.446	1.00	43.34
ATOM	2545	OH2	TIP3	647	195.196	166.356	138.956	1.00	49.84
ATOM	2546	OH2	TIP3	648	182.632	154.450	179.524	1.00	23.49
ATOM	2547	OH2	TIP3	649	152.229	150.713	159.799	1.00	40.91
ATOM	2548	OH2	TIP3	650	158.329	138.747	150.255	1.00	30.36
ATOM	2549	OH2	TIP3	651	186.866	153.563	180.116	1.00	36.79
ATOM	2550	OH2	TIP3	652	203.868	143.167	168.063	1.00	56.55
ATOM	2551	OH2	TIP3	653	195.219	162.407	149.826	1.00	43.25
ATOM	2552	OH2	TIP3	654	196.473	155.653	158.699	1.00	40.01
ATOM	2553	OH2	TIP3	655	189.381	155.085	173.397	1.00	57.42
ATOM	2554	OH2	TIP3	656	168.274	137.445	148.249	1.00	34.95
ATOM	2555	OH2	TIP3	657	200.848	140.760	173.087	1.00	37.69
ATOM	2556	OH2	TIP3	658	154.311	141.310	172.896	1.00	37.60
ATOM	2557	OH2	TIP3	659	158.855	146.394	149.431	1.00	57.00
ATOM	2558	OH2	TIP3	660	158.521	140.189	147.901	1.00	39.08
ATOM	2559	OH2	TIP3	661	160.018	142.288	147.957	1.00	33.04
ATOM	2560	OH2	TIP3	662	172.368	138.581	152.522	1.00	44.29

FIG. 4A -45

ATOM	2561	OH2	TIP3	663	184.228	154.080	150.884	1.00	37.23
ATOM	2562	OH2	TIP3	664	181.206	168.306	140.323	1.00	31.45
ATOM	2563	OH2	TIP3	665	160.409	140.163	178.444	1.00	32.96
ATOM	2564	OH2	TIP3	666	199.568	139.377	181.925	1.00	52.62
ATOM	2565	OH2	TIP3	667	191.382	134.028	183.572	1.00	41.66
ATOM	2566	OH2	TIP3	668	184.436	137.519	191.447	1.00	43.79
ATOM	2567	OH2	TIP3	669	178.374	135.898	188.671	1.00	43.20
ATOM	2568	OH2	TIP3	670	183.806	131.563	188.317	1.00	43.72
ATOM	2569	OH2	TIP3	671	193.770	133.162	179.393	1.00	36.96
ATOM	2570	OH2	TIP3	672	184.023	130.982	179.135	1.00	39.13
ATOM	2571	OH2	TIP3	673	198.610	134.833	166.943	1.00	53.06
ATOM	2572	OH2	TIP3	674	193.276	132.962	167.829	1.00	34.69
ATOM	2573	OH2	TIP3	675	182.845	136.338	169.404	1.00	33.69
ATOM	2574	OH2	TIP3	676	183.678	133.867	168.291	1.00	30.26
ATOM	2575	OH2	TIP3	677	187.924	145.137	161.762	1.00	32.55
ATOM	2576	OH2	TIP3	678	185.527	133.082	159.873	1.00	53.76
ATOM	2577	OH2	TIP3	679	200.295	135.102	171.318	1.00	48.87
ATOM	2578	OH2	TIP3	680	183.015	137.826	173.645	1.00	38.41
ATOM	2579	OH2	TIP3	681	191.371	157.642	185.202	1.00	50.04
ATOM	2580	OH2	TIP3	682	190.346	155.074	176.819	1.00	48.94
ATOM	2581	OH2	TIP3	683	191.387	151.626	171.800	1.00	46.21
ATOM	2582	OH2	TIP3	684	184.160	153.292	172.301	1.00	36.14
ATOM	2583	OH2	TIP3	685	176.335	138.341	166.131	1.00	47.48
ATOM	2584	OH2	TIP3	686	185.544	153.295	163.102	1.00	39.20
ATOM	2585	OH2	TIP3	687	185.378	153.868	165.475	1.00	33.75
ATOM	2586	OH2	TIP3	688	196.470	149.905	172.674	1.00	40.26
ATOM	2587	OH2	TIP3	689	197.519	148.877	180.225	1.00	45.10
ATOM	2588	OH2	TIP3	690	157.663	137.764	177.084	1.00	44.66
ATOM	2589	OH2	TIP3	691	154.161	142.574	170.171	1.00	39.92
ATOM	2590	OH2	TIP3	692	155.780	135.284	163.896	1.00	40.11
ATOM	2591	OH2	TIP3	693	162.873	153.888	160.325	1.00	35.74
ATOM	2592	OH2	TIP3	694	156.945	148.220	155.837	1.00	44.01
ATOM	2593	OH2	TIP3	695	173.592	157.866	160.331	1.00	22.66
ATOM	2594	OH2	TIP3	696	165.378	159.504	162.474	1.00	48.64
ATOM	2595	OH2	TIP3	697	165.717	157.839	158.982	1.00	34.76
ATOM	2596	OH2	TIP3	698	160.959	151.556	174.170	1.00	29.58
ATOM	2597	OH2	TIP3	699	171.949	158.554	156.600	1.00	37.64
ATOM	2598	OH2	TIP3	700	172.489	156.172	155.827	1.00	36.55
ATOM	2599	OH2	TIP3	701	168.421	150.212	180.499	1.00	40.71
ATOM	2600	OH2	TIP3	702	179.757	159.519	187.348	1.00	47.90
ATOM	2601	OH2	TIP3	703	170.245	149.061	187.445	1.00	42.46
ATOM	2602	OH2	TIP3	704	162.039	154.412	180.938	1.00	37.52
ATOM	2603	OH2	TIP3	705	167.213	159.759	181.231	1.00	43.00
ATOM	2604	OH2	TIP3	706	163.330	157.489	181.439	1.00	54.58
ATOM	2605	OH2	TIP3	707	177.897	164.518	170.176	1.00	40.57
ATOM	2606	OH2	TIP3	708	163.891	151.565	154.190	1.00	42.37
ATOM	2607	OH2	TIP3	709	178.067	145.290	141.361	1.00	55.87
ATOM	2608	OH2	TIP3	710	180.452	157.464	148.802	1.00	15.02
ATOM	2609	OH2	TIP3	711	180.772	155.328	147.088	1.00	40.23
ATOM	2610	OH2	TIP3	712	180.197	155.404	144.710	1.00	27.00
ATOM	2611	OH2	TIP3	713	200.689	148.777	146.209	1.00	45.42
END									

FIG. 4A - 46



Fig. 5a



Fig. 5b

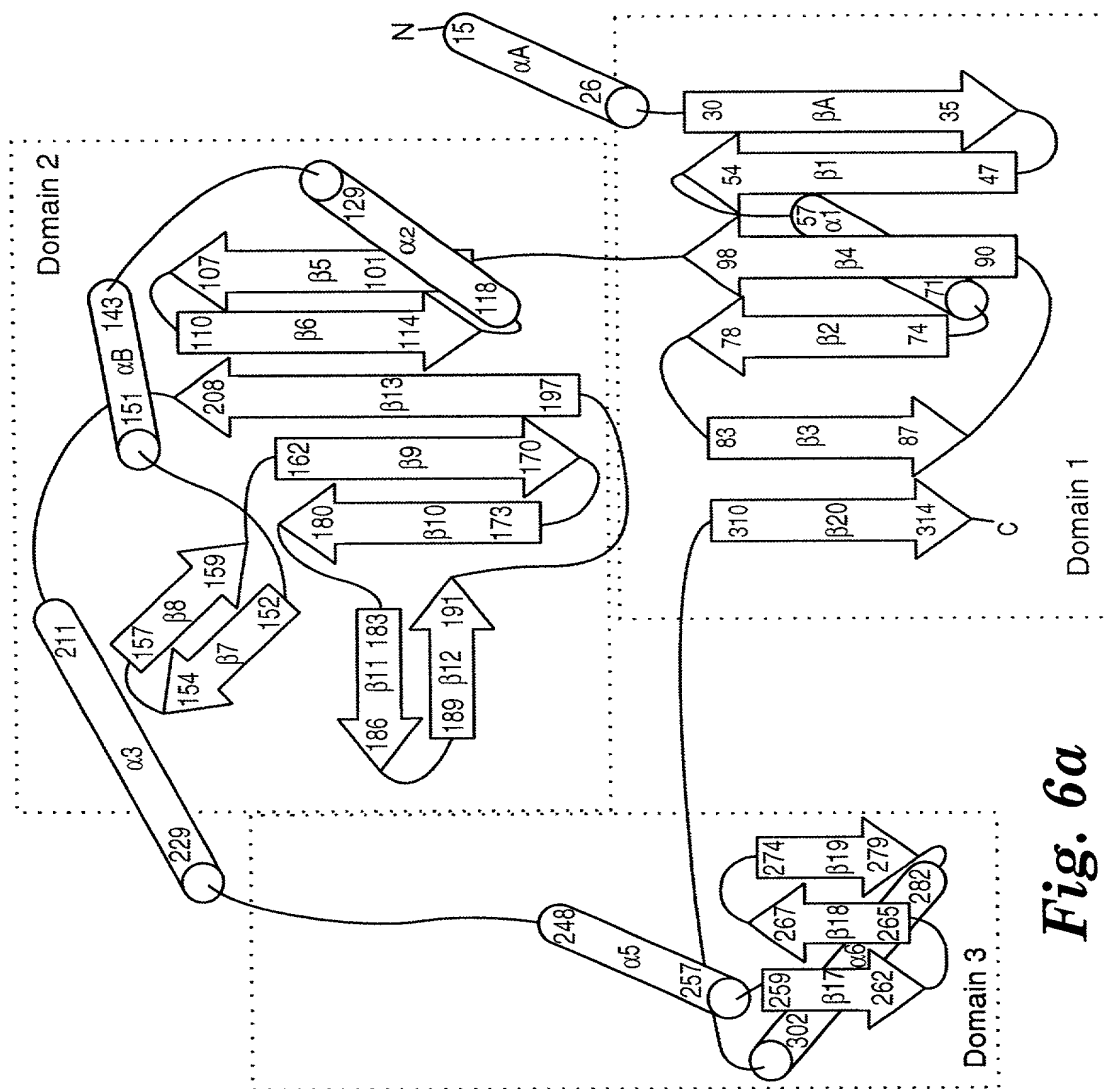


Fig. 6a

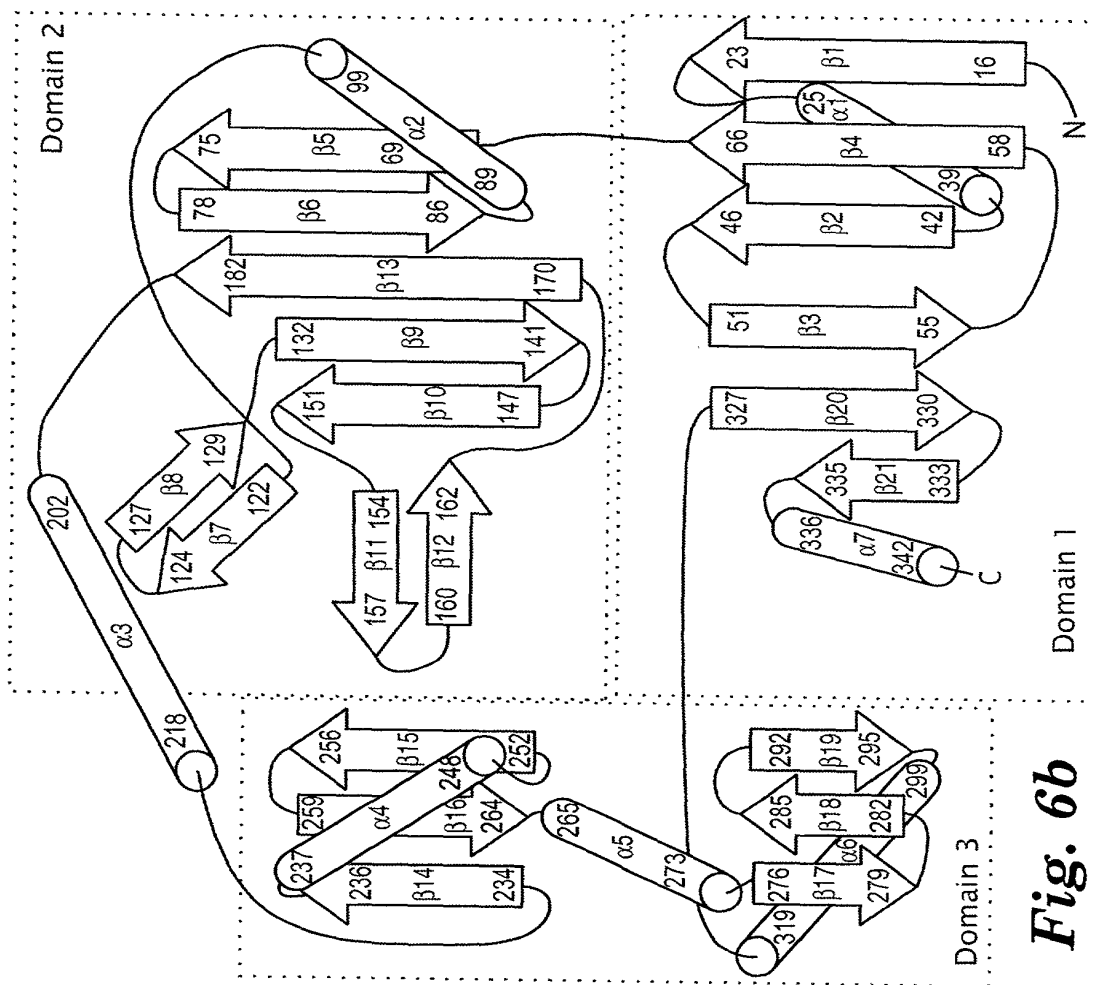




Fig. 7a

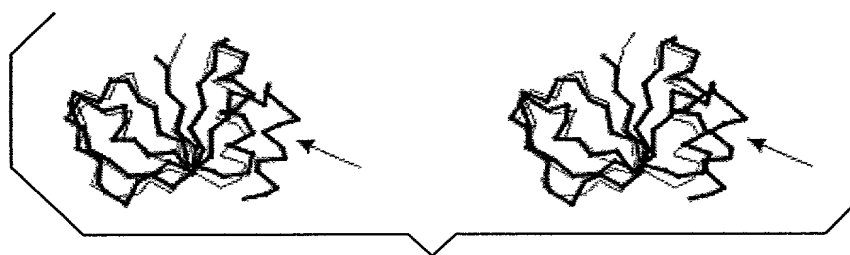


Fig. 7b

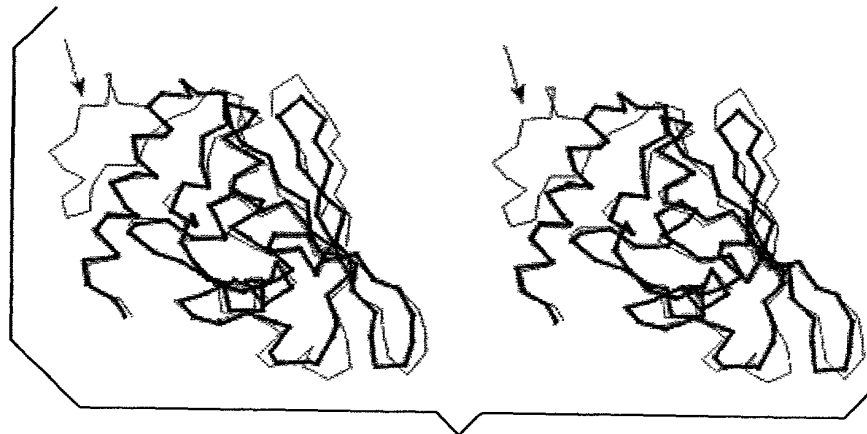


Fig. 7c

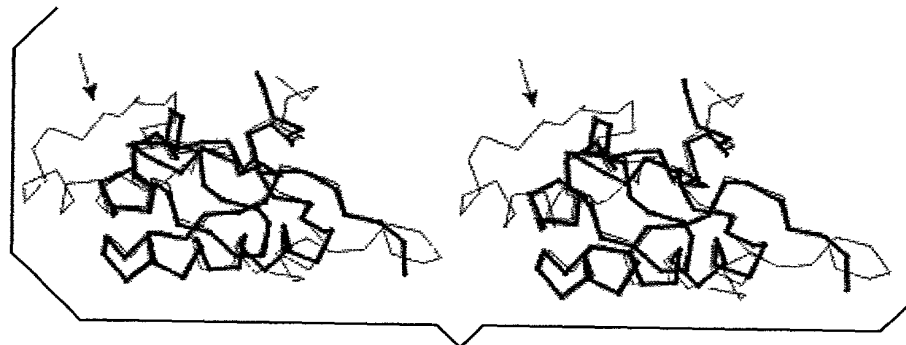


Fig. 7d

FOR Filing

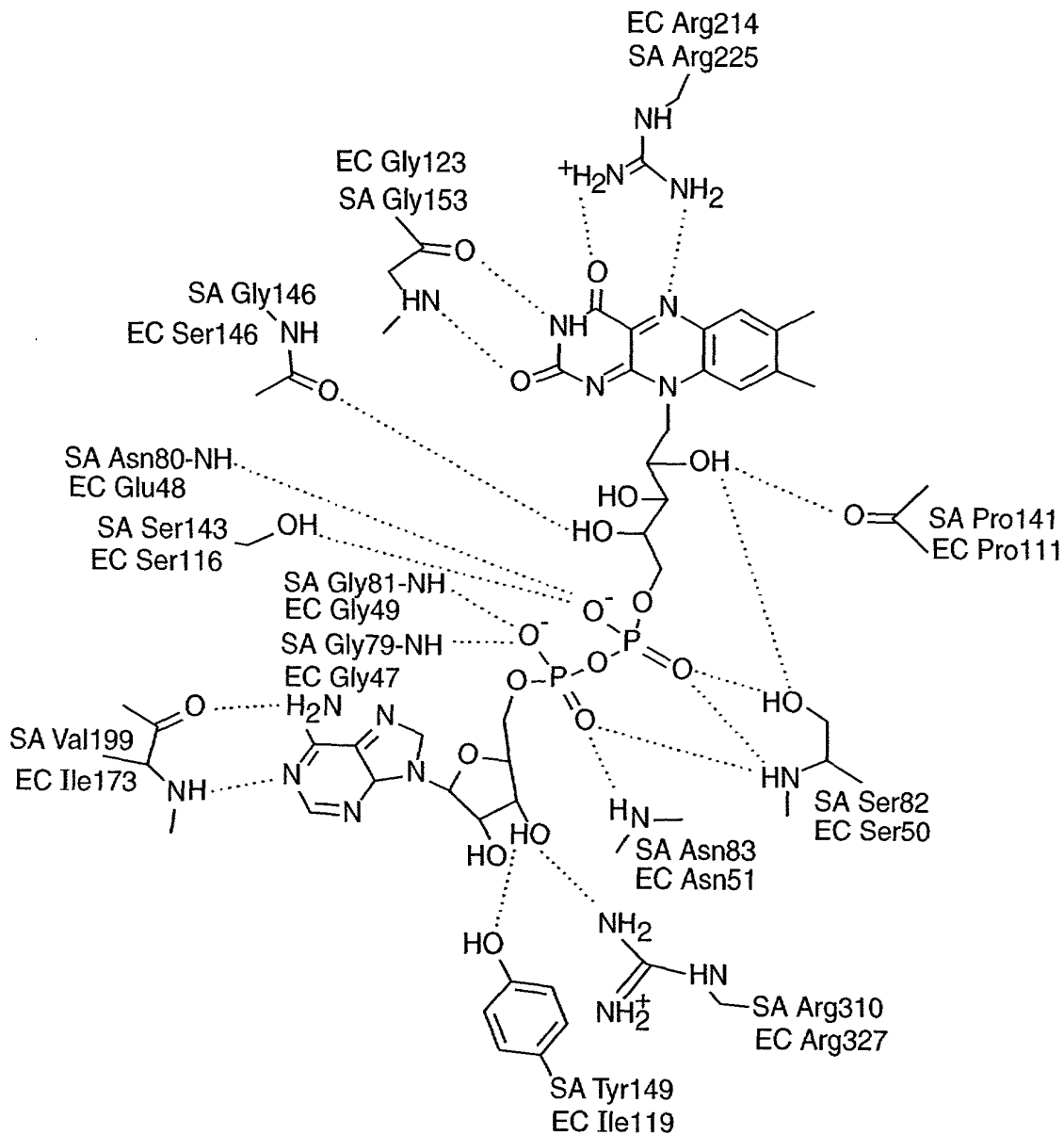


Fig. 8

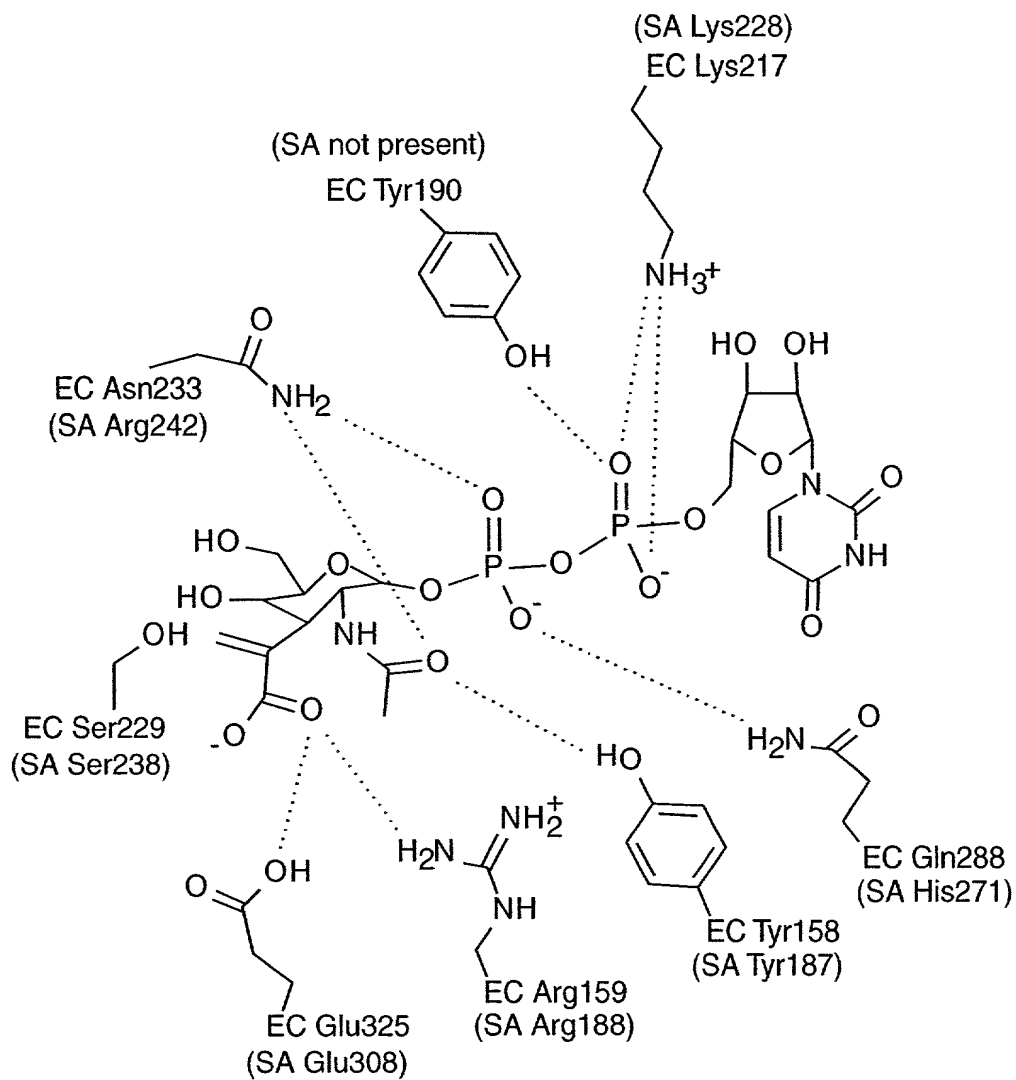


Fig. 9

SEQ ID NO: 3	MURB_HELPY	(1)	-----MLETTFIDFSRYSSVKIGTLPKLVSVLEND-----DEISOHQIITGLANNLIAPSAKNLALG--KNY
SEQ ID NO: 4	MURB_AQUAE	(1)	-----MFLKLVPLONLTIKIGRVSFAEPSDLKEISICIDFSKSRDPLFVLGNSNIFGDRGLVNLKNGF
SEQ ID NO: 5	MURB_BACSU	(1)	-----MEKVIQELKEREVG--KVLANEPLANHTMIKIGPADVIVIPSSVDADKIMDVKKYDVKVTIVGRGSLVLDDEGRVYIKLAGL
SEQ ID NO: 6	MURB_BORBU	(1)	-----MPKSLNLFKKIN--TKPOTKMLANVTYKIGNIKSLTPKNIKEANIEFKAIIEKIKLFLILGGGSLVANDEREIDFPIYTGVL
SEQ ID NO: 7	MURB_CHLPN	(1)	-----MKEAAPHFPPVRRSVNLRSTFRFGGPNATFKAHITIEAREVIRFHSINVPFLIKGSGNCLFDDRGDFGVFLVNAIVG
SEQ ID NO: 8	MURB_RICPR	(1)	-----MIONPMIKLVESNNMSPIIKG-EYKDKVNLKHLTFKFGGNAIEFFKPAIDFADLSFLIONQK-KLPITTFGSGNLIIRREGGIRGIVS-LLSL
SEQ ID NO: 9	MURB_SAURE	(1)	MRGSHHHHTDPINKDIYQALQOLIPNEKLVDEPKRYTYTKTGNADFIITPTKNEEVAQVWKAYAYONEIPVTYLGNSNLIIRREGGIRGIVS-LLSL
SEQ ID NO: 10	MURB_ECOLI	(1)	-----MNSLKPNTTFGIDHNAOHIVCAEDQQLNANOWATAEGOVILILGEGSNVLFLEDRGTVINIRKGI
SEQ ID NO: 11	MURB_HAEIN	(1)	-----MNSLKPNTTFGIDHNAOHIVCAEDQQLNANOWATAEGOVILILGEGSNVLFLEDRGTVINIRKGI
SEQ ID NO: 12	MURB_SALTY	(1)	-----MTHSLKPNTTFGIDHNAOHIVCAEDQQLNANOWATAEGOVILILGEGSNVLFLEDRGTVINIRKGI
SEQ ID NO: 13	MURB_BORDE	(1)	-----MSTVPAIEVPAP--LAPQAQDIRCFNTGLASHAPFALTEPQLFALSALAPR-FRQLVVLGGGNNVLPASIDGLVAVRLPGV
SEQ ID NO: 14	MURB_HELPY	(61)	DIY--CDKG-ECVEIGGAANASKIFNYFRANDLEGLFELGOLPCTIGALVKNMAGKFEIKNVLESACINNOW--LE--KEALGLGYRSSGFSG--
SEQ ID NO: 15	MURB_AQUAE	(75)	KVK--EIKGFFVEAFSGTPLKDLIRFSVKNVSKFYKLLGFPASVGGAVSNMAGFGEISDFLKEYVFDWE-GKLOAKRDELNFSRKSPFKLGI--
SEQ ID NO: 16	MURB_BACSU	(88)	DHL--ELEGEQ-VTVGGGYSVURLATSLSKGLSGLEFAAGTPGSGGAVNMAGHSDMLVKAHLIFED-GTIEWLTNEQMDFSYTSVLOKRRP--
SEQ ID NO: 17	MURB_BORBU	(87)	NKI--EIHENK-IVGECGADFESLCKIALDNLSSLEFIFYLPDGLGGAVNMARCGNEISILKKTIFIDDK-GKTICKEFKEDFKKISPFQKNF--
SEQ ID NO: 18	MURB_CHLPN	(85)	KOF--LEDA-R-IKAYSGLSFAALGKATAYNGYSGLEFAAGTPGSGGAVNMARCGNEISILKKTIFIDDK-GKTICKEFKEDFKKISPFQKNF--
SEQ ID NO: 19	MURB_RICPR	(97)	NKI--EFLDNH-LIVGSSCLNLRARPCQANAISCEFLVLPDGLGGAVNMAGHSDMLVKAHLIFED-GTIEWLTNEQMDFSYTSVLOKRRP--
SEQ ID NO: 20	MURB_SAURE	(102)	DHI--EVSDDA-IITAGSAAIIVDSVARDYALTGLTGLFACGTPGSGGAVNMAGHSDMLVKAHLIFED-GTIEWLTNEQMDFSYTSVLOKRRP--
SEQ ID NO: 21	MURB_ECOLI	(71)	EIH--DEPDANY-LHVGAGENWHRLVKYTLQSGMPGLENALIPGCVSSPIONIGAYGVELQVCAVDSVELATGKVRLTAKRCFRGYRDSIFKHEYQDR
SEQ ID NO: 22	MURB_HAEIN	(70)	THE--QDANFY-LHVGAGENWHRLVKYTLQSGMPGLENALIPGCVSSPIONIGAYGVELQVCAVDSVELATGKVRLTAKRCFRGYRDSIFKHEYQDR
SEQ ID NO: 23	MURB_SALTY	(71)	EVI--ETADAMH-LHVGAGENWHRLVKYTLQSGMPGLENALIPGCVSSPIONIGAYGVELQVCAVDSVELATGKVRLTAKRCFRGYRDSIFKHEYQDR
SEQ ID NO: 24	MURB_BORDE	(86)	RLVGQCADAWV-VEAAGENWHGFTVACVDNWDGLENALIPGTVGAAPVQVNIQAYGVELADRFHSLTAMDVSGRWEMGAALCRFAVRDSIFFKHQEPGA
SEQ ID NO: 25	MURB_HELPY	(149)	-VLRARFKKTHG-----FREGVLKACQSMR--KSHPKLPNFGSCFKNP-----PN-----DHAGRLLEGVG-----
SEQ ID NO: 26	MURB_AQUAE	(172)	--VFKVVFERS-----K-ENILPKYKIRIR--KEQPINLPTSGSFKNP-----EG-----NFAGKLLEKAG-----
SEQ ID NO: 27	MURB_BACSU	(184)	GVLEAVLQLEOK-----DKES-IVQOMQSNK--DYR--KNQPYSPFCAGSIFRNP-----LPNAGNVLKAG-----
SEQ ID NO: 28	MURB_BORBU	(183)	-FILKIELNLKD-----NKIIFKMNKQAR--INRGHYLPFGSGSFKNP-----K--AFLKPSGQIIECK-----
SEQ ID NO: 29	MURB_CHLPN	(180)	-FILSATFQLSKK-----QVSADHSKSIQHR--LMTQPYTQPSAGCIFRNP-----EG-----TSAGKLIDAG-----
SEQ ID NO: 30	MURB_RICPR	(193)	--LLKAVFYKNG-----DSNILLKMNKINNR--SSTQPIKERTGGSTFIRNP-----EG-----RKSWEIIDKSN-----
SEQ ID NO: 31	MURB_SAURE	(198)	-VLEAFTLAPG-----KMTETQAKMDDITER--ESQPLEYSPCGSVFORP-----PG-----HFAGKLIQDSN-----
SEQ ID NO: 32	MURB_ECOLI	(171)	FAIVAGVLRPKEMOPVLTVDLTR--LDPTVTPOOVFNACVCHMTTKLPDPKVNAGNAGSFFKNPVSAETAKALLSQPTAPNYPQADGSVKLAAGWLI
SEQ ID NO: 33	MURB_HAEIN	(170)	YVITAVGLKIKKDWPIKYSGLVE--FDPKVTAKQIFDVCVCHIRQSKLPDPNEVGNAGSFFKNPVSSSEHFEIIEKHENLPHFPQADGSVKLAAGWLI
SEQ ID NO: 34	MURB_SALTY	(171)	VAIVAGVLRPKEMOPVLTVDLTR--LDPTVTAKQIFDVCVCHIRQSKLPDPNEVGNAGSFFKNPVSAETAKALLSQPTAPNYPQADGSVKLAAGWLI
SEQ ID NO: 35	MURB_BORDE	(187)	WVIGSVRFALPRPQVLDYDPLQRHAALDGAAPTARAVYDAVCAIRRAKLDPDPVGNAGSFFKNPLPLDAGTGQALLGRFPGLVSYPOPDGRYKLAAGWLI
SEQ ID NO: 36	MURB_HELPY	(203)	-----LRGYCLKRVGFAKEHANFLVNLGGAEETALDLIELAKARVLQEVGHIIEEVKILR-----
SEQ ID NO: 37	MURB_AQUAE	(229)	-----LKGFRLKNVGFSEKHANFLVNLGGGTSEVVDLINAKERVENFENFVLEEVKLISS-GSDGKWVLGA-----
SEQ ID NO: 38	MURB_BACSU	(244)	-----LKGYQIGGAKISEMHGNFVIVNAGASAKDVLIDHVKTIIRKYEIDMHTVEBIIIGN-R-----
SEQ ID NO: 39	MURB_BORBU	(247)	-----LKGLSIGGATVSKYHGNFIINNNATSKDKSIEKVKAEVILKTLGILLEEVLYIGFK-----
SEQ ID NO: 40	MURB_CHLPN	(234)	-----LKGLSIGGATVSKYHGNFIINNNATSKDKSIEKVKAEVILKTLGILLEEVLYIGFK-----
SEQ ID NO: 41	MURB_RICPR	(251)	-----LRGYRIGGASISELHCNFMNNGNATAKDLGNFVQKVEDSGVELNMEIKRIGKV-----
SEQ ID NO: 42	MURB_SAURE	(257)	-----LOGHRIGGEVSTKHAGFNVDNAGTADENLHYVQKTEKFKELNREVRILIGEHPKESLQPSLIS-----
SEQ ID NO: 43	MURB_ECOLI	(270)	DOCOLKGMQIGGAAVHROQALVLINEDNAKSDWDLAHVHQKVGKFNWLEPVRFIGAS-GEVSAVETIS-----
SEQ ID NO: 44	MURB_HAEIN	(269)	DOCNLKGFIIGGAAVHROQALVLINNGATGDWVLAHVHQTVAKFGVILQPEVRFISAT-GEVNSEQIIT-----
SEQ ID NO: 45	MURB_SALTY	(270)	DOCOLKGMQIGGAAVHROQALVLINANDATSKDWLAHVHQTVAKFGVILQPEVRFISAT-GEVNSEQIIT-----
SEQ ID NO: 46	MURB_BORDE	(289)	DOCGWKGRQIGGAAGVHROQALVLINRGAQARDIMAAIAAQGDVERRYGVRLPEPEVVPVAP-----

Fig. 10



Fig. 11

TOP SECRET

FIG. 12A - 1

FIG. 12A - 2

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FIG. 12A - 562

FIG. 12A - 563

FIG. 12

FIG. 12A - 1

INDE	0	1	25	FOBS=	24.4	SIGMA=	2.6	PHAS=	-90.0	FOM=	0.10	TEST=	0
INDE	0	1	27	FOBS=	75.8	SIGMA=	0.9	PHAS=	-90.0	FOM=	0.97	TEST=	1
INDE	0	1	29	FOBS=	77.8	SIGMA=	1.0	PHAS=	-90.0	FOM=	0.83	TEST=	0
INDE	0	1	31	FOBS=	194.8	SIGMA=	0.6	PHAS=	90.0	FOM=	1.00	TEST=	1
INDE	0	1	33	FOBS=	80.1	SIGMA=	0.9	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	1	35	FOBS=	122.6	SIGMA=	0.7	PHAS=	90.0	FOM=	0.09	TEST=	0
INDE	0	1	37	FOBS=	38.6	SIGMA=	2.1	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	1	39	FOBS=	35.5	SIGMA=	2.6	PHAS=	90.0	FOM=	0.13	TEST=	0
INDE	0	1	41	FOBS=	158.2	SIGMA=	0.8	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	1	43	FOBS=	235.9	SIGMA=	0.6	PHAS=	90.0	FOM=	0.99	TEST=	0
INDE	0	1	45	FOBS=	149.9	SIGMA=	0.9	PHAS=	90.0	FOM=	0.99	TEST=	0
INDE	0	1	47	FOBS=	327.5	SIGMA=	0.8	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	1	49	FOBS=	364.0	SIGMA=	0.6	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	1	51	FOBS=	321.1	SIGMA=	0.8	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	1	53	FOBS=	139.3	SIGMA=	1.7	PHAS=	90.0	FOM=	0.99	TEST=	0
INDE	0	1	55	FOBS=	74.6	SIGMA=	3.0	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	1	57	FOBS=	44.2	SIGMA=	4.9	PHAS=	-90.0	FOM=	0.55	TEST=	0
INDE	0	1	59	FOBS=	139.2	SIGMA=	2.3	PHAS=	90.0	FOM=	0.99	TEST=	0
INDE	0	2	28	FOBS=	0.0	SIGMA=	8.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	2	30	FOBS=	0.0	SIGMA=	9.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	2	32	FOBS=	36.8	SIGMA=	1.4	PHAS=	0.0	FOM=	0.77	TEST=	0
INDE	0	2	34	FOBS=	65.7	SIGMA=	1.3	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	2	36	FOBS=	0.0	SIGMA=	11.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	2	38	FOBS=	0.0	SIGMA=	14.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	2	40	FOBS=	329.4	SIGMA=	0.6	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	2	42	FOBS=	184.6	SIGMA=	0.8	PHAS=	0.0	FOM=	0.92	TEST=	0
INDE	0	2	44	FOBS=	40.4	SIGMA=	3.5	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	2	46	FOBS=	177.9	SIGMA=	1.3	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	2	48	FOBS=	194.1	SIGMA=	1.2	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	2	50	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	2	52	FOBS=	351.0	SIGMA=	0.8	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	2	54	FOBS=	177.2	SIGMA=	1.4	PHAS=	-180.0	FOM=	0.99	TEST=	0
INDE	0	2	56	FOBS=	128.8	SIGMA=	1.8	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	2	58	FOBS=	120.1	SIGMA=	2.0	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	2	60	FOBS=	72.1	SIGMA=	3.1	PHAS=	0.0	FOM=	0.97	TEST=	1
INDE	0	2	62	FOBS=	115.2	SIGMA=	2.8	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	3	37	FOBS=	119.6	SIGMA=	1.3	PHAS=	90.0	FOM=	1.00	TEST=	1
INDE	0	3	39	FOBS=	281.8	SIGMA=	0.8	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	3	41	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	3	43	FOBS=	65.1	SIGMA=	2.9	PHAS=	90.0	FOM=	0.93	TEST=	0
INDE	0	3	45	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	3	47	FOBS=	36.2	SIGMA=	6.4	PHAS=	-90.0	FOM=	0.06	TEST=	1
INDE	0	3	49	FOBS=	39.8	SIGMA=	6.1	PHAS=	90.0	FOM=	0.89	TEST=	0
INDE	0	3	51	FOBS=	63.0	SIGMA=	3.8	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	3	53	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	3	55	FOBS=	43.3	SIGMA=	5.2	PHAS=	-90.0	FOM=	0.04	TEST=	0
INDE	0	3	57	FOBS=	117.1	SIGMA=	2.0	PHAS=	-90.0	FOM=	0.99	TEST=	1
INDE	0	3	59	FOBS=	74.1	SIGMA=	3.1	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	3	61	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	3	63	FOBS=	27.3	SIGMA=	11.9	PHAS=	-90.0	FOM=	0.45	TEST=	0
INDE	0	3	65	FOBS=	84.5	SIGMA=	4.0	PHAS=	90.0	FOM=	0.97	TEST=	0
INDE	0	4	18	FOBS=	22.2	SIGMA=	5.0	PHAS=	0.0	FOM=	0.28	TEST=	0
INDE	0	4	20	FOBS=	277.5	SIGMA=	0.8	PHAS=	-180.0	FOM=	0.73	TEST=	0
INDE	0	4	22	FOBS=	155.2	SIGMA=	1.6	PHAS=	0.0	FOM=	0.27	TEST=	0
INDE	0	4	38	FOBS=	319.1	SIGMA=	0.7	PHAS=	-180.0	FOM=	0.99	TEST=	0
INDE	0	4	40	FOBS=	14.7	SIGMA=	11.7	PHAS=	-180.0	FOM=	0.04	TEST=	1
INDE	0	4	42	FOBS=	234.4	SIGMA=	1.0	PHAS=	0.0	FOM=	0.12	TEST=	0
INDE	0	4	44	FOBS=	105.6	SIGMA=	2.0	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	4	46	FOBS=	71.8	SIGMA=	3.3	PHAS=	0.0	FOM=	0.99	TEST=	0
INDE	0	4	48	FOBS=	46.8	SIGMA=	5.4	PHAS=	0.0	FOM=	0.33	TEST=	0
INDE	0	4	50	FOBS=	25.5	SIGMA=	9.8	PHAS=	-180.0	FOM=	0.93	TEST=	0
INDE	0	4	52	FOBS=	55.1	SIGMA=	4.4	PHAS=	0.0	FOM=	0.66	TEST=	0
INDE	0	4	54	FOBS=	87.1	SIGMA=	2.7	PHAS=	-180.0	FOM=	0.88	TEST=	0
INDE	0	4	56	FOBS=	203.1	SIGMA=	1.3	PHAS=	-180.0	FOM=	0.00	TEST=	1
INDE	0	4	58	FOBS=	136.1	SIGMA=	1.8	PHAS=	0.0	FOM=	0.99	TEST=	1
INDE	0	4	60	FOBS=	121.1	SIGMA=	2.0	PHAS=	0.0	FOM=	0.62	TEST=	0
INDE	0	4	62	FOBS=	39.5	SIGMA=	7.1	PHAS=	0.0	FOM=	0.49	TEST=	0
INDE	0	4	64	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	4	66	FOBS=	39.0	SIGMA=	8.9	PHAS=	0.0	FOM=	0.37	TEST=	0
INDE	0	4	68	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	0	5	19	FOBS=	102.4	SIGMA=	1.3	PHAS=	90.0	FOM=	0.98	TEST=	0
INDE	0	5	21	FOBS=	78.8	SIGMA=	1.8	PHAS=	90.0	FOM=	0.58	TEST=	0
INDE	0	5	23	FOBS=	280.6	SIGMA=	0.9	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	5	25	FOBS=	0.0	SIGMA=	17.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	5	27	FOBS=	61.3	SIGMA=	2.7	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	5	29	FOBS=	17.0	SIGMA=	10.0	PHAS=	-90.0	FOM=	0.22	TEST=	0
INDE	0	5	31	FOBS=	74.7	SIGMA=	2.5	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	5	33	FOBS=	349.3	SIGMA=	1.4	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	5	35	FOBS=	64.5	SIGMA=	4.7	PHAS=	90.0	FOM=	0.50	TEST=	0
INDE	0	5	39	FOBS=	167.6	SIGMA=	1.2	PHAS=	90.0	FOM=	0.87	TEST=	0
INDE	0	5	41	FOBS=	248.2	SIGMA=	0.9	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	5	43	FOBS=	231.2	SIGMA=	1.0	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	5	45	FOBS=	72.6	SIGMA=	3.1	PHAS=	-90.0	FOM=	0.99	TEST=	0
INDE	0	5	47	FOBS=	94.1	SIGMA=	2.5	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	5	49	FOBS=	213.9	SIGMA=	1.2	PHAS=	90.0	FOM=	0.90	TEST=	0
INDE	0	5	51	FOBS=	169.2	SIGMA=	1.5	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	5	53	FOBS=	41.7	SIGMA=	5.4	PHAS=	90.0	FOM=	0.09	TEST=	0
INDE	0	5	55	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	5	57	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	5	59	FOBS=	158.0	SIGMA=	1.4	PHAS=	-90.0	FOM=	0.98	TEST=	0
INDE	0	5	61	FOBS=	107.2	SIGMA=	1.9	PHAS=	-90.0	FOM=	0.99	TEST=	1
INDE	0	5	63	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	5	65	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	5	67	FOBS=	0.0	SIGMA=	26.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	5	69	FOBS=	90.7	SIGMA=	4.0	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	5	71	FOBS=	16.4	SIGMA=	21.1	PHAS=	90.0	FOM=	0.15	TEST=	0
INDE	0	6	18	FOBS=	0.0	SIGMA=	13.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	6	20	FOBS=	41.4	SIGMA=	3.2	PHAS=	0.0	FOM=	0.83	TEST=	0
INDE	0	6	22	FOBS=	320.3	SIGMA=	1.2	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	6	24	FOBS=	144.7	SIGMA=	1.2	PHAS=	-180.0	FOM=	1.00	TEST=	1
INDE	0	6	26	FOBS=	44.2	SIGMA=	3.6	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	6	28	FOBS=	61.4	SIGMA=	2.8	PHAS=	-180.0	FOM=	0.81	TEST=	1
INDE	0	6	30	FOBS=	28.3	SIGMA=	6.4	PHAS=	-180.0	FOM=	0.20	TEST=	0
INDE	0	6	32	FOBS=	331.3	SIGMA=	1.0	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	6	34	FOBS=	64.5	SIGMA=	3.3	PHAS=	0.0	FOM=	0.63	TEST=	0
INDE	0	6	36	FOBS=	150.9	SIGMA=	1.7	PHAS=	0.0	FOM=	0.80	TEST=	0
INDE	0	6	38	FOBS=	110.9	SIGMA=	3.3	PHAS=	-180.0	FOM=	0.45	TEST=	0
INDE	0	6	40	FOBS=	200.9	SIGMA=	1.1	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	6	42	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	6	44	FOBS=	43.4	SIGMA=	4.3	PHAS=	0.0	FOM=	0.08	TEST=	0
INDE	0	6	46	FOBS=	62.0	SIGMA=	3.3	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	6	48	FOBS=	14.0	SIGMA=	19.2	PHAS=	-180.0	FOM=	0.17	TEST=	0
INDE	0	6	50	FOBS=	31.1	SIGMA=	7.8	PHAS=	0.0	FOM=	0.04	TEST=	0
INDE	0	6	52	FOBS=	149.7	SIGMA=	1.7	PHAS=	-180.0	FOM=	0.97	TEST=	0
INDE	0	6	54	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	6	56	FOBS=	118.0	SIGMA=	1.9	PHAS=	-180.0	FOM=	0.61	TEST=	0
INDE	0	6	58	FOBS=	56.7	SIGMA=	3.6	PHAS=	0.0	FOM=	0.70	TEST=	0
INDE	0	6	60	FOBS=	70.3	SIGMA=	2.9	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	6	62	FOBS=	29.4	SIGMA=	6.8	PHAS=	-180.0	FOM=	0.35	TEST=	0
INDE	0	6	64	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	6	66	FOBS=	36.6	SIGMA=	9.8	PHAS=	0.0	FOM=	0.65	TEST=	0
INDE	0	6	68	FOBS=	18.6	SIGMA=	19.4	PHAS=	0.0	FOM=	0.33	TEST=	1
INDE	0	6	70	FOBS=	36.0	SIGMA=	10.3	PHAS=	0.0	FOM=	0.28	TEST=	0
INDE	0	6	72	FOBS=	57.0	SIGMA=	6.4	PHAS=	0.0	FOM=	0.75	TEST=	0
INDE	0	7	17	FOBS=	390.2	SIGMA=	0.7	PHAS=	90.0	FOM=	1.00	TEST=	1
INDE	0	7	19	FOBS=	158.9	SIGMA=	0.7	PHAS=	90.0	FOM=	0.93	TEST=	0
INDE	0	7	21	FOBS=	323.8	SIGMA=	0.7	PHAS=	-90.0	FOM=	0.99	TEST=	0
INDE	0	7	23	FOBS=	350.5	SIGMA=	0.8	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	7	25	FOBS=	50.9	SIGMA=	3.0	PHAS=	90.0	FOM=	0.54	TEST=	0
INDE	0	7	27	FOBS=	104.0	SIGMA=	1.8	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	7	29	FOBS=	24.2	SIGMA=	7.0	PHAS=	-90.0	FOM=	0.12	TEST=	0
INDE	0	7	31	FOBS=	111.5	SIGMA=	1.8	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	7	33	FOBS=	121.4	SIGMA=	1.8	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	7	35	FOBS=	160.6	SIGMA=	1.6	PHAS=	-90.0	FOM=	0.88	TEST=	1
INDE	0	7	37	FOBS=	39.6	SIGMA=	6.0	PHAS=	-90.0	FOM=	0.96	TEST=	0
INDE	0	7	39	FOBS=	0.0	SIGMA=	22.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	7	41	FOBS=	101.1	SIGMA=	3.0	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	7	43	FOBS=	240.7	SIGMA=	1.1	PHAS=	-90.0	FOM=	0.97	TEST=	0
INDE	0	7	45	FOBS=	128.5	SIGMA=	1.6	PHAS=	-90.0	FOM=	0.88	TEST=	0
INDE	0	7	47	FOBS=	280.0	SIGMA=	0.9	PHAS=	90.0	FOM=	1.00	TEST=	0

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INDE	0	7	49	FOBS=	201.9	SIGMA=	1.3	PHAS=	90.0	FOM=	0.93	TEST=	1
INDE	0	7	51	FOBS=	42.5	SIGMA=	6.5	PHAS=	-90.0	FOM=	0.19	TEST=	0
INDE	0	7	53	FOBS=	90.8	SIGMA=	2.5	PHAS=	90.0	FOM=	0.98	TEST=	0
INDE	0	7	55	FOBS=	81.5	SIGMA=	2.7	PHAS=	90.0	FOM=	0.17	TEST=	0
INDE	0	7	57	FOBS=	159.1	SIGMA=	1.4	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	7	59	FOBS=	13.1	SIGMA=	17.4	PHAS=	-90.0	FOM=	0.11	TEST=	0
INDE	0	7	61	FOBS=	132.2	SIGMA=	1.6	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	7	63	FOBS=	41.1	SIGMA=	6.2	PHAS=	90.0	FOM=	0.25	TEST=	1
INDE	0	7	65	FOBS=	13.0	SIGMA=	22.5	PHAS=	90.0	FOM=	0.21	TEST=	0
INDE	0	7	67	FOBS=	0.0	SIGMA=	26.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	7	69	FOBS=	63.6	SIGMA=	5.7	PHAS=	-90.0	FOM=	0.90	TEST=	0
INDE	0	7	71	FOBS=	89.9	SIGMA=	4.2	PHAS=	-90.0	FOM=	0.74	TEST=	0
INDE	0	7	73	FOBS=	42.3	SIGMA=	9.0	PHAS=	-90.0	FOM=	0.71	TEST=	0
INDE	0	7	75	FOBS=	0.0	SIGMA=	27.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	8	18	FOBS=	437.1	SIGMA=	0.4	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	8	20	FOBS=	429.7	SIGMA=	0.8	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	8	22	FOBS=	206.4	SIGMA=	0.8	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	8	24	FOBS=	196.7	SIGMA=	0.8	PHAS=	-180.0	FOM=	0.91	TEST=	1
INDE	0	8	26	FOBS=	19.5	SIGMA=	8.1	PHAS=	0.0	FOM=	0.94	TEST=	0
INDE	0	8	28	FOBS=	159.3	SIGMA=	1.3	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	8	30	FOBS=	81.1	SIGMA=	2.4	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	8	32	FOBS=	63.0	SIGMA=	3.2	PHAS=	-180.0	FOM=	0.20	TEST=	0
INDE	0	8	34	FOBS=	135.7	SIGMA=	1.7	PHAS=	-180.0	FOM=	0.98	TEST=	0
INDE	0	8	36	FOBS=	25.8	SIGMA=	8.8	PHAS=	-180.0	FOM=	0.17	TEST=	0
INDE	0	8	38	FOBS=	126.0	SIGMA=	2.2	PHAS=	-180.0	FOM=	0.99	TEST=	1
INDE	0	8	40	FOBS=	80.5	SIGMA=	3.6	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	8	42	FOBS=	129.3	SIGMA=	2.5	PHAS=	-180.0	FOM=	0.99	TEST=	0
INDE	0	8	44	FOBS=	162.6	SIGMA=	1.3	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	8	46	FOBS=	122.7	SIGMA=	1.9	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	8	48	FOBS=	282.1	SIGMA=	1.4	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	8	50	FOBS=	3.4	SIGMA=	79.6	PHAS=	0.0	FOM=	0.03	TEST=	0
INDE	0	8	52	FOBS=	111.4	SIGMA=	2.3	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	8	54	FOBS=	324.0	SIGMA=	1.2	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	8	56	FOBS=	100.9	SIGMA=	2.2	PHAS=	0.0	FOM=	0.98	TEST=	0
INDE	0	8	58	FOBS=	117.5	SIGMA=	1.9	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	8	60	FOBS=	72.6	SIGMA=	2.9	PHAS=	-180.0	FOM=	0.80	TEST=	0
INDE	0	8	62	FOBS=	20.7	SIGMA=	12.4	PHAS=	-180.0	FOM=	0.31	TEST=	0
INDE	0	8	64	FOBS=	58.5	SIGMA=	4.5	PHAS=	0.0	FOM=	0.13	TEST=	0
INDE	0	8	66	FOBS=	75.0	SIGMA=	5.0	PHAS=	-180.0	FOM=	0.80	TEST=	0
INDE	0	8	68	FOBS=	0.0	SIGMA=	27.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	8	70	FOBS=	0.0	SIGMA=	27.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	8	72	FOBS=	37.2	SIGMA=	9.9	PHAS=	0.0	FOM=	0.19	TEST=	0
INDE	0	8	74	FOBS=	0.0	SIGMA=	27.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	8	76	FOBS=	0.0	SIGMA=	28.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	9	17	FOBS=	62.8	SIGMA=	1.4	PHAS=	90.0	FOM=	0.14	TEST=	0
INDE	0	9	19	FOBS=	475.5	SIGMA=	0.5	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	9	21	FOBS=	521.8	SIGMA=	0.6	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	9	23	FOBS=	270.4	SIGMA=	0.8	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	9	25	FOBS=	353.2	SIGMA=	0.9	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	9	27	FOBS=	11.4	SIGMA=	14.3	PHAS=	-90.0	FOM=	0.03	TEST=	0
INDE	0	9	29	FOBS=	69.5	SIGMA=	2.6	PHAS=	-90.0	FOM=	0.98	TEST=	0
INDE	0	9	31	FOBS=	118.8	SIGMA=	1.8	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	9	33	FOBS=	76.9	SIGMA=	2.7	PHAS=	-90.0	FOM=	0.91	TEST=	0
INDE	0	9	35	FOBS=	190.7	SIGMA=	1.4	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	9	37	FOBS=	120.7	SIGMA=	2.1	PHAS=	90.0	FOM=	0.22	TEST=	0
INDE	0	9	39	FOBS=	186.3	SIGMA=	1.7	PHAS=	90.0	FOM=	0.98	TEST=	0
INDE	0	9	41	FOBS=	40.8	SIGMA=	7.4	PHAS=	90.0	FOM=	0.29	TEST=	0
INDE	0	9	43	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	9	45	FOBS=	28.6	SIGMA=	7.5	PHAS=	-90.0	FOM=	0.20	TEST=	0
INDE	0	9	47	FOBS=	40.7	SIGMA=	6.2	PHAS=	-90.0	FOM=	0.99	TEST=	0
INDE	0	9	49	FOBS=	164.9	SIGMA=	1.7	PHAS=	-90.0	FOM=	0.92	TEST=	0
INDE	0	9	51	FOBS=	85.4	SIGMA=	3.0	PHAS=	90.0	FOM=	0.76	TEST=	0
INDE	0	9	53	FOBS=	207.0	SIGMA=	1.2	PHAS=	-90.0	FOM=	1.00	TEST=	1
INDE	0	9	55	FOBS=	315.5	SIGMA=	0.9	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	9	57	FOBS=	110.7	SIGMA=	2.1	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	9	59	FOBS=	29.4	SIGMA=	9.1	PHAS=	-90.0	FOM=	0.04	TEST=	0
INDE	0	9	61	FOBS=	173.2	SIGMA=	1.4	PHAS=	90.0	FOM=	0.99	TEST=	0
INDE	0	9	63	FOBS=	162.2	SIGMA=	1.7	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	9	65	FOBS=	0.0	SIGMA=	24.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	9	67	FOBS=	0.0	SIGMA=	27.4	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	0	9	69	FOBS=	30.4	SIGMA=	12.4	PHAS=	90.0	FOM=	0.32	TEST=	0
INDE	0	9	71	FOBS=	19.2	SIGMA=	20.0	PHAS=	-90.0	FOM=	0.22	TEST=	0
INDE	0	9	73	FOBS=	57.0	SIGMA=	6.7	PHAS=	-90.0	FOM=	0.92	TEST=	0
INDE	0	9	75	FOBS=	34.0	SIGMA=	11.7	PHAS=	90.0	FOM=	0.71	TEST=	0
INDE	0	9	77	FOBS=	66.5	SIGMA=	6.4	PHAS=	90.0	FOM=	0.92	TEST=	0
INDE	0	10	16	FOBS=	68.6	SIGMA=	1.2	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	10	18	FOBS=	101.6	SIGMA=	0.6	PHAS=	-180.0	FOM=	0.87	TEST=	0
INDE	0	10	20	FOBS=	225.8	SIGMA=	0.7	PHAS=	0.0	FOM=	0.93	TEST=	0
INDE	0	10	22	FOBS=	201.2	SIGMA=	0.5	PHAS=	-180.0	FOM=	0.99	TEST=	0
INDE	0	10	24	FOBS=	75.8	SIGMA=	1.0	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	10	26	FOBS=	174.4	SIGMA=	1.0	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	10	28	FOBS=	59.9	SIGMA=	2.1	PHAS=	-180.0	FOM=	0.54	TEST=	0
INDE	0	10	30	FOBS=	0.0	SIGMA=	18.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	10	32	FOBS=	123.5	SIGMA=	1.8	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	10	34	FOBS=	104.4	SIGMA=	2.2	PHAS=	-180.0	FOM=	0.99	TEST=	0
INDE	0	10	36	FOBS=	211.0	SIGMA=	1.4	PHAS=	-180.0	FOM=	0.99	TEST=	0
INDE	0	10	38	FOBS=	312.5	SIGMA=	1.2	PHAS=	0.0	FOM=	0.25	TEST=	0
INDE	0	10	40	FOBS=	255.9	SIGMA=	1.4	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	10	42	FOBS=	36.6	SIGMA=	8.5	PHAS=	-180.0	FOM=	0.01	TEST=	0
INDE	0	10	44	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	10	46	FOBS=	170.7	SIGMA=	1.4	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	10	48	FOBS=	116.8	SIGMA=	2.3	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	10	50	FOBS=	36.1	SIGMA=	8.9	PHAS=	-180.0	FOM=	0.10	TEST=	0
INDE	0	10	52	FOBS=	0.0	SIGMA=	25.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	10	54	FOBS=	35.5	SIGMA=	6.4	PHAS=	0.0	FOM=	0.13	TEST=	0
INDE	0	10	56	FOBS=	164.4	SIGMA=	1.5	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	10	58	FOBS=	209.4	SIGMA=	1.2	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	10	60	FOBS=	147.7	SIGMA=	1.6	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	10	62	FOBS=	173.4	SIGMA=	1.4	PHAS=	0.0	FOM=	0.77	TEST=	1
INDE	0	10	64	FOBS=	49.1	SIGMA=	5.4	PHAS=	-180.0	FOM=	0.14	TEST=	0
INDE	0	10	66	FOBS=	132.6	SIGMA=	3.0	PHAS=	0.0	FOM=	0.36	TEST=	0
INDE	0	10	68	FOBS=	51.6	SIGMA=	7.4	PHAS=	-180.0	FOM=	0.01	TEST=	0
INDE	0	10	70	FOBS=	147.4	SIGMA=	2.9	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	10	72	FOBS=	31.3	SIGMA=	12.4	PHAS=	0.0	FOM=	0.63	TEST=	0
INDE	0	10	74	FOBS=	0.0	SIGMA=	28.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	10	76	FOBS=	96.8	SIGMA=	4.3	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	11	15	FOBS=	260.2	SIGMA=	0.8	PHAS=	90.0	FOM=	0.96	TEST=	0
INDE	0	11	17	FOBS=	262.7	SIGMA=	0.8	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	11	19	FOBS=	97.4	SIGMA=	0.7	PHAS=	-90.0	FOM=	0.04	TEST=	0
INDE	0	11	21	FOBS=	27.2	SIGMA=	2.5	PHAS=	-90.0	FOM=	0.74	TEST=	0
INDE	0	11	23	FOBS=	185.9	SIGMA=	0.8	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	11	25	FOBS=	166.4	SIGMA=	0.9	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	11	27	FOBS=	41.1	SIGMA=	1.7	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	11	29	FOBS=	18.2	SIGMA=	6.9	PHAS=	-90.0	FOM=	0.97	TEST=	0
INDE	0	11	31	FOBS=	90.3	SIGMA=	1.9	PHAS=	90.0	FOM=	1.00	TEST=	1
INDE	0	11	33	FOBS=	56.1	SIGMA=	3.7	PHAS=	90.0	FOM=	0.54	TEST=	0
INDE	0	11	35	FOBS=	75.2	SIGMA=	3.1	PHAS=	-90.0	FOM=	0.53	TEST=	0
INDE	0	11	37	FOBS=	65.6	SIGMA=	3.8	PHAS=	90.0	FOM=	0.88	TEST=	0
INDE	0	11	39	FOBS=	72.4	SIGMA=	3.8	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	11	41	FOBS=	213.4	SIGMA=	1.7	PHAS=	90.0	FOM=	0.19	TEST=	1
INDE	0	11	43	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	11	45	FOBS=	361.9	SIGMA=	1.4	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	11	47	FOBS=	247.7	SIGMA=	1.1	PHAS=	90.0	FOM=	1.90	TEST=	1
INDE	0	11	49	FOBS=	222.4	SIGMA=	1.8	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	11	51	FOBS=	143.3	SIGMA=	1.9	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	11	53	FOBS=	124.0	SIGMA=	1.9	PHAS=	-90.0	FOM=	0.95	TEST=	0
INDE	0	11	55	FOBS=	143.5	SIGMA=	1.7	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	11	57	FOBS=	133.2	SIGMA=	1.8	PHAS=	90.0	FOM=	0.90	TEST=	0
INDE	0	11	59	FOBS=	237.0	SIGMA=	1.1	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	11	61	FOBS=	70.1	SIGMA=	3.2	PHAS=	90.0	FOM=	0.60	TEST=	0
INDE	0	11	63	FOBS=	37.0	SIGMA=	7.3	PHAS=	-90.0	FOM=	0.14	TEST=	0
INDE	0	11	65	FOBS=	76.6	SIGMA=	5.2	PHAS=	-90.0	FOM=	0.63	TEST=	0
INDE	0	11	67	FOBS=	44.7	SIGMA=	8.6	PHAS=	90.0	FOM=	0.46	TEST=	0
INDE	0	11	69	FOBS=	79.6	SIGMA=	5.0	PHAS=	90.0	FOM=	0.76	TEST=	1
INDE	0	11	71	FOBS=	79.8	SIGMA=	5.0	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	11	73	FOBS=	6.2	SIGMA=	64.9	PHAS=	-90.0	FOM=	0.08	TEST=	0
INDE	0	11	75	FOBS=	94.9	SIGMA=	4.4	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	12	14	FOBS=	152.1	SIGMA=	1.0	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	12	16	FOBS=	108.4	SIGMA=	0.9	PHAS=	0.0	FOM=	0.66	TEST=	0
INDE	0	12	18	FOBS=	340.1	SIGMA=	0.9	PHAS=	0.0	FOM=	1.00	TEST=	0

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INDE	0	12	20	FOBS=	161.8	SIGMA=	0.8	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	12	22	FOBS=	104.2	SIGMA=	1.1	PHAS=	0.0	FOM=	0.80	TEST=	0
INDE	0	12	24	FOBS=	68.5	SIGMA=	1.0	PHAS=	-180.0	FOM=	0.52	TEST=	0
INDE	0	12	26	FOBS=	42.8	SIGMA=	1.6	PHAS=	-180.0	FOM=	0.96	TEST=	0
INDE	0	12	28	FOBS=	191.6	SIGMA=	0.9	PHAS=	0.0	FOM=	1.00	TEST=	1
INDE	0	12	30	FOBS=	48.2	SIGMA=	2.8	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	12	32	FOBS=	95.4	SIGMA=	1.6	PHAS=	-180.0	FOM=	0.94	TEST=	0
INDE	0	12	34	FOBS=	111.2	SIGMA=	2.1	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	12	36	FOBS=	56.4	SIGMA=	4.3	PHAS=	-180.0	FOM=	0.88	TEST=	0
INDE	0	12	38	FOBS=	676.9	SIGMA=	1.0	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	12	40	FOBS=	203.6	SIGMA=	1.7	PHAS=	0.0	FOM=	0.96	TEST=	0
INDE	0	12	42	FOBS=	144.6	SIGMA=	2.3	PHAS=	-180.0	FOM=	1.00	TEST=	1
INDE	0	12	44	FOBS=	194.9	SIGMA=	2.1	PHAS=	0.0	FOM=	0.99	TEST=	0
INDE	0	12	46	FOBS=	304.2	SIGMA=	1.6	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	12	48	FOBS=	93.1	SIGMA=	3.0	PHAS=	-180.0	FOM=	0.92	TEST=	0
INDE	0	12	50	FOBS=	181.3	SIGMA=	1.6	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	12	52	FOBS=	238.3	SIGMA=	1.3	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	12	54	FOBS=	0.0	SIGMA=	27.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	12	56	FOBS=	22.0	SIGMA=	10.1	PHAS=	-180.0	FOM=	0.10	TEST=	0
INDE	0	12	58	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	12	60	FOBS=	95.9	SIGMA=	2.4	PHAS=	0.0	FOM=	0.95	TEST=	0
INDE	0	12	62	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	12	64	FOBS=	144.0	SIGMA=	2.3	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	12	66	FOBS=	90.4	SIGMA=	4.5	PHAS=	0.0	FOM=	0.79	TEST=	0
INDE	0	12	68	FOBS=	59.3	SIGMA=	6.7	PHAS=	0.0	FOM=	0.38	TEST=	1
INDE	0	12	70	FOBS=	0.0	SIGMA=	28.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	12	72	FOBS=	0.0	SIGMA=	28.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	12	76	FOBS=	90.7	SIGMA=	4.7	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	13	13	FOBS=	49.4	SIGMA=	2.4	PHAS=	90.0	FOM=	0.20	TEST=	0
INDE	0	13	15	FOBS=	47.4	SIGMA=	2.7	PHAS=	90.0	FOM=	0.41	TEST=	0
INDE	0	13	17	FOBS=	79.3	SIGMA=	1.3	PHAS=	-90.0	FOM=	0.98	TEST=	0
INDE	0	13	19	FOBS=	257.6	SIGMA=	0.8	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	13	21	FOBS=	147.6	SIGMA=	0.7	PHAS=	-90.0	FOM=	0.94	TEST=	0
INDE	0	13	23	FOBS=	116.5	SIGMA=	0.7	PHAS=	-90.0	FOM=	0.69	TEST=	0
INDE	0	13	25	FOBS=	132.3	SIGMA=	0.6	PHAS=	-90.0	FOM=	0.90	TEST=	1
INDE	0	13	27	FOBS=	57.8	SIGMA=	1.3	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	13	29	FOBS=	0.0	SIGMA=	13.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	13	31	FOBS=	136.4	SIGMA=	0.8	PHAS=	-90.0	FOM=	0.68	TEST=	0
INDE	0	13	33	FOBS=	71.7	SIGMA=	2.2	PHAS=	90.0	FOM=	0.79	TEST=	0
INDE	0	13	35	FOBS=	35.3	SIGMA=	5.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	13	37	FOBS=	596.8	SIGMA=	1.0	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	13	39	FOBS=	441.4	SIGMA=	1.1	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	13	41	FOBS=	255.4	SIGMA=	1.5	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	13	43	FOBS=	91.2	SIGMA=	3.9	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	13	45	FOBS=	82.9	SIGMA=	4.6	PHAS=	90.0	FOM=	0.48	TEST=	0
INDE	0	13	47	FOBS=	93.3	SIGMA=	6.3	PHAS=	-90.0	FOM=	0.17	TEST=	0
INDE	0	13	49	FOBS=	255.1	SIGMA=	1.6	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	13	51	FOBS=	199.0	SIGMA=	1.5	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	13	53	FOBS=	93.9	SIGMA=	2.6	PHAS=	90.0	FOM=	0.99	TEST=	0
INDE	0	13	55	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	13	57	FOBS=	68.0	SIGMA=	3.4	PHAS=	90.0	FOM=	0.95	TEST=	0
INDE	0	13	59	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	13	61	FOBS=	89.4	SIGMA=	2.5	PHAS=	-90.0	FOM=	0.87	TEST=	0
INDE	0	13	63	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	13	65	FOBS=	15.6	SIGMA=	26.3	PHAS=	90.0	FOM=	0.04	TEST=	0
INDE	0	13	67	FOBS=	109.5	SIGMA=	3.8	PHAS=	-90.0	FOM=	0.98	TEST=	0
INDE	0	13	69	FOBS=	47.7	SIGMA=	8.5	PHAS=	-90.0	FOM=	0.99	TEST=	0
INDE	0	13	71	FOBS=	53.2	SIGMA=	7.5	PHAS=	-90.0	FOM=	0.20	TEST=	0
INDE	0	13	73	FOBS=	60.3	SIGMA=	6.9	PHAS=	-90.0	FOM=	0.98	TEST=	0
INDE	0	13	75	FOBS=	104.6	SIGMA=	4.2	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	14	14	FOBS=	371.1	SIGMA=	0.8	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	14	16	FOBS=	37.1	SIGMA=	3.5	PHAS=	0.0	FOM=	0.48	TEST=	0
INDE	0	14	18	FOBS=	174.1	SIGMA=	0.8	PHAS=	0.0	FOM=	0.96	TEST=	0
INDE	0	14	20	FOBS=	80.7	SIGMA=	1.4	PHAS=	-180.0	FOM=	0.65	TEST=	0
INDE	0	14	22	FOBS=	41.8	SIGMA=	1.8	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	14	24	FOBS=	137.1	SIGMA=	0.8	PHAS=	-180.0	FOM=	0.84	TEST=	0
INDE	0	14	26	FOBS=	212.3	SIGMA=	0.8	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	14	28	FOBS=	246.4	SIGMA=	0.8	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	14	30	FOBS=	0.0	SIGMA=	13.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	14	32	FOBS=	206.2	SIGMA=	0.9	PHAS=	-180.0	FOM=	0.87	TEST=	0

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INDE	0	14	34	FOBS=	252.6	SIGMA=	0.9	PHAS=	-180.0	FOM=	0.90	TEST=	0
INDE	0	14	36	FOBS=	52.4	SIGMA=	3.5	PHAS=	0.0	FOM=	0.59	TEST=	0
INDE	0	14	38	FOBS=	106.9	SIGMA=	2.8	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	14	40	FOBS=	50.5	SIGMA=	6.1	PHAS=	-180.0	FOM=	0.86	TEST=	0
INDE	0	14	42	FOBS=	173.5	SIGMA=	2.1	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	14	44	FOBS=	167.6	SIGMA=	2.4	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	14	46	FOBS=	236.8	SIGMA=	2.7	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	14	48	FOBS=	41.7	SIGMA=	9.9	PHAS=	-180.0	FOM=	0.33	TEST=	0
INDE	0	14	50	FOBS=	154.0	SIGMA=	1.9	PHAS=	0.0	FOM=	1.00	TEST=	1
INDE	0	14	52	FOBS=	139.2	SIGMA=	2.0	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	14	54	FOBS=	37.0	SIGMA=	6.3	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	14	56	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	14	58	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	14	60	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	14	62	FOBS=	48.9	SIGMA=	4.6	PHAS=	-180.0	FOM=	0.33	TEST=	0
INDE	0	14	64	FOBS=	45.4	SIGMA=	7.2	PHAS=	0.0	FOM=	0.84	TEST=	0
INDE	0	14	66	FOBS=	88.7	SIGMA=	4.8	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	14	68	FOBS=	23.1	SIGMA=	17.6	PHAS=	-180.0	FOM=	0.63	TEST=	0
INDE	0	14	70	FOBS=	101.6	SIGMA=	4.2	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	14	72	FOBS=	106.7	SIGMA=	4.0	PHAS=	-180.0	FOM=	0.97	TEST=	0
INDE	0	14	74	FOBS=	157.5	SIGMA=	2.9	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	14	76	FOBS=	13.6	SIGMA=	32.3	PHAS=	-180.0	FOM=	0.29	TEST=	0
INDE	0	15	15	FOBS=	396.6	SIGMA=	0.8	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	15	17	FOBS=	233.9	SIGMA=	1.5	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	15	19	FOBS=	309.6	SIGMA=	0.7	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	15	21	FOBS=	213.1	SIGMA=	0.7	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	15	23	FOBS=	36.9	SIGMA=	2.1	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	15	25	FOBS=	303.6	SIGMA=	0.8	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	15	27	FOBS=	0.0	SIGMA=	12.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	15	29	FOBS=	60.5	SIGMA=	1.4	PHAS=	-90.0	FOM=	0.17	TEST=	0
INDE	0	15	31	FOBS=	285.7	SIGMA=	0.8	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	15	33	FOBS=	184.0	SIGMA=	0.8	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	15	35	FOBS=	20.9	SIGMA=	8.4	PHAS=	90.0	FOM=	0.19	TEST=	0
INDE	0	15	37	FOBS=	628.5	SIGMA=	1.0	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	15	39	FOBS=	97.7	SIGMA=	2.6	PHAS=	-90.0	FOM=	0.09	TEST=	1
INDE	0	15	41	FOBS=	165.3	SIGMA=	2.2	PHAS=	-90.0	FOM=	0.43	TEST=	0
INDE	0	15	43	FOBS=	64.2	SIGMA=	5.7	PHAS=	90.0	FOM=	0.55	TEST=	0
INDE	0	15	45	FOBS=	247.9	SIGMA=	1.8	PHAS=	90.0	FOM=	0.98	TEST=	0
INDE	0	15	47	FOBS=	157.4	SIGMA=	2.7	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	15	49	FOBS=	112.8	SIGMA=	3.1	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	15	51	FOBS=	43.7	SIGMA=	6.2	PHAS=	90.0	FOM=	0.15	TEST=	0
INDE	0	15	53	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	15	55	FOBS=	145.9	SIGMA=	1.7	PHAS=	90.0	FOM=	1.00	TEST=	1
INDE	0	15	57	FOBS=	16.7	SIGMA=	13.6	PHAS=	90.0	FOM=	0.17	TEST=	0
INDE	0	15	59	FOBS=	44.3	SIGMA=	5.0	PHAS=	-90.0	FOM=	0.89	TEST=	0
INDE	0	15	61	FOBS=	28.6	SIGMA=	8.9	PHAS=	-90.0	FOM=	0.73	TEST=	0
INDE	0	15	63	FOBS=	27.6	SIGMA=	8.2	PHAS=	-90.0	FOM=	0.73	TEST=	0
INDE	0	15	65	FOBS=	46.5	SIGMA=	9.3	PHAS=	-90.0	FOM=	0.88	TEST=	0
INDE	0	15	67	FOBS=	49.7	SIGMA=	8.4	PHAS=	-90.0	FOM=	0.83	TEST=	0
INDE	0	15	69	FOBS=	60.7	SIGMA=	6.9	PHAS=	-90.0	FOM=	0.40	TEST=	0
INDE	0	15	71	FOBS=	82.5	SIGMA=	5.2	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	15	73	FOBS=	144.1	SIGMA=	3.1	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	15	75	FOBS=	36.0	SIGMA=	12.2	PHAS=	-90.0	FOM=	0.19	TEST=	0
INDE	0	16	16	FOBS=	301.5	SIGMA=	0.9	PHAS=	-180.0	FOM=	1.00	TEST=	1
INDE	0	16	18	FOBS=	214.7	SIGMA=	1.1	PHAS=	-180.0	FOM=	0.98	TEST=	0
INDE	0	16	20	FOBS=	443.7	SIGMA=	0.9	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	16	22	FOBS=	167.0	SIGMA=	0.9	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	16	24	FOBS=	74.6	SIGMA=	1.2	PHAS=	0.0	FOM=	0.95	TEST=	0
INDE	0	16	26	FOBS=	122.0	SIGMA=	0.8	PHAS=	-180.0	FOM=	0.99	TEST=	0
INDE	0	16	28	FOBS=	17.4	SIGMA=	5.0	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	16	30	FOBS=	28.8	SIGMA=	3.1	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	16	32	FOBS=	180.2	SIGMA=	0.8	PHAS=	-180.0	FOM=	0.91	TEST=	1
INDE	0	16	34	FOBS=	495.6	SIGMA=	0.8	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	16	36	FOBS=	143.3	SIGMA=	1.5	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	16	38	FOBS=	187.6	SIGMA=	1.3	PHAS=	0.0	FOM=	0.97	TEST=	0
INDE	0	16	40	FOBS=	127.4	SIGMA=	1.9	PHAS=	-180.0	FOM=	0.99	TEST=	1
INDE	0	16	42	FOBS=	91.0	SIGMA=	3.9	PHAS=	-180.0	FOM=	0.86	TEST=	0
INDE	0	16	44	FOBS=	110.6	SIGMA=	3.6	PHAS=	0.0	FOM=	0.77	TEST=	0
INDE	0	16	46	FOBS=	80.8	SIGMA=	5.3	PHAS=	0.0	FOM=	0.38	TEST=	0
INDE	0	16	48	FOBS=	245.4	SIGMA=	1.9	PHAS=	-180.0	FOM=	1.00	TEST=	0

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INDE	0	16	50	FOBS=	113.1	SIGMA=	2.5	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	16	52	FOBS=	141.4	SIGMA=	2.0	PHAS=	-180.0	FOM=	0.98	TEST=	0
INDE	0	16	54	FOBS=	50.8	SIGMA=	4.6	PHAS=	0.0	FOM=	0.35	TEST=	1
INDE	0	16	56	FOBS=	110.6	SIGMA=	2.2	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	16	58	FOBS=	98.3	SIGMA=	2.4	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	16	60	FOBS=	26.5	SIGMA=	8.6	PHAS=	-180.0	FOM=	0.04	TEST=	1
INDE	0	16	62	FOBS=	176.6	SIGMA=	1.8	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	16	64	FOBS=	56.9	SIGMA=	7.7	PHAS=	0.0	FOM=	0.64	TEST=	1
INDE	0	16	66	FOBS=	56.2	SIGMA=	7.7	PHAS=	0.0	FOM=	0.88	TEST=	0
INDE	0	16	68	FOBS=	16.4	SIGMA=	26.0	PHAS=	-180.0	FOM=	0.06	TEST=	0
INDE	0	16	70	FOBS=	27.1	SIGMA=	15.5	PHAS=	-180.0	FOM=	0.26	TEST=	0
INDE	0	16	72	FOBS=	42.7	SIGMA=	10.0	PHAS=	0.0	FOM=	0.44	TEST=	0
INDE	0	16	74	FOBS=	59.6	SIGMA=	7.4	PHAS=	-180.0	FOM=	0.99	TEST=	0
INDE	0	16	76	FOBS=	0.0	SIGMA=	30.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	17	17	FOBS=	86.7	SIGMA=	1.9	PHAS=	90.0	FOM=	0.64	TEST=	0
INDE	0	17	19	FOBS=	291.2	SIGMA=	1.0	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	17	21	FOBS=	185.9	SIGMA=	1.2	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	17	23	FOBS=	12.7	SIGMA=	10.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	17	25	FOBS=	97.6	SIGMA=	1.0	PHAS=	90.0	FOM=	0.99	TEST=	0
INDE	0	17	27	FOBS=	231.4	SIGMA=	0.9	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	17	29	FOBS=	0.0	SIGMA=	13.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	17	31	FOBS=	287.3	SIGMA=	0.8	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	17	33	FOBS=	268.6	SIGMA=	0.7	PHAS=	-90.0	FOM=	0.75	TEST=	0
INDE	0	17	35	FOBS=	8.9	SIGMA=	12.3	PHAS=	-90.0	FOM=	0.04	TEST=	0
INDE	0	17	37	FOBS=	324.9	SIGMA=	0.9	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	17	39	FOBS=	159.4	SIGMA=	1.8	PHAS=	90.0	FOM=	0.74	TEST=	0
INDE	0	17	41	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	17	43	FOBS=	85.3	SIGMA=	4.5	PHAS=	90.0	FOM=	0.28	TEST=	0
INDE	0	17	45	FOBS=	0.0	SIGMA=	28.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	17	47	FOBS=	360.8	SIGMA=	1.5	PHAS=	-90.0	FOM=	0.93	TEST=	1
INDE	0	17	49	FOBS=	140.7	SIGMA=	4.2	PHAS=	-90.0	FOM=	0.06	TEST=	1
INDE	0	17	51	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	17	53	FOBS=	165.6	SIGMA=	1.6	PHAS=	90.0	FOM=	1.00	TEST=	1
INDE	0	17	55	FOBS=	42.4	SIGMA=	5.7	PHAS=	90.0	FOM=	0.56	TEST=	0
INDE	0	17	57	FOBS=	32.7	SIGMA=	7.1	PHAS=	-90.0	FOM=	0.26	TEST=	0
INDE	0	17	59	FOBS=	130.4	SIGMA=	1.9	PHAS=	90.0	FOM=	0.99	TEST=	0
INDE	0	17	61	FOBS=	91.0	SIGMA=	2.6	PHAS=	90.0	FOM=	0.99	TEST=	0
INDE	0	17	63	FOBS=	76.9	SIGMA=	3.0	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	17	65	FOBS=	30.8	SIGMA=	14.2	PHAS=	90.0	FOM=	0.07	TEST=	0
INDE	0	17	67	FOBS=	94.3	SIGMA=	4.8	PHAS=	-90.0	FOM=	0.67	TEST=	0
INDE	0	17	69	FOBS=	0.0	SIGMA=	29.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	17	71	FOBS=	35.6	SIGMA=	12.1	PHAS=	90.0	FOM=	0.73	TEST=	0
INDE	0	17	73	FOBS=	87.5	SIGMA=	5.1	PHAS=	90.0	FOM=	0.98	TEST=	0
INDE	0	17	75	FOBS=	33.3	SIGMA=	13.5	PHAS=	-90.0	FOM=	0.32	TEST=	0
INDE	0	18	2	FOBS=	36.3	SIGMA=	2.2	PHAS=	-180.0	FOM=	0.75	TEST=	1
INDE	0	18	4	FOBS=	69.4	SIGMA=	1.0	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	18	18	FOBS=	158.5	SIGMA=	1.3	PHAS=	-180.0	FOM=	0.50	TEST=	0
INDE	0	18	20	FOBS=	93.4	SIGMA=	2.0	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	18	22	FOBS=	22.5	SIGMA=	7.7	PHAS=	-180.0	FOM=	0.20	TEST=	0
INDE	0	18	24	FOBS=	108.6	SIGMA=	1.0	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	18	26	FOBS=	0.0	SIGMA=	14.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	18	28	FOBS=	158.9	SIGMA=	0.7	PHAS=	0.0	FOM=	0.68	TEST=	0
INDE	0	18	30	FOBS=	102.8	SIGMA=	1.3	PHAS=	0.0	FOM=	0.96	TEST=	0
INDE	0	18	32	FOBS=	35.3	SIGMA=	5.0	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	18	34	FOBS=	539.9	SIGMA=	0.5	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	18	36	FOBS=	98.1	SIGMA=	2.2	PHAS=	0.0	FOM=	0.46	TEST=	0
INDE	0	18	38	FOBS=	112.4	SIGMA=	1.2	PHAS=	0.0	FOM=	0.31	TEST=	0
INDE	0	18	40	FOBS=	83.9	SIGMA=	2.9	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	18	42	FOBS=	166.3	SIGMA=	1.7	PHAS=	0.0	FOM=	0.97	TEST=	0
INDE	0	18	44	FOBS=	35.2	SIGMA=	8.1	PHAS=	0.0	FOM=	0.34	TEST=	0
INDE	0	18	46	FOBS=	204.1	SIGMA=	2.2	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	18	48	FOBS=	0.0	SIGMA=	28.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	18	50	FOBS=	88.4	SIGMA=	6.3	PHAS=	-180.0	FOM=	0.98	TEST=	0
INDE	0	18	52	FOBS=	88.1	SIGMA=	3.2	PHAS=	0.0	FOM=	0.99	TEST=	0
INDE	0	18	54	FOBS=	96.0	SIGMA=	2.6	PHAS=	0.0	FOM=	1.00	TEST=	1
INDE	0	18	56	FOBS=	41.2	SIGMA=	5.7	PHAS=	0.0	FOM=	0.79	TEST=	0
INDE	0	18	58	FOBS=	66.6	SIGMA=	3.5	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	18	60	FOBS=	141.4	SIGMA=	1.7	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	18	62	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	18	64	FOBS=	134.4	SIGMA=	3.5	PHAS=	0.0	FOM=	0.99	TEST=	0

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INDE	0	18	66	FOBS=	169.9	SIGMA=	2.8	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	18	68	FOBS=	0.0	SIGMA=	29.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	18	70	FOBS=	32.1	SIGMA=	13.7	PHAS=	0.0	FOM=	0.32	TEST=	0
INDE	0	18	72	FOBS=	0.0	SIGMA=	29.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	18	74	FOBS=	14.8	SIGMA=	30.1	PHAS=	-180.0	FOM=	0.22	TEST=	0
INDE	0	19	1	FOBS=	11.5	SIGMA=	4.2	PHAS=	-90.0	FOM=	0.28	TEST=	1
INDE	0	19	3	FOBS=	109.1	SIGMA=	1.0	PHAS=	-90.0	FOM=	0.05	TEST=	0
INDE	0	19	5	FOBS=	114.6	SIGMA=	0.7	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	19	19	FOBS=	179.5	SIGMA=	1.2	PHAS=	-90.0	FOM=	0.97	TEST=	0
INDE	0	19	21	FOBS=	85.6	SIGMA=	2.2	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	19	23	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	19	25	FOBS=	78.9	SIGMA=	1.5	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	19	27	FOBS=	91.3	SIGMA=	1.1	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	19	29	FOBS=	82.2	SIGMA=	1.3	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	19	31	FOBS=	139.3	SIGMA=	0.9	PHAS=	90.0	FOM=	0.88	TEST=	0
INDE	0	19	33	FOBS=	78.8	SIGMA=	2.5	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	19	35	FOBS=	363.7	SIGMA=	1.0	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	19	37	FOBS=	30.7	SIGMA=	5.1	PHAS=	90.0	FOM=	0.70	TEST=	0
INDE	0	19	39	FOBS=	48.9	SIGMA=	2.8	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	19	41	FOBS=	59.9	SIGMA=	4.2	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	19	43	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	19	45	FOBS=	54.1	SIGMA=	5.6	PHAS=	90.0	FOM=	0.37	TEST=	0
INDE	0	19	47	FOBS=	175.8	SIGMA=	2.5	PHAS=	-90.0	FOM=	0.59	TEST=	1
INDE	0	19	49	FOBS=	370.5	SIGMA=	2.0	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	19	51	FOBS=	32.9	SIGMA=	16.6	PHAS=	90.0	FOM=	0.32	TEST=	0
INDE	0	19	53	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	19	55	FOBS=	158.7	SIGMA=	1.7	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	19	57	FOBS=	151.8	SIGMA=	1.7	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	19	59	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	19	61	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	19	63	FOBS=	0.0	SIGMA=	24.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	19	65	FOBS=	102.8	SIGMA=	4.5	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	19	67	FOBS=	32.9	SIGMA=	13.6	PHAS=	-90.0	FOM=	0.50	TEST=	0
INDE	0	19	69	FOBS=	56.2	SIGMA=	8.1	PHAS=	90.0	FOM=	0.54	TEST=	0
INDE	0	19	71	FOBS=	28.8	SIGMA=	15.2	PHAS=	90.0	FOM=	0.00	TEST=	1
INDE	0	19	73	FOBS=	22.4	SIGMA=	19.8	PHAS=	-90.0	FOM=	0.43	TEST=	0
INDE	0	19	75	FOBS=	20.2	SIGMA=	22.7	PHAS=	90.0	FOM=	0.62	TEST=	0
INDE	0	20	2	FOBS=	104.5	SIGMA=	0.6	PHAS=	0.0	FOM=	0.77	TEST=	0
INDE	0	20	4	FOBS=	39.5	SIGMA=	1.8	PHAS=	0.0	FOM=	0.46	TEST=	0
INDE	0	20	6	FOBS=	168.6	SIGMA=	0.6	PHAS=	-180.0	FOM=	0.12	TEST=	0
INDE	0	20	20	FOBS=	183.5	SIGMA=	1.3	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	20	22	FOBS=	198.4	SIGMA=	1.3	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	20	24	FOBS=	219.4	SIGMA=	1.2	PHAS=	-180.0	FOM=	0.92	TEST=	1
INDE	0	20	26	FOBS=	214.1	SIGMA=	0.9	PHAS=	-180.0	FOM=	0.87	TEST=	1
INDE	0	20	28	FOBS=	226.0	SIGMA=	0.7	PHAS=	0.0	FOM=	1.00	TEST=	1
INDE	0	20	30	FOBS=	53.0	SIGMA=	2.1	PHAS=	0.0	FOM=	0.57	TEST=	0
INDE	0	20	32	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	20	34	FOBS=	116.8	SIGMA=	1.8	PHAS=	0.0	FOM=	0.84	TEST=	0
INDE	0	20	36	FOBS=	360.3	SIGMA=	1.0	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	20	38	FOBS=	210.6	SIGMA=	0.8	PHAS=	0.0	FOM=	0.67	TEST=	0
INDE	0	20	40	FOBS=	136.0	SIGMA=	1.2	PHAS=	0.0	FOM=	0.96	TEST=	0
INDE	0	20	42	FOBS=	232.8	SIGMA=	1.4	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	20	44	FOBS=	89.2	SIGMA=	3.4	PHAS=	0.0	FOM=	0.53	TEST=	0
INDE	0	20	46	FOBS=	84.0	SIGMA=	3.5	PHAS=	-180.0	FOM=	0.33	TEST=	0
INDE	0	20	48	FOBS=	88.4	SIGMA=	3.8	PHAS=	0.0	FOM=	0.63	TEST=	0
INDE	0	20	50	FOBS=	165.6	SIGMA=	3.6	PHAS=	-180.0	FOM=	0.30	TEST=	1
INDE	0	20	52	FOBS=	0.0	SIGMA=	32.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	20	54	FOBS=	74.5	SIGMA=	3.4	PHAS=	-180.0	FOM=	0.94	TEST=	0
INDE	0	20	56	FOBS=	133.4	SIGMA=	1.9	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	20	58	FOBS=	38.6	SIGMA=	6.2	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	20	60	FOBS=	27.3	SIGMA=	8.7	PHAS=	0.0	FOM=	0.23	TEST=	0
INDE	0	20	62	FOBS=	70.0	SIGMA=	3.3	PHAS=	-180.0	FOM=	0.34	TEST=	0
INDE	0	20	64	FOBS=	0.0	SIGMA=	30.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	20	66	FOBS=	97.8	SIGMA=	4.8	PHAS=	0.0	FOM=	0.23	TEST=	1
INDE	0	20	68	FOBS=	60.5	SIGMA=	7.6	PHAS=	0.0	FOM=	0.92	TEST=	0
INDE	0	20	70	FOBS=	61.3	SIGMA=	7.5	PHAS=	0.0	FOM=	0.01	TEST=	1
INDE	0	20	72	FOBS=	21.1	SIGMA=	21.6	PHAS=	-180.0	FOM=	0.66	TEST=	0
INDE	0	20	74	FOBS=	0.0	SIGMA=	30.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	21	1	FOBS=	78.9	SIGMA=	0.8	PHAS=	90.0	FOM=	0.53	TEST=	0
INDE	0	21	5	FOBS=	128.2	SIGMA=	0.7	PHAS=	-90.0	FOM=	1.00	TEST=	0

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INDE	0	21	21	FOBS=	154.9	SIGMA=	1.5	PHAS=	90.0	FOM=	1.00	TEST=	1
INDE	0	21	23	FOBS=	275.6	SIGMA=	1.1	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	21	25	FOBS=	354.9	SIGMA=	1.1	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	21	27	FOBS=	301.0	SIGMA=	0.9	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	21	29	FOBS=	78.6	SIGMA=	1.4	PHAS=	90.0	FOM=	0.93	TEST=	0
INDE	0	21	31	FOBS=	0.0	SIGMA=	15.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	21	33	FOBS=	118.9	SIGMA=	1.1	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	21	35	FOBS=	51.5	SIGMA=	4.2	PHAS=	-90.0	FOM=	0.09	TEST=	0
INDE	0	21	37	FOBS=	218.7	SIGMA=	0.9	PHAS=	90.0	FOM=	1.00	TEST=	1
INDE	0	21	39	FOBS=	221.9	SIGMA=	0.9	PHAS=	-90.0	FOM=	0.94	TEST=	0
INDE	0	21	41	FOBS=	224.6	SIGMA=	1.0	PHAS=	-90.0	FOM=	1.00	TEST=	1
INDE	0	21	43	FOBS=	62.7	SIGMA=	2.8	PHAS=	-90.0	FOM=	0.49	TEST=	0
INDE	0	21	45	FOBS=	122.6	SIGMA=	2.6	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	21	47	FOBS=	42.6	SIGMA=	7.8	PHAS=	-90.0	FOM=	0.02	TEST=	1
INDE	0	21	49	FOBS=	0.0	SIGMA=	25.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	21	51	FOBS=	60.2	SIGMA=	8.8	PHAS=	90.0	FOM=	0.91	TEST=	0
INDE	0	21	53	FOBS=	45.4	SIGMA=	5.5	PHAS=	90.0	FOM=	0.92	TEST=	0
INDE	0	21	55	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	21	57	FOBS=	48.5	SIGMA=	5.0	PHAS=	-90.0	FOM=	0.04	TEST=	0
INDE	0	21	59	FOBS=	154.0	SIGMA=	1.7	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	21	61	FOBS=	133.7	SIGMA=	1.9	PHAS=	90.0	FOM=	1.00	TEST=	1
INDE	0	21	63	FOBS=	63.4	SIGMA=	4.8	PHAS=	90.0	FOM=	0.06	TEST=	0
INDE	0	21	65	FOBS=	21.5	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	21	67	FOBS=	109.8	SIGMA=	4.3	PHAS=	-90.0	FOM=	0.86	TEST=	0
INDE	0	21	69	FOBS=	12.6	SIGMA=	36.3	PHAS=	90.0	FOM=	0.02	TEST=	0
INDE	0	21	71	FOBS=	28.2	SIGMA=	16.1	PHAS=	90.0	FOM=	0.41	TEST=	0
INDE	0	21	73	FOBS=	49.2	SIGMA=	9.5	PHAS=	90.0	FOM=	0.16	TEST=	0
INDE	0	22	2	FOBS=	30.9	SIGMA=	2.1	PHAS=	-180.0	FOM=	0.08	TEST=	0
INDE	0	22	4	FOBS=	223.0	SIGMA=	0.5	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	22	6	FOBS=	306.3	SIGMA=	0.5	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	22	20	FOBS=	199.2	SIGMA=	1.8	PHAS=	-180.0	FOM=	0.95	TEST=	0
INDE	0	22	22	FOBS=	34.5	SIGMA=	5.8	PHAS=	-180.0	FOM=	0.99	TEST=	0
INDE	0	22	24	FOBS=	159.4	SIGMA=	1.6	PHAS=	0.0	FOM=	0.97	TEST=	0
INDE	0	22	26	FOBS=	118.0	SIGMA=	2.1	PHAS=	-180.0	FOM=	0.91	TEST=	0
INDE	0	22	28	FOBS=	382.5	SIGMA=	0.6	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	22	30	FOBS=	11.5	SIGMA=	11.9	PHAS=	-180.0	FOM=	0.45	TEST=	0
INDE	0	22	32	FOBS=	58.8	SIGMA=	2.2	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	22	34	FOBS=	223.2	SIGMA=	0.7	PHAS=	0.0	FOM=	0.99	TEST=	0
INDE	0	22	36	FOBS=	196.2	SIGMA=	1.0	PHAS=	0.0	FOM=	0.53	TEST=	0
INDE	0	22	38	FOBS=	262.4	SIGMA=	0.8	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	22	40	FOBS=	50.4	SIGMA=	3.2	PHAS=	-180.0	FOM=	0.95	TEST=	1
INDE	0	22	42	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	22	44	FOBS=	141.4	SIGMA=	1.4	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	22	46	FOBS=	110.9	SIGMA=	2.7	PHAS=	-180.0	FOM=	0.46	TEST=	0
INDE	0	22	48	FOBS=	0.0	SIGMA=	25.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	22	50	FOBS=	0.0	SIGMA=	24.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	22	52	FOBS=	67.2	SIGMA=	7.8	PHAS=	-180.0	FOM=	0.70	TEST=	0
INDE	0	22	54	FOBS=	0.0	SIGMA=	24.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	22	56	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	22	58	FOBS=	115.5	SIGMA=	2.2	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	22	60	FOBS=	58.1	SIGMA=	4.2	PHAS=	0.0	FOM=	0.98	TEST=	1
INDE	0	22	62	FOBS=	25.1	SIGMA=	12.4	PHAS=	-180.0	FOM=	0.07	TEST=	1
INDE	0	22	64	FOBS=	25.6	SIGMA=	17.8	PHAS=	-180.0	FOM=	0.03	TEST=	0
INDE	0	22	66	FOBS=	41.3	SIGMA=	11.1	PHAS=	0.0	FOM=	0.19	TEST=	1
INDE	0	22	68	FOBS=	37.0	SIGMA=	12.5	PHAS=	-180.0	FOM=	0.32	TEST=	0
INDE	0	22	70	FOBS=	68.1	SIGMA=	6.9	PHAS=	0.0	FOM=	0.37	TEST=	0
INDE	0	22	72	FOBS=	69.6	SIGMA=	6.7	PHAS=	-180.0	FOM=	0.78	TEST=	0
INDE	0	22	74	FOBS=	0.0	SIGMA=	30.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	23	1	FOBS=	0.0	SIGMA=	11.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	23	5	FOBS=	281.1	SIGMA=	0.5	PHAS=	-90.0	FOM=	0.99	TEST=	0
INDE	0	23	7	FOBS=	143.2	SIGMA=	0.8	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	23	21	FOBS=	149.4	SIGMA=	1.5	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	23	23	FOBS=	235.9	SIGMA=	1.2	PHAS=	90.0	FOM=	0.93	TEST=	0
INDE	0	23	25	FOBS=	49.0	SIGMA=	4.6	PHAS=	-90.0	FOM=	0.29	TEST=	0
INDE	0	23	27	FOBS=	41.1	SIGMA=	4.0	PHAS=	90.0	FOM=	0.89	TEST=	0
INDE	0	23	29	FOBS=	71.8	SIGMA=	2.0	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	23	31	FOBS=	121.4	SIGMA=	1.3	PHAS=	-90.0	FOM=	0.87	TEST=	0
INDE	0	23	33	FOBS=	0.0	SIGMA=	16.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	23	35	FOBS=	168.8	SIGMA=	1.1	PHAS=	-90.0	FOM=	0.89	TEST=	0
INDE	0	23	37	FOBS=	255.4	SIGMA=	0.9	PHAS=	-90.0	FOM=	1.00	TEST=	0

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INDE	0	23	39	FOBS=	174.9	SIGMA=	1.0	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	23	41	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	23	43	FOBS=	303.6	SIGMA=	0.8	PHAS=	90.0	FOM=	0.94	TEST=	1
INDE	0	23	45	FOBS=	75.8	SIGMA=	2.6	PHAS=	-90.0	FOM=	0.91	TEST=	0
INDE	0	23	47	FOBS=	42.9	SIGMA=	6.7	PHAS=	-90.0	FOM=	0.81	TEST=	0
INDE	0	23	49	FOBS=	64.3	SIGMA=	4.4	PHAS=	-90.0	FOM=	0.98	TEST=	0
INDE	0	23	51	FOBS=	241.1	SIGMA=	1.9	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	23	53	FOBS=	31.9	SIGMA=	12.0	PHAS=	90.0	FOM=	0.24	TEST=	0
INDE	0	23	55	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	23	57	FOBS=	38.4	SIGMA=	7.4	PHAS=	-90.0	FOM=	0.61	TEST=	0
INDE	0	23	59	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	23	61	FOBS=	84.7	SIGMA=	3.3	PHAS=	90.0	FOM=	0.75	TEST=	0
INDE	0	23	63	FOBS=	78.9	SIGMA=	4.1	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	23	65	FOBS=	100.9	SIGMA=	4.7	PHAS=	90.0	FOM=	0.20	TEST=	1
INDE	0	23	67	FOBS=	0.0	SIGMA=	30.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	23	69	FOBS=	31.7	SIGMA=	14.6	PHAS=	90.0	FOM=	0.09	TEST=	1
INDE	0	23	71	FOBS=	71.9	SIGMA=	6.6	PHAS=	90.0	FOM=	0.46	TEST=	1
INDE	0	23	73	FOBS=	45.6	SIGMA=	10.5	PHAS=	-90.0	FOM=	0.02	TEST=	0
INDE	0	24	2	FOBS=	43.4	SIGMA=	1.6	PHAS=	0.0	FOM=	0.16	TEST=	0
INDE	0	24	4	FOBS=	46.3	SIGMA=	2.6	PHAS=	-180.0	FOM=	0.27	TEST=	0
INDE	0	24	6	FOBS=	359.8	SIGMA=	0.5	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	24	22	FOBS=	54.9	SIGMA=	3.8	PHAS=	0.0	FOM=	0.57	TEST=	0
INDE	0	24	24	FOBS=	235.1	SIGMA=	1.3	PHAS=	0.0	FOM=	0.50	TEST=	1
INDE	0	24	26	FOBS=	270.0	SIGMA=	1.3	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	24	28	FOBS=	238.1	SIGMA=	0.8	PHAS=	0.0	FOM=	0.94	TEST=	0
INDE	0	24	30	FOBS=	276.1	SIGMA=	0.7	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	24	32	FOBS=	110.2	SIGMA=	1.5	PHAS=	0.0	FOM=	0.51	TEST=	0
INDE	0	24	34	FOBS=	226.4	SIGMA=	0.9	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	24	36	FOBS=	236.8	SIGMA=	0.9	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	24	38	FOBS=	207.6	SIGMA=	0.9	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	24	40	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	24	42	FOBS=	292.2	SIGMA=	0.9	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	24	44	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	24	46	FOBS=	161.1	SIGMA=	1.2	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	24	48	FOBS=	27.0	SIGMA=	10.6	PHAS=	0.0	FOM=	0.48	TEST=	0
INDE	0	24	50	FOBS=	39.7	SIGMA=	9.9	PHAS=	-180.0	FOM=	0.34	TEST=	0
INDE	0	24	52	FOBS=	0.0	SIGMA=	27.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	24	54	FOBS=	0.0	SIGMA=	27.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	24	56	FOBS=	44.6	SIGMA=	5.6	PHAS=	-180.0	FOM=	0.48	TEST=	0
INDE	0	24	58	FOBS=	10.2	SIGMA=	24.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	24	60	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	24	62	FOBS=	0.0	SIGMA=	25.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	24	64	FOBS=	80.6	SIGMA=	4.0	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	24	66	FOBS=	0.0	SIGMA=	30.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	24	68	FOBS=	30.7	SIGMA=	15.3	PHAS=	-180.0	FOM=	0.09	TEST=	0
INDE	0	24	70	FOBS=	16.8	SIGMA=	28.5	PHAS=	0.0	FOM=	0.09	TEST=	1
INDE	0	24	72	FOBS=	6.2	SIGMA=	78.7	PHAS=	-180.0	FOM=	0.18	TEST=	0
INDE	0	25	1	FOBS=	0.0	SIGMA=	11.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	25	5	FOBS=	33.9	SIGMA=	2.5	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	25	7	FOBS=	38.7	SIGMA=	2.4	PHAS=	-90.0	FOM=	0.90	TEST=	0
INDE	0	25	23	FOBS=	9.8	SIGMA=	21.6	PHAS=	-90.0	FOM=	0.02	TEST=	0
INDE	0	25	25	FOBS=	376.4	SIGMA=	1.1	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	25	27	FOBS=	315.3	SIGMA=	1.2	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	25	29	FOBS=	342.3	SIGMA=	0.7	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	25	31	FOBS=	210.8	SIGMA=	1.1	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	25	33	FOBS=	89.9	SIGMA=	1.9	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	25	35	FOBS=	147.1	SIGMA=	1.2	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	25	37	FOBS=	67.8	SIGMA=	2.5	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	25	39	FOBS=	48.3	SIGMA=	3.7	PHAS=	-90.0	FOM=	0.37	TEST=	0
INDE	0	25	41	FOBS=	28.6	SIGMA=	7.0	PHAS=	-90.0	FOM=	0.50	TEST=	0
INDE	0	25	43	FOBS=	54.3	SIGMA=	3.6	PHAS=	-90.0	FOM=	0.80	TEST=	0
INDE	0	25	45	FOBS=	228.4	SIGMA=	1.1	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	25	47	FOBS=	160.9	SIGMA=	1.2	PHAS=	90.0	FOM=	0.98	TEST=	0
INDE	0	25	49	FOBS=	78.8	SIGMA=	3.7	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	25	51	FOBS=	125.7	SIGMA=	3.1	PHAS=	90.0	FOM=	0.87	TEST=	0
INDE	0	25	53	FOBS=	85.8	SIGMA=	3.8	PHAS=	90.0	FOM=	0.03	TEST=	1
INDE	0	25	55	FOBS=	31.6	SIGMA=	8.1	PHAS=	-90.0	FOM=	0.08	TEST=	0
INDE	0	25	57	FOBS=	100.5	SIGMA=	2.5	PHAS=	90.0	FOM=	0.88	TEST=	1
INDE	0	25	59	FOBS=	116.4	SIGMA=	2.2	PHAS=	90.0	FOM=	0.99	TEST=	0
INDE	0	25	61	FOBS=	90.5	SIGMA=	3.7	PHAS=	90.0	FOM=	0.97	TEST=	0

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INDE	0	25	63	FOBS=	17.9	SIGMA=	17.8	PHAS=	-90.0	FOM=	0.27	TEST=	0
INDE	0	25	65	FOBS=	63.0	SIGMA=	7.6	PHAS=	-90.0	FOM=	0.23	TEST=	0
INDE	0	25	67	FOBS=	54.4	SIGMA=	8.6	PHAS=	-90.0	FOM=	0.94	TEST=	0
INDE	0	25	69	FOBS=	28.5	SIGMA=	16.8	PHAS=	90.0	FOM=	0.05	TEST=	0
INDE	0	25	71	FOBS=	67.7	SIGMA=	7.2	PHAS=	90.0	FOM=	0.98	TEST=	0
INDE	0	25	73	FOBS=	81.4	SIGMA=	6.2	PHAS=	90.0	FOM=	0.94	TEST=	0
INDE	0	26	2	FOBS=	69.8	SIGMA=	1.1	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	26	6	FOBS=	73.2	SIGMA=	1.3	PHAS=	0.0	FOM=	0.53	TEST=	0
INDE	0	26	8	FOBS=	0.0	SIGMA=	14.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	26	24	FOBS=	217.0	SIGMA=	1.4	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	26	26	FOBS=	196.2	SIGMA=	1.6	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	26	28	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	26	30	FOBS=	239.7	SIGMA=	0.9	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	26	32	FOBS=	54.5	SIGMA=	3.2	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	26	34	FOBS=	141.8	SIGMA=	1.4	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	26	36	FOBS=	47.3	SIGMA=	4.1	PHAS=	0.0	FOM=	0.61	TEST=	0
INDE	0	26	38	FOBS=	239.7	SIGMA=	1.0	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	26	40	FOBS=	383.6	SIGMA=	0.7	PHAS=	-180.0	FOM=	0.97	TEST=	0
INDE	0	26	42	FOBS=	171.6	SIGMA=	1.2	PHAS=	-180.0	FOM=	0.99	TEST=	0
INDE	0	26	44	FOBS=	93.7	SIGMA=	2.1	PHAS=	-180.0	FOM=	0.71	TEST=	0
INDE	0	26	46	FOBS=	139.9	SIGMA=	1.4	PHAS=	0.0	FOM=	0.98	TEST=	1
INDE	0	26	48	FOBS=	285.3	SIGMA=	0.8	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	26	50	FOBS=	43.1	SIGMA=	7.3	PHAS=	0.0	FOM=	0.19	TEST=	0
INDE	0	26	52	FOBS=	0.0	SIGMA=	27.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	26	54	FOBS=	137.9	SIGMA=	2.4	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	26	56	FOBS=	122.7	SIGMA=	2.0	PHAS=	-180.0	FOM=	0.92	TEST=	0
INDE	0	26	58	FOBS=	34.1	SIGMA=	8.2	PHAS=	0.0	FOM=	0.38	TEST=	0
INDE	0	26	60	FOBS=	72.0	SIGMA=	4.7	PHAS=	0.0	FOM=	0.24	TEST=	0
INDE	0	26	62	FOBS=	32.3	SIGMA=	10.0	PHAS=	0.0	FOM=	0.61	TEST=	0
INDE	0	26	64	FOBS=	0.0	SIGMA=	25.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	26	66	FOBS=	0.0	SIGMA=	30.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	26	68	FOBS=	78.5	SIGMA=	6.2	PHAS=	-180.0	FOM=	0.84	TEST=	0
INDE	0	26	70	FOBS=	0.0	SIGMA=	31.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	26	72	FOBS=	56.9	SIGMA=	8.8	PHAS=	0.0	FOM=	0.82	TEST=	0
INDE	0	27	1	FOBS=	73.8	SIGMA=	1.1	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	27	5	FOBS=	126.8	SIGMA=	0.8	PHAS=	-90.0	FOM=	1.00	TEST=	1
INDE	0	27	7	FOBS=	69.6	SIGMA=	1.4	PHAS=	-90.0	FOM=	0.23	TEST=	0
INDE	0	27	9	FOBS=	104.9	SIGMA=	1.1	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	27	25	FOBS=	84.0	SIGMA=	3.1	PHAS=	-90.0	FOM=	0.06	TEST=	1
INDE	0	27	27	FOBS=	94.3	SIGMA=	3.0	PHAS=	-90.0	FOM=	0.11	TEST=	1
INDE	0	27	29	FOBS=	235.5	SIGMA=	1.6	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	27	31	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	27	33	FOBS=	205.1	SIGMA=	1.1	PHAS=	90.0	FOM=	0.85	TEST=	0
INDE	0	27	35	FOBS=	61.4	SIGMA=	3.2	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	27	37	FOBS=	19.9	SIGMA=	10.5	PHAS=	-90.0	FOM=	0.99	TEST=	0
INDE	0	27	39	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	27	41	FOBS=	23.6	SIGMA=	8.4	PHAS=	90.0	FOM=	0.90	TEST=	0
INDE	0	27	43	FOBS=	317.2	SIGMA=	0.8	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	27	45	FOBS=	39.5	SIGMA=	4.8	PHAS=	-90.0	FOM=	0.70	TEST=	0
INDE	0	27	47	FOBS=	41.6	SIGMA=	4.5	PHAS=	-90.0	FOM=	0.20	TEST=	0
INDE	0	27	49	FOBS=	89.4	SIGMA=	2.1	PHAS=	90.0	FOM=	0.79	TEST=	0
INDE	0	27	51	FOBS=	166.2	SIGMA=	2.5	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	27	53	FOBS=	77.1	SIGMA=	4.2	PHAS=	90.0	FOM=	0.80	TEST=	0
INDE	0	27	55	FOBS=	22.4	SIGMA=	14.1	PHAS=	90.0	FOM=	0.36	TEST=	0
INDE	0	27	57	FOBS=	77.9	SIGMA=	2.7	PHAS=	90.0	FOM=	0.36	TEST=	0
INDE	0	27	59	FOBS=	90.3	SIGMA=	2.9	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	27	61	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	27	63	FOBS=	40.7	SIGMA=	8.1	PHAS=	-90.0	FOM=	0.31	TEST=	0
INDE	0	27	65	FOBS=	0.0	SIGMA=	31.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	27	67	FOBS=	0.0	SIGMA=	31.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	27	69	FOBS=	0.0	SIGMA=	31.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	27	71	FOBS=	0.0	SIGMA=	31.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	28	2	FOBS=	145.7	SIGMA=	0.7	PHAS=	0.0	FOM=	0.99	TEST=	0
INDE	0	28	6	FOBS=	40.8	SIGMA=	2.4	PHAS=	0.0	FOM=	0.40	TEST=	0
INDE	0	28	8	FOBS=	83.7	SIGMA=	1.3	PHAS=	-180.0	FOM=	0.94	TEST=	0
INDE	0	28	26	FOBS=	127.5	SIGMA=	2.3	PHAS=	0.0	FOM=	0.95	TEST=	0
INDE	0	28	28	FOBS=	0.0	SIGMA=	24.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	28	30	FOBS=	73.3	SIGMA=	2.5	PHAS=	-180.0	FOM=	0.61	TEST=	0
INDE	0	28	32	FOBS=	356.5	SIGMA=	0.8	PHAS=	0.0	FOM=	0.99	TEST=	0
INDE	0	28	34	FOBS=	28.7	SIGMA=	6.9	PHAS=	0.0	FOM=	0.34	TEST=	0

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INDE	0	28	36	FOBS=	44.4	SIGMA=	4.8	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	28	38	FOBS=	82.4	SIGMA=	2.8	PHAS=	-180.0	FOM=	0.33	TEST=	0
INDE	0	28	40	FOBS=	202.2	SIGMA=	1.3	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	28	42	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	28	44	FOBS=	16.0	SIGMA=	12.0	PHAS=	-180.0	FOM=	0.23	TEST=	0
INDE	0	28	46	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	28	48	FOBS=	132.6	SIGMA=	1.5	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	28	50	FOBS=	57.3	SIGMA=	3.5	PHAS=	0.0	FOM=	1.00	TEST=	1
INDE	0	28	52	FOBS=	168.7	SIGMA=	2.5	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	28	54	FOBS=	121.3	SIGMA=	2.7	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	28	56	FOBS=	12.6	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	28	58	FOBS=	36.6	SIGMA=	5.8	PHAS=	0.0	FOM=	0.05	TEST=	0
INDE	0	28	60	FOBS=	40.7	SIGMA=	6.8	PHAS=	-180.0	FOM=	0.45	TEST=	0
INDE	0	28	62	FOBS=	43.0	SIGMA=	7.7	PHAS=	-180.0	FOM=	0.51	TEST=	0
INDE	0	28	64	FOBS=	47.1	SIGMA=	7.1	PHAS=	0.0	FOM=	0.12	TEST=	0
INDE	0	28	66	FOBS=	0.0	SIGMA=	31.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	28	68	FOBS=	136.6	SIGMA=	3.9	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	28	70	FOBS=	95.6	SIGMA=	5.4	PHAS=	-180.0	FOM=	0.69	TEST=	1
INDE	0	28	72	FOBS=	41.7	SIGMA=	12.2	PHAS=	0.0	FOM=	0.19	TEST=	0
INDE	0	29	1	FOBS=	127.8	SIGMA=	0.8	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	29	7	FOBS=	68.2	SIGMA=	1.5	PHAS=	-90.0	FOM=	0.85	TEST=	0
INDE	0	29	9	FOBS=	83.1	SIGMA=	1.5	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	29	25	FOBS=	20.4	SIGMA=	18.7	PHAS=	90.0	FOM=	0.03	TEST=	0
INDE	0	29	27	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	29	29	FOBS=	83.5	SIGMA=	2.7	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	29	31	FOBS=	304.9	SIGMA=	0.9	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	29	33	FOBS=	55.7	SIGMA=	3.7	PHAS=	90.0	FOM=	0.04	TEST=	0
INDE	0	29	35	FOBS=	117.4	SIGMA=	1.9	PHAS=	90.0	FOM=	0.07	TEST=	0
INDE	0	29	37	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	29	39	FOBS=	21.0	SIGMA=	11.2	PHAS=	-90.0	FOM=	0.11	TEST=	0
INDE	0	29	41	FOBS=	32.0	SIGMA=	7.2	PHAS=	-90.0	FOM=	0.24	TEST=	0
INDE	0	29	43	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	29	45	FOBS=	158.7	SIGMA=	1.3	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	29	47	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	29	49	FOBS=	166.2	SIGMA=	1.2	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	29	51	FOBS=	70.7	SIGMA=	2.8	PHAS=	90.0	FOM=	0.66	TEST=	0
INDE	0	29	53	FOBS=	104.1	SIGMA=	3.1	PHAS=	-90.0	FOM=	0.95	TEST=	0
INDE	0	29	55	FOBS=	76.8	SIGMA=	4.2	PHAS=	-90.0	FOM=	0.98	TEST=	0
INDE	0	29	57	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	29	59	FOBS=	92.3	SIGMA=	2.8	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	29	61	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	29	63	FOBS=	10.5	SIGMA=	31.3	PHAS=	-90.0	FOM=	0.04	TEST=	0
INDE	0	29	65	FOBS=	41.0	SIGMA=	12.4	PHAS=	-90.0	FOM=	0.21	TEST=	0
INDE	0	29	67	FOBS=	125.3	SIGMA=	4.2	PHAS=	90.0	FOM=	0.94	TEST=	0
INDE	0	29	69	FOBS=	91.8	SIGMA=	5.7	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	29	71	FOBS=	74.5	SIGMA=	7.0	PHAS=	-90.0	FOM=	0.17	TEST=	0
INDE	0	30	0	FOBS=	187.5	SIGMA=	0.6	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	30	2	FOBS=	180.0	SIGMA=	0.6	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	30	6	FOBS=	81.2	SIGMA=	1.3	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	30	8	FOBS=	109.6	SIGMA=	1.1	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	30	10	FOBS=	63.9	SIGMA=	2.0	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	30	26	FOBS=	115.3	SIGMA=	2.6	PHAS=	-180.0	FOM=	0.83	TEST=	0
INDE	0	30	28	FOBS=	252.5	SIGMA=	1.6	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	30	30	FOBS=	231.0	SIGMA=	1.9	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	30	32	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	30	34	FOBS=	302.4	SIGMA=	0.9	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	30	36	FOBS=	61.7	SIGMA=	3.8	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	30	38	FOBS=	124.9	SIGMA=	2.0	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	30	40	FOBS=	167.7	SIGMA=	1.5	PHAS=	-180.0	FOM=	0.95	TEST=	0
INDE	0	30	42	FOBS=	64.3	SIGMA=	3.6	PHAS=	-180.0	FOM=	0.99	TEST=	0
INDE	0	30	44	FOBS=	257.0	SIGMA=	1.0	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	30	46	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	30	48	FOBS=	5.2	SIGMA=	35.6	PHAS=	-180.0	FOM=	0.06	TEST=	0
INDE	0	30	50	FOBS=	25.0	SIGMA=	8.2	PHAS=	0.0	FOM=	0.05	TEST=	0
INDE	0	30	52	FOBS=	9.2	SIGMA=	23.2	PHAS=	0.0	FOM=	0.06	TEST=	0
INDE	0	30	54	FOBS=	109.0	SIGMA=	3.0	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	30	56	FOBS=	26.9	SIGMA=	14.2	PHAS=	0.0	FOM=	0.24	TEST=	0
INDE	0	30	58	FOBS=	0.0	SIGMA=	27.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	30	60	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	30	62	FOBS=	20.8	SIGMA=	14.0	PHAS=	0.0	FOM=	0.20	TEST=	0

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INDE	0	30	64	FOBS=	0.0	SIGMA=	25.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	30	66	FOBS=	0.0	SIGMA=	31.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	30	68	FOBS=	32.3	SIGMA=	16.1	PHAS=	-180.0	FOM=	0.24	TEST=	1
INDE	0	30	70	FOBS=	51.7	SIGMA=	9.8	PHAS=	0.0	FOM=	0.90	TEST=	0
INDE	0	31	1	FOBS=	90.7	SIGMA=	1.1	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	31	7	FOBS=	0.0	SIGMA=	14.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	31	9	FOBS=	121.6	SIGMA=	1.1	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	31	11	FOBS=	107.4	SIGMA=	1.3	PHAS=	90.0	FOM=	0.74	TEST=	0
INDE	0	31	27	FOBS=	103.0	SIGMA=	3.2	PHAS=	90.0	FOM=	0.77	TEST=	0
INDE	0	31	29	FOBS=	0.0	SIGMA=	25.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	31	31	FOBS=	38.1	SIGMA=	6.0	PHAS=	-90.0	FOM=	0.96	TEST=	0
INDE	0	31	33	FOBS=	380.6	SIGMA=	0.8	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	31	35	FOBS=	7.6	SIGMA=	30.9	PHAS=	90.0	FOM=	0.08	TEST=	1
INDE	0	31	37	FOBS=	175.4	SIGMA=	1.5	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	31	39	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	31	41	FOBS=	104.9	SIGMA=	2.3	PHAS=	90.0	FOM=	0.09	TEST=	0
INDE	0	31	43	FOBS=	77.1	SIGMA=	3.0	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	31	45	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	31	47	FOBS=	146.5	SIGMA=	1.7	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	31	49	FOBS=	21.5	SIGMA=	8.6	PHAS=	-90.0	FOM=	0.19	TEST=	0
INDE	0	31	51	FOBS=	43.2	SIGMA=	4.5	PHAS=	90.0	FOM=	0.99	TEST=	0
INDE	0	31	53	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	31	55	FOBS=	58.4	SIGMA=	5.3	PHAS=	90.0	FOM=	0.87	TEST=	0
INDE	0	31	57	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	31	59	FOBS=	61.7	SIGMA=	4.1	PHAS=	-90.0	FOM=	0.43	TEST=	0
INDE	0	31	61	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	31	63	FOBS=	45.9	SIGMA=	5.4	PHAS=	-90.0	FOM=	0.13	TEST=	0
INDE	0	31	65	FOBS=	18.9	SIGMA=	27.4	PHAS=	-90.0	FOM=	0.16	TEST=	0
INDE	0	31	67	FOBS=	89.5	SIGMA=	5.9	PHAS=	90.0	FOM=	0.97	TEST=	0
INDE	0	31	69	FOBS=	0.0	SIGMA=	32.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	31	71	FOBS=	28.1	SIGMA=	18.7	PHAS=	-90.0	FOM=	0.20	TEST=	0
INDE	0	32	0	FOBS=	260.6	SIGMA=	0.5	PHAS=	-180.0	FOM=	0.97	TEST=	0
INDE	0	32	2	FOBS=	42.6	SIGMA=	2.3	PHAS=	-180.0	FOM=	0.94	TEST=	0
INDE	0	32	6	FOBS=	31.1	SIGMA=	3.5	PHAS=	-180.0	FOM=	0.92	TEST=	0
INDE	0	32	8	FOBS=	155.1	SIGMA=	0.9	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	32	10	FOBS=	78.2	SIGMA=	1.7	PHAS=	-180.0	FOM=	0.91	TEST=	0
INDE	0	32	28	FOBS=	125.8	SIGMA=	2.8	PHAS=	0.0	FOM=	0.80	TEST=	0
INDE	0	32	30	FOBS=	79.7	SIGMA=	3.2	PHAS=	-180.0	FOM=	0.91	TEST=	1
INDE	0	32	32	FOBS=	289.2	SIGMA=	1.0	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	32	34	FOBS=	23.2	SIGMA=	10.4	PHAS=	-180.0	FOM=	0.48	TEST=	0
INDE	0	32	36	FOBS=	118.5	SIGMA=	2.2	PHAS=	-180.0	FOM=	0.99	TEST=	0
INDE	0	32	38	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	32	40	FOBS=	270.7	SIGMA=	1.3	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	32	42	FOBS=	150.9	SIGMA=	1.6	PHAS=	-180.0	FOM=	0.08	TEST=	1
INDE	0	32	44	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	32	46	FOBS=	46.1	SIGMA=	4.8	PHAS=	0.0	FOM=	0.96	TEST=	0
INDE	0	32	48	FOBS=	41.2	SIGMA=	5.2	PHAS=	-180.0	FOM=	0.47	TEST=	0
INDE	0	32	50	FOBS=	35.2	SIGMA=	6.4	PHAS=	0.0	FOM=	0.45	TEST=	0
INDE	0	32	52	FOBS=	22.0	SIGMA=	9.5	PHAS=	0.0	FOM=	0.11	TEST=	0
INDE	0	32	54	FOBS=	84.7	SIGMA=	3.0	PHAS=	0.0	FOM=	0.97	TEST=	0
INDE	0	32	56	FOBS=	87.1	SIGMA=	3.5	PHAS=	0.0	FOM=	0.69	TEST=	0
INDE	0	32	58	FOBS=	28.8	SIGMA=	8.7	PHAS=	-180.0	FOM=	0.52	TEST=	0
INDE	0	32	60	FOBS=	19.0	SIGMA=	13.2	PHAS=	0.0	FOM=	0.44	TEST=	0
INDE	0	32	62	FOBS=	73.3	SIGMA=	0.5	PHAS=	0.0	FOM=	0.81	TEST=	0
INDE	0	32	64	FOBS=	58.3	SIGMA=	4.3	PHAS=	0.0	FOM=	0.10	TEST=	0
INDE	0	32	66	FOBS=	0.0	SIGMA=	32.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	32	68	FOBS=	0.0	SIGMA=	32.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	32	70	FOBS=	0.0	SIGMA=	32.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	33	1	FOBS=	30.2	SIGMA=	3.2	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	33	7	FOBS=	67.1	SIGMA=	1.8	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	33	9	FOBS=	55.5	SIGMA=	2.3	PHAS=	-90.0	FOM=	0.46	TEST=	0
INDE	0	33	11	FOBS=	13.0	SIGMA=	10.5	PHAS=	-90.0	FOM=	0.46	TEST=	0
INDE	0	33	29	FOBS=	111.8	SIGMA=	3.4	PHAS=	-90.0	FOM=	0.06	TEST=	0
INDE	0	33	31	FOBS=	223.8	SIGMA=	1.2	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	33	33	FOBS=	88.9	SIGMA=	2.8	PHAS=	90.0	FOM=	1.00	TEST=	1
INDE	0	33	35	FOBS=	78.4	SIGMA=	3.3	PHAS=	90.0	FOM=	0.29	TEST=	0
INDE	0	33	37	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	33	39	FOBS=	76.9	SIGMA=	3.2	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	33	41	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	33	43	FOBS=	142.9	SIGMA=	1.7	PHAS=	-90.0	FOM=	1.00	TEST=	0

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INDE	0	33	45	FOBS=	192.6	SIGMA=	1.3	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	33	47	FOBS=	263.1	SIGMA=	1.0	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	33	49	FOBS=	160.5	SIGMA=	1.4	PHAS=	-90.0	FOM=	0.84	TEST=	1
INDE	0	33	51	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	33	53	FOBS=	67.0	SIGMA=	2.9	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	33	55	FOBS=	74.6	SIGMA=	3.4	PHAS=	-90.0	FOM=	0.97	TEST=	0
INDE	0	33	57	FOBS=	0.0	SIGMA=	26.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	33	59	FOBS=	65.5	SIGMA=	3.9	PHAS=	-90.0	FOM=	0.33	TEST=	0
INDE	0	33	61	FOBS=	42.0	SIGMA=	6.0	PHAS=	-90.0	FOM=	0.19	TEST=	0
INDE	0	33	63	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	33	65	FOBS=	24.2	SIGMA=	10.5	PHAS=	90.0	FOM=	0.42	TEST=	0
INDE	0	33	67	FOBS=	82.4	SIGMA=	6.7	PHAS=	-90.0	FOM=	0.92	TEST=	0
INDE	0	33	69	FOBS=	0.0	SIGMA=	32.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	34	0	FOBS=	30.5	SIGMA=	3.4	PHAS=	0.0	FOM=	0.33	TEST=	0
INDE	0	34	2	FOBS=	194.9	SIGMA=	0.7	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	34	8	FOBS=	47.3	SIGMA=	2.7	PHAS=	0.0	FOM=	0.98	TEST=	0
INDE	0	34	10	FOBS=	81.1	SIGMA=	1.7	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	34	12	FOBS=	94.0	SIGMA=	1.6	PHAS=	0.0	FOM=	0.11	TEST=	0
INDE	0	34	30	FOBS=	211.1	SIGMA=	1.5	PHAS=	0.0	FOM=	0.27	TEST=	0
INDE	0	34	32	FOBS=	73.0	SIGMA=	3.4	PHAS=	0.0	FOM=	0.63	TEST=	0
INDE	0	34	34	FOBS=	0.0	SIGMA=	27.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	34	36	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	34	38	FOBS=	186.9	SIGMA=	1.5	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	34	40	FOBS=	87.3	SIGMA=	2.8	PHAS=	-180.0	FOM=	0.08	TEST=	0
INDE	0	34	42	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	34	44	FOBS=	141.1	SIGMA=	1.7	PHAS=	-180.0	FOM=	0.95	TEST=	0
INDE	0	34	46	FOBS=	173.7	SIGMA=	1.4	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	34	48	FOBS=	55.2	SIGMA=	4.0	PHAS=	0.0	FOM=	0.32	TEST=	0
INDE	0	34	50	FOBS=	13.0	SIGMA=	19.7	PHAS=	-180.0	FOM=	0.20	TEST=	0
INDE	0	34	52	FOBS=	85.6	SIGMA=	2.7	PHAS=	-180.0	FOM=	0.51	TEST=	0
INDE	0	34	54	FOBS=	0.0	SIGMA=	25.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	34	56	FOBS=	0.0	SIGMA=	25.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	34	58	FOBS=	47.9	SIGMA=	5.3	PHAS=	-180.0	FOM=	0.76	TEST=	0
INDE	0	34	60	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	34	62	FOBS=	27.8	SIGMA=	9.2	PHAS=	0.0	FOM=	0.40	TEST=	0
INDE	0	34	64	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	34	66	FOBS=	30.4	SIGMA=	12.4	PHAS=	-180.0	FOM=	0.03	TEST=	0
INDE	0	34	68	FOBS=	0.0	SIGMA=	32.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	35	1	FOBS=	47.9	SIGMA=	2.2	PHAS=	-90.0	FOM=	0.08	TEST=	0
INDE	0	35	7	FOBS=	154.1	SIGMA=	0.9	PHAS=	-90.0	FOM=	1.00	TEST=	1
INDE	0	35	9	FOBS=	134.2	SIGMA=	1.1	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	35	11	FOBS=	189.9	SIGMA=	0.9	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	35	13	FOBS=	145.7	SIGMA=	1.2	PHAS=	90.0	FOM=	0.49	TEST=	0
INDE	0	35	29	FOBS=	87.4	SIGMA=	6.4	PHAS=	90.0	FOM=	0.14	TEST=	0
INDE	0	35	31	FOBS=	121.0	SIGMA=	2.5	PHAS=	-90.0	FOM=	0.99	TEST=	0
INDE	0	35	33	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	35	35	FOBS=	190.7	SIGMA=	1.5	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	35	37	FOBS=	205.0	SIGMA=	1.4	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	35	39	FOBS=	179.0	SIGMA=	1.5	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	35	41	FOBS=	56.3	SIGMA=	4.3	PHAS=	-90.0	FOM=	0.36	TEST=	0
INDE	0	35	43	FOBS=	150.1	SIGMA=	1.7	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	35	45	FOBS=	21.1	SIGMA=	11.9	PHAS=	-90.0	FOM=	0.24	TEST=	0
INDE	0	35	47	FOBS=	142.0	SIGMA=	1.7	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	35	49	FOBS=	0.0	SIGMA=	2.1	PHAS=	90.0	FOM=	0.99	TEST=	0
INDE	0	35	51	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	35	53	FOBS=	32.8	SIGMA=	9.5	PHAS=	-90.0	FOM=	0.09	TEST=	0
INDE	0	35	55	FOBS=	43.1	SIGMA=	7.3	PHAS=	90.0	FOM=	0.71	TEST=	0
INDE	0	35	57	FOBS=	15.9	SIGMA=	17.5	PHAS=	90.0	FOM=	0.01	TEST=	0
INDE	0	35	59	FOBS=	11.6	SIGMA=	21.7	PHAS=	90.0	FOM=	0.11	TEST=	0
INDE	0	35	61	FOBS=	98.9	SIGMA=	2.6	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	35	63	FOBS=	83.0	SIGMA=	3.2	PHAS=	-90.0	FOM=	0.17	TEST=	0
INDE	0	35	65	FOBS=	6.3	SIGMA=	40.8	PHAS=	90.0	FOM=	0.10	TEST=	0
INDE	0	35	67	FOBS=	81.6	SIGMA=	3.9	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	35	69	FOBS=	0.0	SIGMA=	33.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	36	0	FOBS=	133.3	SIGMA=	0.9	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	36	2	FOBS=	149.7	SIGMA=	0.9	PHAS=	-180.0	FOM=	0.99	TEST=	0
INDE	0	36	8	FOBS=	111.2	SIGMA=	1.3	PHAS=	-180.0	FOM=	0.99	TEST=	0
INDE	0	36	10	FOBS=	236.4	SIGMA=	0.8	PHAS=	-180.0	FOM=	0.97	TEST=	0
INDE	0	36	12	FOBS=	96.0	SIGMA=	1.8	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	36	30	FOBS=	0.0	SIGMA=	34.1	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	0	36	32	FOBS=	201.7	SIGMA=	1.4	PHAS=	-180.0	FOM=	0.13	TEST=	1
INDE	0	36	34	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	36	36	FOBS=	101.4	SIGMA=	2.7	PHAS=	0.0	FOM=	0.02	TEST=	1
INDE	0	36	38	FOBS=	54.1	SIGMA=	4.6	PHAS=	-180.0	FOM=	0.31	TEST=	0
INDE	0	36	40	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	36	42	FOBS=	303.5	SIGMA=	1.0	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	36	44	FOBS=	140.3	SIGMA=	1.7	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	36	46	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	36	48	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	36	50	FOBS=	13.0	SIGMA=	18.0	PHAS=	0.0	FOM=	0.56	TEST=	0
INDE	0	36	52	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	36	54	FOBS=	22.9	SIGMA=	13.7	PHAS=	-180.0	FOM=	0.44	TEST=	0
INDE	0	36	56	FOBS=	56.4	SIGMA=	5.7	PHAS=	-180.0	FOM=	0.51	TEST=	0
INDE	0	36	58	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	36	60	FOBS=	25.7	SIGMA=	11.2	PHAS=	-180.0	FOM=	0.10	TEST=	0
INDE	0	36	62	FOBS=	91.1	SIGMA=	2.9	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	36	64	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	36	66	FOBS=	0.0	SIGMA=	27.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	36	68	FOBS=	69.8	SIGMA=	8.2	PHAS=	-180.0	FOM=	0.24	TEST=	0
INDE	0	37	1	FOBS=	137.0	SIGMA=	0.9	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	37	9	FOBS=	46.2	SIGMA=	3.2	PHAS=	-90.0	FOM=	0.53	TEST=	0
INDE	0	37	11	FOBS=	108.7	SIGMA=	1.5	PHAS=	-90.0	FOM=	1.00	TEST=	1
INDE	0	37	13	FOBS=	94.1	SIGMA=	1.9	PHAS=	90.0	FOM=	0.43	TEST=	1
INDE	0	37	31	FOBS=	42.5	SIGMA=	7.5	PHAS=	-90.0	FOM=	0.32	TEST=	0
INDE	0	37	33	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	37	35	FOBS=	370.2	SIGMA=	1.0	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	37	37	FOBS=	76.6	SIGMA=	3.4	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	37	39	FOBS=	267.4	SIGMA=	1.1	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	37	41	FOBS=	150.0	SIGMA=	1.7	PHAS=	-90.0	FOM=	0.03	TEST=	1
INDE	0	37	43	FOBS=	146.3	SIGMA=	1.7	PHAS=	90.0	FOM=	0.99	TEST=	0
INDE	0	37	45	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	37	47	FOBS=	59.1	SIGMA=	3.8	PHAS=	90.0	FOM=	0.28	TEST=	0
INDE	0	37	49	FOBS=	87.6	SIGMA=	2.6	PHAS=	-90.0	FOM=	0.99	TEST=	0
INDE	0	37	51	FOBS=	0.0	SIGMA=	27.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	37	53	FOBS=	0.0	SIGMA=	24.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	37	55	FOBS=	52.9	SIGMA=	5.9	PHAS=	90.0	FOM=	0.89	TEST=	0
INDE	0	37	57	FOBS=	0.0	SIGMA=	27.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	37	59	FOBS=	12.9	SIGMA=	18.7	PHAS=	-90.0	FOM=	0.12	TEST=	0
INDE	0	37	61	FOBS=	43.5	SIGMA=	5.9	PHAS=	90.0	FOM=	0.25	TEST=	0
INDE	0	37	63	FOBS=	66.4	SIGMA=	3.9	PHAS=	90.0	FOM=	0.07	TEST=	0
INDE	0	37	65	FOBS=	0.0	SIGMA=	22.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	37	67	FOBS=	38.8	SIGMA=	10.1	PHAS=	-90.0	FOM=	0.30	TEST=	0
INDE	0	38	0	FOBS=	228.0	SIGMA=	0.7	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	38	2	FOBS=	396.9	SIGMA=	0.5	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	38	8	FOBS=	201.2	SIGMA=	0.9	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	38	10	FOBS=	512.9	SIGMA=	0.6	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	38	12	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	38	14	FOBS=	148.5	SIGMA=	1.4	PHAS=	-180.0	FOM=	0.86	TEST=	0
INDE	0	38	32	FOBS=	110.6	SIGMA=	2.5	PHAS=	-180.0	FOM=	0.99	TEST=	0
INDE	0	38	34	FOBS=	95.2	SIGMA=	2.9	PHAS=	-180.0	FOM=	0.94	TEST=	0
INDE	0	38	36	FOBS=	255.3	SIGMA=	1.5	PHAS=	-180.0	FOM=	0.99	TEST=	0
INDE	0	38	38	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	38	40	FOBS=	103.3	SIGMA=	2.5	PHAS=	0.0	FOM=	0.74	TEST=	0
INDE	0	38	42	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	38	44	FOBS=	93.3	SIGMA=	2.6	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	38	46	FOBS=	132.5	SIGMA=	1.8	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	38	48	FOBS=	195.0	SIGMA=	1.3	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	38	50	FOBS=	101.8	SIGMA=	2.2	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	38	52	FOBS=	70.4	SIGMA=	4.4	PHAS=	-180.0	FOM=	0.80	TEST=	0
INDE	0	38	54	FOBS=	8.8	SIGMA=	35.0	PHAS=	0.0	FOM=	0.09	TEST=	0
INDE	0	38	56	FOBS=	20.3	SIGMA=	15.7	PHAS=	0.0	FOM=	0.20	TEST=	0
INDE	0	38	58	FOBS=	89.6	SIGMA=	2.5	PHAS=	-180.0	FOM=	0.40	TEST=	0
INDE	0	38	60	FOBS=	27.4	SIGMA=	9.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	38	62	FOBS=	0.0	SIGMA=	24.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	38	64	FOBS=	108.2	SIGMA=	2.5	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	38	66	FOBS=	49.7	SIGMA=	8.1	PHAS=	0.0	FOM=	0.86	TEST=	0
INDE	0	39	1	FOBS=	533.5	SIGMA=	0.4	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	39	9	FOBS=	151.7	SIGMA=	1.2	PHAS=	90.0	FOM=	0.24	TEST=	0
INDE	0	39	11	FOBS=	60.8	SIGMA=	2.8	PHAS=	90.0	FOM=	0.35	TEST=	0
INDE	0	39	13	FOBS=	182.4	SIGMA=	1.2	PHAS=	90.0	FOM=	1.00	TEST=	0

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INDE	0	39	15	FOBS=	58.2	SIGMA=	3.4	PHAS=	-90.0	FOM=	0.99	TEST=	1
INDE	0	39	31	FOBS=	180.0	SIGMA=	2.8	PHAS=	90.0	FOM=	0.94	TEST=	0
INDE	0	39	33	FOBS=	243.7	SIGMA=	1.3	PHAS=	90.0	FOM=	0.27	TEST=	1
INDE	0	39	35	FOBS=	94.8	SIGMA=	2.9	PHAS=	90.0	FOM=	0.65	TEST=	0
INDE	0	39	37	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	39	39	FOBS=	122.2	SIGMA=	2.1	PHAS=	-90.0	FOM=	0.20	TEST=	0
INDE	0	39	41	FOBS=	83.8	SIGMA=	3.0	PHAS=	90.0	FOM=	0.85	TEST=	0
INDE	0	39	43	FOBS=	87.5	SIGMA=	2.7	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	39	45	FOBS=	146.1	SIGMA=	1.7	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	39	47	FOBS=	66.3	SIGMA=	3.5	PHAS=	90.0	FOM=	0.86	TEST=	0
INDE	0	39	49	FOBS=	119.8	SIGMA=	1.9	PHAS=	90.0	FOM=	0.97	TEST=	0
INDE	0	39	51	FOBS=	108.0	SIGMA=	2.1	PHAS=	90.0	FOM=	0.99	TEST=	0
INDE	0	39	53	FOBS=	0.0	SIGMA=	24.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	39	55	FOBS=	0.0	SIGMA=	24.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	39	57	FOBS=	96.9	SIGMA=	2.9	PHAS=	90.0	FOM=	0.96	TEST=	0
INDE	0	39	59	FOBS=	48.6	SIGMA=	5.4	PHAS=	-90.0	FOM=	0.01	TEST=	0
INDE	0	39	61	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	39	63	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	39	65	FOBS=	126.3	SIGMA=	2.2	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	39	67	FOBS=	0.0	SIGMA=	34.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	40	0	FOBS=	450.9	SIGMA=	0.5	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	40	2	FOBS=	125.9	SIGMA=	1.2	PHAS=	0.0	FOM=	0.81	TEST=	0
INDE	0	40	10	FOBS=	227.9	SIGMA=	0.9	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	40	12	FOBS=	185.2	SIGMA=	1.1	PHAS=	0.0	FOM=	1.00	TEST=	1
INDE	0	40	14	FOBS=	134.1	SIGMA=	1.7	PHAS=	-180.0	FOM=	0.19	TEST=	0
INDE	0	40	16	FOBS=	11.8	SIGMA=	17.4	PHAS=	-180.0	FOM=	0.03	TEST=	0
INDE	0	40	32	FOBS=	286.5	SIGMA=	1.2	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	40	34	FOBS=	145.6	SIGMA=	1.9	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	40	36	FOBS=	62.3	SIGMA=	4.2	PHAS=	-180.0	FOM=	0.53	TEST=	0
INDE	0	40	38	FOBS=	62.9	SIGMA=	4.1	PHAS=	0.0	FOM=	0.50	TEST=	0
INDE	0	40	40	FOBS=	177.2	SIGMA=	1.6	PHAS=	0.0	FOM=	0.97	TEST=	0
INDE	0	40	42	FOBS=	57.9	SIGMA=	4.3	PHAS=	0.0	FOM=	0.06	TEST=	0
INDE	0	40	44	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	40	46	FOBS=	67.7	SIGMA=	3.5	PHAS=	-180.0	FOM=	0.88	TEST=	0
INDE	0	40	48	FOBS=	58.3	SIGMA=	3.9	PHAS=	-180.0	FOM=	0.54	TEST=	0
INDE	0	40	50	FOBS=	33.5	SIGMA=	6.5	PHAS=	0.0	FOM=	0.31	TEST=	0
INDE	0	40	52	FOBS=	0.0	SIGMA=	24.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	40	54	FOBS=	0.0	SIGMA=	27.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	40	56	FOBS=	60.1	SIGMA=	5.2	PHAS=	0.0	FOM=	0.69	TEST=	0
INDE	0	40	58	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	40	60	FOBS=	41.3	SIGMA=	6.4	PHAS=	0.0	FOM=	0.38	TEST=	0
INDE	0	40	62	FOBS=	86.8	SIGMA=	2.6	PHAS=	0.0	FOM=	0.89	TEST=	0
INDE	0	40	64	FOBS=	27.9	SIGMA=	9.7	PHAS=	0.0	FOM=	0.63	TEST=	0
INDE	0	40	66	FOBS=	76.1	SIGMA=	7.7	PHAS=	0.0	FOM=	0.36	TEST=	0
INDE	0	41	1	FOBS=	58.5	SIGMA=	1.7	PHAS=	90.0	FOM=	0.33	TEST=	0
INDE	0	41	9	FOBS=	54.6	SIGMA=	3.2	PHAS=	-90.0	FOM=	1.00	TEST=	1
INDE	0	41	11	FOBS=	82.4	SIGMA=	2.3	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	41	13	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	41	15	FOBS=	66.3	SIGMA=	3.4	PHAS=	90.0	FOM=	0.61	TEST=	0
INDE	0	41	31	FOBS=	60.0	SIGMA=	7.8	PHAS=	90.0	FOM=	0.34	TEST=	0
INDE	0	41	33	FOBS=	90.3	SIGMA=	3.0	PHAS=	90.0	FOM=	0.77	TEST=	0
INDE	0	41	35	FOBS=	188.7	SIGMA=	1.5	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	41	37	FOBS=	24.9	SIGMA=	10.2	PHAS=	90.0	FOM=	0.38	TEST=	0
INDE	0	41	39	FOBS=	168.6	SIGMA=	1.6	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	41	41	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	41	43	FOBS=	61.2	SIGMA=	4.0	PHAS=	-90.0	FOM=	0.27	TEST=	0
INDE	0	41	45	FOBS=	146.7	SIGMA=	1.7	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	41	47	FOBS=	114.1	SIGMA=	2.1	PHAS=	90.0	FOM=	0.03	TEST=	1
INDE	0	41	49	FOBS=	21.3	SIGMA=	14.7	PHAS=	90.0	FOM=	0.01	TEST=	0
INDE	0	41	51	FOBS=	50.1	SIGMA=	7.8	PHAS=	-90.0	FOM=	0.01	TEST=	0
INDE	0	41	53	FOBS=	0.0	SIGMA=	24.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	41	55	FOBS=	53.9	SIGMA=	5.9	PHAS=	90.0	FOM=	0.92	TEST=	0
INDE	0	41	57	FOBS=	24.7	SIGMA=	12.8	PHAS=	90.0	FOM=	0.48	TEST=	0
INDE	0	41	59	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	41	61	FOBS=	45.3	SIGMA=	5.9	PHAS=	-90.0	FOM=	0.25	TEST=	0
INDE	0	41	63	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	41	65	FOBS=	55.9	SIGMA=	7.1	PHAS=	90.0	FOM=	0.94	TEST=	0
INDE	0	42	0	FOBS=	198.0	SIGMA=	0.9	PHAS=	-180.0	FOM=	0.57	TEST=	0
INDE	0	42	2	FOBS=	116.7	SIGMA=	1.4	PHAS=	0.0	FOM=	0.44	TEST=	0
INDE	0	42	10	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE 0 42 12 FOBS= 45.2 SIGMA= 4.4 PHAS= 0.0 FOM= 0.30 TEST= 0
INDE 0 42 14 FOBS= 56.5 SIGMA= 3.9 PHAS= -180.0 FOM= 0.61 TEST= 0
INDE 0 42 16 FOBS= 95.1 SIGMA= 2.6 PHAS= -180.0 FOM= 1.00 TEST= 0
INDE 0 42 32 FOBS= 95.9 SIGMA= 3.6 PHAS= -180.0 FOM= 0.51 TEST= 0
INDE 0 42 34 FOBS= 326.7 SIGMA= 1.0 PHAS= 0.0 FOM= 1.00 TEST= 0
INDE 0 42 36 FOBS= 63.0 SIGMA= 4.1 PHAS= 0.0 FOM= 0.97 TEST= 0
INDE 0 42 38 FOBS= 112.1 SIGMA= 2.4 PHAS= 0.0 FOM= 0.76 TEST= 0
INDE 0 42 40 FOBS= 29.9 SIGMA= 9.4 PHAS= -180.0 FOM= 0.09 TEST= 0
INDE 0 42 42 FOBS= 62.3 SIGMA= 4.0 PHAS= -180.0 FOM= 1.00 TEST= 0
INDE 0 42 44 FOBS= 64.8 SIGMA= 3.8 PHAS= 0.0 FOM= 0.17 TEST= 0
INDE 0 42 46 FOBS= 224.4 SIGMA= 1.2 PHAS= -180.0 FOM= 1.00 TEST= 0
INDE 0 42 48 FOBS= 47.8 SIGMA= 4.8 PHAS= -180.0 FOM= 0.58 TEST= 0
INDE 0 42 50 FOBS= 28.5 SIGMA= 7.9 PHAS= 0.0 FOM= 0.59 TEST= 0
INDE 0 42 52 FOBS= 101.0 SIGMA= 3.2 PHAS= -180.0 FOM= 0.26 TEST= 1
INDE 0 42 54 FOBS= 100.1 SIGMA= 3.2 PHAS= 0.0 FOM= 0.94 TEST= 0
INDE 0 42 56 FOBS= 0.0 SIGMA= 25.0 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 42 58 FOBS= 0.0 SIGMA= 20.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 42 60 FOBS= 63.8 SIGMA= 3.6 PHAS= 0.0 FOM= 0.95 TEST= 0
INDE 0 42 62 FOBS= 58.0 SIGMA= 4.6 PHAS= 0.0 FOM= 0.97 TEST= 0
INDE 0 42 64 FOBS= 104.9 SIGMA= 2.9 PHAS= 0.0 FOM= 1.00 TEST= 0
INDE 0 43 1 FOBS= 212.7 SIGMA= 0.7 PHAS= -90.0 FOM= 0.40 TEST= 1
INDE 0 43 11 FOBS= 142.0 SIGMA= 1.5 PHAS= -90.0 FOM= 0.96 TEST= 1
INDE 0 43 13 FOBS= 65.1 SIGMA= 3.3 PHAS= -90.0 FOM= 0.90 TEST= 0
INDE 0 43 15 FOBS= 212.8 SIGMA= 1.3 PHAS= 90.0 FOM= 1.00 TEST= 0
INDE 0 43 17 FOBS= 65.5 SIGMA= 3.9 PHAS= 90.0 FOM= 0.91 TEST= 0
INDE 0 43 31 FOBS= 0.0 SIGMA= 30.3 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 43 33 FOBS= 151.2 SIGMA= 2.4 PHAS= -90.0 FOM= 1.00 TEST= 0
INDE 0 43 35 FOBS= 43.2 SIGMA= 7.3 PHAS= 90.0 FOM= 0.35 TEST= 1
INDE 0 43 37 FOBS= 178.2 SIGMA= 1.6 PHAS= 90.0 FOM= 1.00 TEST= 0
INDE 0 43 39 FOBS= 142.0 SIGMA= 1.9 PHAS= -90.0 FOM= 0.99 TEST= 0
INDE 0 43 41 FOBS= 99.1 SIGMA= 2.6 PHAS= -90.0 FOM= 0.92 TEST= 0
INDE 0 43 43 FOBS= 0.0 SIGMA= 22.1 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 43 45 FOBS= 132.7 SIGMA= 1.9 PHAS= 90.0 FOM= 1.00 TEST= 0
INDE 0 43 47 FOBS= 0.0 SIGMA= 22.6 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 43 49 FOBS= 15.6 SIGMA= 17.6 PHAS= 90.0 FOM= 0.07 TEST= 0
INDE 0 43 51 FOBS= 66.0 SIGMA= 4.8 PHAS= 90.0 FOM= 0.46 TEST= 0
INDE 0 43 53 FOBS= 12.4 SIGMA= 25.2 PHAS= -90.0 FOM= 0.22 TEST= 0
INDE 0 43 55 FOBS= 0.0 SIGMA= 25.1 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 43 57 FOBS= 0.0 SIGMA= 23.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 43 59 FOBS= 131.4 SIGMA= 1.8 PHAS= -90.0 FOM= 1.00 TEST= 0
INDE 0 43 61 FOBS= 77.4 SIGMA= 3.0 PHAS= -90.0 FOM= 0.97 TEST= 0
INDE 0 43 63 FOBS= 111.2 SIGMA= 2.5 PHAS= -90.0 FOM= 1.00 TEST= 0
INDE 0 44 0 FOBS= 224.3 SIGMA= 0.8 PHAS= -180.0 FOM= 1.00 TEST= 0
INDE 0 44 2 FOBS= 27.7 SIGMA= 8.6 PHAS= 0.0 FOM= 0.12 TEST= 0
INDE 0 44 10 FOBS= 170.6 SIGMA= 1.3 PHAS= -180.0 FOM= 1.00 TEST= 0
INDE 0 44 12 FOBS= 250.2 SIGMA= 1.0 PHAS= -180.0 FOM= 1.00 TEST= 0
INDE 0 44 14 FOBS= 186.7 SIGMA= 1.4 PHAS= -180.0 FOM= 1.00 TEST= 0
INDE 0 44 16 FOBS= 91.2 SIGMA= 3.0 PHAS= 0.0 FOM= 1.00 TEST= 0
INDE 0 44 18 FOBS= 115.7 SIGMA= 2.4 PHAS= 0.0 FOM= 1.00 TEST= 0
INDE 0 44 32 FOBS= 0.0 SIGMA= 26.0 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 0 44 34 FOBS= 185.6 SIGMA= 2.0 PHAS= 0.0 FOM= 1.00 TEST= 0
INDE 0 44 36 FOBS= 137.9 SIGMA= 2.0 PHAS= 0.0 FOM= 0.99 TEST= 0
INDE 0 44 38 FOBS= 77.9 SIGMA= 3.3 PHAS= 0.0 FOM= 0.66 TEST= 0
INDE 0 44 40 FOBS= 158.5 SIGMA= 1.7 PHAS= -180.0 FOM= 0.92 TEST= 0
INDE 0 44 42 FOBS= 56.3 SIGMA= 4.4 PHAS= -180.0 FOM= 0.55 TEST= 0
INDE 0 44 44 FOBS= 29.4 SIGMA= 8.4 PHAS= 0.0 FOM= 0.47 TEST= 0
INDE 0 44 46 FOBS= 0.0 SIGMA= 21.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 44 48 FOBS= 37.0 SIGMA= 6.2 PHAS= -180.0 FOM= 0.72 TEST= 0
INDE 0 44 50 FOBS= 56.4 SIGMA= 4.9 PHAS= 0.0 FOM= 0.96 TEST= 0
INDE 0 44 52 FOBS= 0.0 SIGMA= 25.0 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 44 54 FOBS= 0.0 SIGMA= 24.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 44 56 FOBS= 70.3 SIGMA= 4.6 PHAS= -180.0 FOM= 0.49 TEST= 0
INDE 0 44 58 FOBS= 89.1 SIGMA= 2.6 PHAS= -180.0 FOM= 0.61 TEST= 0
INDE 0 44 60 FOBS= 0.0 SIGMA= 21.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 44 62 FOBS= 104.2 SIGMA= 2.8 PHAS= -180.0 FOM= 1.00 TEST= 0
INDE 0 44 64 FOBS= 21.6 SIGMA= 16.6 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 0 45 1 FOBS= 241.8 SIGMA= 0.7 PHAS= -90.0 FOM= 0.98 TEST= 0
INDE 0 45 11 FOBS= 148.5 SIGMA= 1.6 PHAS= 90.0 FOM= 1.00 TEST= 0
INDE 0 45 13 FOBS= 45.1 SIGMA= 5.3 PHAS= 90.0 FOM= 0.24 TEST= 0
INDE 0 45 15 FOBS= 138.4 SIGMA= 1.9 PHAS= 90.0 FOM= 1.00 TEST= 0

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INDE	0	45	17	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	45	19	FOBS=	54.4	SIGMA=	5.2	PHAS=	-90.0	FOM=	0.56	TEST=	0
INDE	0	45	31	FOBS=	0.0	SIGMA=	30.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	45	33	FOBS=	257.9	SIGMA=	1.6	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	45	35	FOBS=	122.8	SIGMA=	2.2	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	45	37	FOBS=	260.6	SIGMA=	1.2	PHAS=	-90.0	FOM=	0.94	TEST=	1
INDE	0	45	39	FOBS=	65.4	SIGMA=	4.0	PHAS=	90.0	FOM=	0.65	TEST=	0
INDE	0	45	41	FOBS=	85.5	SIGMA=	3.0	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	45	43	FOBS=	103.5	SIGMA=	2.5	PHAS=	-90.0	FOM=	0.95	TEST=	0
INDE	0	45	45	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	45	47	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	45	49	FOBS=	109.8	SIGMA=	2.2	PHAS=	-90.0	FOM=	0.99	TEST=	0
INDE	0	45	51	FOBS=	0.0	SIGMA=	25.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	45	53	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	45	55	FOBS=	71.5	SIGMA=	4.5	PHAS=	90.0	FOM=	0.23	TEST=	1
INDE	0	45	57	FOBS=	126.7	SIGMA=	2.3	PHAS=	-90.0	FOM=	0.65	TEST=	0
INDE	0	45	59	FOBS=	86.5	SIGMA=	2.7	PHAS=	-90.0	FOM=	0.96	TEST=	0
INDE	0	45	61	FOBS=	47.2	SIGMA=	5.0	PHAS=	90.0	FOM=	0.97	TEST=	0
INDE	0	45	63	FOBS=	0.0	SIGMA=	28.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	46	0	FOBS=	247.9	SIGMA=	0.9	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	46	2	FOBS=	345.9	SIGMA=	0.7	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	46	12	FOBS=	38.6	SIGMA=	6.1	PHAS=	-180.0	FOM=	0.06	TEST=	0
INDE	0	46	14	FOBS=	80.7	SIGMA=	3.1	PHAS=	-180.0	FOM=	0.68	TEST=	0
INDE	0	46	16	FOBS=	33.8	SIGMA=	8.0	PHAS=	0.0	FOM=	0.39	TEST=	0
INDE	0	46	18	FOBS=	49.4	SIGMA=	5.9	PHAS=	-180.0	FOM=	0.39	TEST=	0
INDE	0	46	20	FOBS=	234.2	SIGMA=	1.4	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	46	32	FOBS=	44.7	SIGMA=	7.6	PHAS=	-180.0	FOM=	0.48	TEST=	0
INDE	0	46	34	FOBS=	164.1	SIGMA=	2.2	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	46	36	FOBS=	29.4	SIGMA=	8.7	PHAS=	-180.0	FOM=	0.53	TEST=	0
INDE	0	46	38	FOBS=	211.9	SIGMA=	1.4	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	46	40	FOBS=	130.6	SIGMA=	2.1	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	46	42	FOBS=	254.9	SIGMA=	1.3	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	46	44	FOBS=	111.4	SIGMA=	2.3	PHAS=	0.0	FOM=	0.01	TEST=	1
INDE	0	46	46	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	46	48	FOBS=	118.9	SIGMA=	2.1	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	46	50	FOBS=	0.0	SIGMA=	25.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	46	52	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	46	54	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	46	56	FOBS=	110.8	SIGMA=	3.1	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	46	58	FOBS=	22.1	SIGMA=	10.3	PHAS=	0.0	FOM=	0.12	TEST=	0
INDE	0	46	60	FOBS=	10.7	SIGMA=	22.0	PHAS=	0.0	FOM=	0.22	TEST=	0
INDE	0	46	62	FOBS=	0.0	SIGMA=	24.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	47	1	FOBS=	50.3	SIGMA=	2.9	PHAS=	-90.0	FOM=	0.98	TEST=	0
INDE	0	47	11	FOBS=	33.7	SIGMA=	9.3	PHAS=	-90.0	FOM=	0.08	TEST=	0
INDE	0	47	13	FOBS=	21.6	SIGMA=	11.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	47	15	FOBS=	125.2	SIGMA=	2.1	PHAS=	-90.0	FOM=	0.98	TEST=	0
INDE	0	47	17	FOBS=	71.1	SIGMA=	3.9	PHAS=	-90.0	FOM=	0.55	TEST=	0
INDE	0	47	19	FOBS=	119.7	SIGMA=	2.5	PHAS=	90.0	FOM=	0.94	TEST=	0
INDE	0	47	31	FOBS=	217.1	SIGMA=	2.5	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	47	33	FOBS=	85.4	SIGMA=	4.1	PHAS=	90.0	FOM=	0.06	TEST=	0
INDE	0	47	35	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	47	37	FOBS=	53.7	SIGMA=	4.9	PHAS=	90.0	FOM=	0.68	TEST=	0
INDE	0	47	39	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	47	41	FOBS=	136.7	SIGMA=	2.2	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	47	43	FOBS=	101.4	SIGMA=	2.6	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	47	45	FOBS=	11.8	SIGMA=	20.9	PHAS=	-90.0	FOM=	0.13	TEST=	0
INDE	0	47	47	FOBS=	14.8	SIGMA=	17.8	PHAS=	90.0	FOM=	0.69	TEST=	0
INDE	0	47	49	FOBS=	119.3	SIGMA=	2.5	PHAS=	-90.0	FOM=	0.98	TEST=	0
INDE	0	47	51	FOBS=	83.5	SIGMA=	4.0	PHAS=	-90.0	FOM=	0.99	TEST=	0
INDE	0	47	53	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	47	55	FOBS=	0.0	SIGMA=	25.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	47	57	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	47	59	FOBS=	10.3	SIGMA=	22.4	PHAS=	-90.0	FOM=	0.11	TEST=	0
INDE	0	47	61	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	48	0	FOBS=	445.6	SIGMA=	0.6	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	48	2	FOBS=	111.2	SIGMA=	2.0	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	48	12	FOBS=	73.5	SIGMA=	3.3	PHAS=	-180.0	FOM=	0.43	TEST=	0
INDE	0	48	14	FOBS=	179.2	SIGMA=	1.5	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	48	16	FOBS=	148.2	SIGMA=	1.9	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	48	18	FOBS=	62.6	SIGMA=	4.5	PHAS=	-180.0	FOM=	1.00	TEST=	0

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INDE	0	48	20	FOBS=	187.3	SIGMA=	1.7	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	48	32	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	48	34	FOBS=	0.0	SIGMA=	25.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	48	36	FOBS=	5.4	SIGMA=	60.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	48	38	FOBS=	115.7	SIGMA=	2.3	PHAS=	0.0	FOM=	0.78	TEST=	0
INDE	0	48	40	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	48	42	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	48	44	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	48	46	FOBS=	44.0	SIGMA=	5.6	PHAS=	0.0	FOM=	0.15	TEST=	0
INDE	0	48	48	FOBS=	135.1	SIGMA=	1.9	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	48	50	FOBS=	179.9	SIGMA=	1.8	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	48	52	FOBS=	38.5	SIGMA=	8.4	PHAS=	-180.0	FOM=	0.22	TEST=	0
INDE	0	48	54	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	48	56	FOBS=	0.0	SIGMA=	25.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	48	58	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	48	60	FOBS=	34.5	SIGMA=	8.6	PHAS=	0.0	FOM=	0.02	TEST=	0
INDE	0	49	1	FOBS=	0.0	SIGMA=	25.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	49	3	FOBS=	237.9	SIGMA=	1.4	PHAS=	-90.0	FOM=	0.99	TEST=	0
INDE	0	49	13	FOBS=	121.1	SIGMA=	2.1	PHAS=	90.0	FOM=	0.90	TEST=	0
INDE	0	49	15	FOBS=	138.7	SIGMA=	1.9	PHAS=	-90.0	FOM=	1.00	TEST=	1
INDE	0	49	17	FOBS=	72.0	SIGMA=	3.7	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	49	19	FOBS=	302.4	SIGMA=	1.2	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	49	21	FOBS=	131.5	SIGMA=	2.3	PHAS=	-90.0	FOM=	0.75	TEST=	0
INDE	0	49	31	FOBS=	17.8	SIGMA=	26.3	PHAS=	-90.0	FOM=	0.26	TEST=	0
INDE	0	49	33	FOBS=	29.8	SIGMA=	11.3	PHAS=	-90.0	FOM=	0.13	TEST=	0
INDE	0	49	35	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	49	37	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	49	39	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	49	41	FOBS=	3.1	SIGMA=	80.1	PHAS=	90.0	FOM=	0.07	TEST=	0
INDE	0	49	43	FOBS=	36.1	SIGMA=	6.9	PHAS=	-90.0	FOM=	0.69	TEST=	0
INDE	0	49	45	FOBS=	84.1	SIGMA=	3.0	PHAS=	-90.0	FOM=	0.78	TEST=	0
INDE	0	49	47	FOBS=	97.5	SIGMA=	2.6	PHAS=	90.0	FOM=	0.95	TEST=	0
INDE	0	49	49	FOBS=	75.7	SIGMA=	4.0	PHAS=	90.0	FOM=	0.98	TEST=	0
INDE	0	49	51	FOBS=	48.2	SIGMA=	6.9	PHAS=	90.0	FOM=	0.87	TEST=	0
INDE	0	49	53	FOBS=	53.0	SIGMA=	6.2	PHAS=	90.0	FOM=	0.38	TEST=	1
INDE	0	49	55	FOBS=	58.2	SIGMA=	5.8	PHAS=	-90.0	FOM=	0.16	TEST=	0
INDE	0	49	57	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	49	59	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	50	0	FOBS=	702.8	SIGMA=	0.6	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	50	2	FOBS=	155.3	SIGMA=	1.4	PHAS=	0.0	FOM=	0.85	TEST=	0
INDE	0	50	14	FOBS=	175.9	SIGMA=	1.5	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	50	16	FOBS=	252.7	SIGMA=	1.2	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	50	18	FOBS=	115.4	SIGMA=	2.4	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	50	20	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	50	22	FOBS=	71.8	SIGMA=	4.0	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	50	30	FOBS=	47.5	SIGMA=	9.8	PHAS=	0.0	FOM=	0.33	TEST=	0
INDE	0	50	32	FOBS=	47.3	SIGMA=	7.1	PHAS=	-180.0	FOM=	0.61	TEST=	0
INDE	0	50	34	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	50	36	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	50	38	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	50	40	FOBS=	95.1	SIGMA=	2.7	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	50	42	FOBS=	40.5	SIGMA=	6.2	PHAS=	-180.0	FOM=	0.54	TEST=	0
INDE	0	50	44	FOBS=	125.8	SIGMA=	2.1	PHAS=	-180.0	FOM=	0.15	TEST=	1
INDE	0	50	46	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	50	48	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	50	50	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	50	52	FOBS=	99.6	SIGMA=	3.5	PHAS=	0.0	FOM=	0.96	TEST=	0
INDE	0	50	54	FOBS=	63.9	SIGMA=	5.3	PHAS=	0.0	FOM=	0.18	TEST=	0
INDE	0	50	56	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	50	58	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	51	1	FOBS=	315.9	SIGMA=	0.8	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	51	3	FOBS=	16.9	SIGMA=	12.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	51	13	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	51	15	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	51	17	FOBS=	286.6	SIGMA=	1.1	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	51	19	FOBS=	54.7	SIGMA=	5.0	PHAS=	90.0	FOM=	0.19	TEST=	0
INDE	0	51	21	FOBS=	55.4	SIGMA=	5.2	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	51	23	FOBS=	27.0	SIGMA=	10.6	PHAS=	-90.0	FOM=	0.32	TEST=	0
INDE	0	51	31	FOBS=	164.3	SIGMA=	2.2	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	51	33	FOBS=	47.3	SIGMA=	7.1	PHAS=	-90.0	FOM=	0.57	TEST=	0

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INDE	0	51	35	FOBS=	81.4	SIGMA=	4.1	PHAS=	90.0	FOM=	0.09	TEST=	0
INDE	0	51	37	FOBS=	42.3	SIGMA=	7.8	PHAS=	90.0	FOM=	0.34	TEST=	0
INDE	0	51	39	FOBS=	212.1	SIGMA=	1.4	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	51	41	FOBS=	99.6	SIGMA=	2.6	PHAS=	-90.0	FOM=	0.36	TEST=	1
INDE	0	51	43	FOBS=	159.5	SIGMA=	1.7	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	51	45	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	51	47	FOBS=	74.7	SIGMA=	3.4	PHAS=	90.0	FOM=	0.20	TEST=	0
INDE	0	51	49	FOBS=	45.1	SIGMA=	6.6	PHAS=	-90.0	FOM=	0.43	TEST=	0
INDE	0	51	51	FOBS=	124.4	SIGMA=	2.9	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	51	53	FOBS=	79.4	SIGMA=	4.3	PHAS=	-90.0	FOM=	0.72	TEST=	0
INDE	0	51	55	FOBS=	25.4	SIGMA=	13.2	PHAS=	90.0	FOM=	0.46	TEST=	0
INDE	0	51	57	FOBS=	42.6	SIGMA=	8.2	PHAS=	90.0	FOM=	0.03	TEST=	1
INDE	0	52	0	FOBS=	95.3	SIGMA=	2.2	PHAS=	0.0	FOM=	0.93	TEST=	0
INDE	0	52	2	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	52	14	FOBS=	309.9	SIGMA=	1.0	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	52	16	FOBS=	20.9	SIGMA=	12.1	PHAS=	0.0	FOM=	0.33	TEST=	0
INDE	0	52	18	FOBS=	275.5	SIGMA=	1.2	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	52	20	FOBS=	117.9	SIGMA=	2.4	PHAS=	0.0	FOM=	0.99	TEST=	0
INDE	0	52	22	FOBS=	0.0	SIGMA=	24.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	52	24	FOBS=	135.6	SIGMA=	2.3	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	52	30	FOBS=	104.7	SIGMA=	4.6	PHAS=	0.0	FOM=	0.95	TEST=	0
INDE	0	52	32	FOBS=	42.8	SIGMA=	7.8	PHAS=	0.0	FOM=	0.15	TEST=	0
INDE	0	52	34	FOBS=	163.9	SIGMA=	2.2	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	52	36	FOBS=	23.8	SIGMA=	13.8	PHAS=	-180.0	FOM=	0.04	TEST=	0
INDE	0	52	38	FOBS=	226.6	SIGMA=	1.7	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	52	40	FOBS=	66.8	SIGMA=	3.8	PHAS=	0.0	FOM=	0.06	TEST=	0
INDE	0	52	42	FOBS=	27.4	SIGMA=	10.1	PHAS=	0.0	FOM=	0.08	TEST=	0
INDE	0	52	44	FOBS=	74.3	SIGMA=	3.5	PHAS=	0.0	FOM=	0.89	TEST=	0
INDE	0	52	46	FOBS=	41.8	SIGMA=	6.0	PHAS=	-180.0	FOM=	0.25	TEST=	0
INDE	0	52	48	FOBS=	0.0	SIGMA=	24.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	52	50	FOBS=	52.1	SIGMA=	5.8	PHAS=	-180.0	FOM=	0.91	TEST=	0
INDE	0	52	52	FOBS=	90.4	SIGMA=	3.9	PHAS=	-180.0	FOM=	0.98	TEST=	0
INDE	0	52	54	FOBS=	72.1	SIGMA=	4.8	PHAS=	-180.0	FOM=	0.97	TEST=	0
INDE	0	52	56	FOBS=	0.0	SIGMA=	29.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	53	1	FOBS=	284.3	SIGMA=	0.8	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	53	3	FOBS=	228.0	SIGMA=	1.1	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	53	15	FOBS=	128.3	SIGMA=	2.0	PHAS=	-90.0	FOM=	0.68	TEST=	0
INDE	0	53	17	FOBS=	94.2	SIGMA=	2.8	PHAS=	-90.0	FOM=	0.82	TEST=	0
INDE	0	53	19	FOBS=	406.1	SIGMA=	0.9	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	53	21	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	53	23	FOBS=	159.6	SIGMA=	2.0	PHAS=	-90.0	FOM=	0.23	TEST=	0
INDE	0	53	25	FOBS=	124.2	SIGMA=	2.5	PHAS=	90.0	FOM=	0.47	TEST=	0
INDE	0	53	31	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	53	33	FOBS=	130.4	SIGMA=	2.7	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	53	35	FOBS=	31.6	SIGMA=	10.7	PHAS=	90.0	FOM=	0.37	TEST=	0
INDE	0	53	37	FOBS=	29.1	SIGMA=	11.4	PHAS=	90.0	FOM=	0.32	TEST=	0
INDE	0	53	39	FOBS=	78.0	SIGMA=	3.3	PHAS=	90.0	FOM=	0.16	TEST=	0
INDE	0	53	41	FOBS=	26.4	SIGMA=	9.5	PHAS=	-90.0	FOM=	0.20	TEST=	0
INDE	0	53	43	FOBS=	56.7	SIGMA=	4.5	PHAS=	90.0	FOM=	0.59	TEST=	0
INDE	0	53	45	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	53	47	FOBS=	0.0	SIGMA=	28.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	53	49	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	53	51	FOBS=	0.0	SIGMA=	26.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	53	53	FOBS=	36.3	SIGMA=	9.6	PHAS=	90.0	FOM=	0.55	TEST=	0
INDE	0	53	55	FOBS=	0.0	SIGMA=	29.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	54	0	FOBS=	426.2	SIGMA=	1.0	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	54	2	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	54	4	FOBS=	404.0	SIGMA=	0.7	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	54	14	FOBS=	20.6	SIGMA=	11.2	PHAS=	0.0	FOM=	0.26	TEST=	0
INDE	0	54	16	FOBS=	243.2	SIGMA=	1.2	PHAS=	-180.0	FOM=	0.99	TEST=	0
INDE	0	54	18	FOBS=	64.9	SIGMA=	3.9	PHAS=	-180.0	FOM=	0.78	TEST=	0
INDE	0	54	20	FOBS=	56.8	SIGMA=	4.7	PHAS=	0.0	FOM=	0.33	TEST=	0
INDE	0	54	22	FOBS=	36.3	SIGMA=	7.8	PHAS=	-180.0	FOM=	0.92	TEST=	0
INDE	0	54	24	FOBS=	28.5	SIGMA=	10.5	PHAS=	-180.0	FOM=	0.01	TEST=	1
INDE	0	54	26	FOBS=	76.1	SIGMA=	3.9	PHAS=	-180.0	FOM=	0.00	TEST=	1
INDE	0	54	30	FOBS=	73.6	SIGMA=	6.4	PHAS=	-180.0	FOM=	0.96	TEST=	0
INDE	0	54	32	FOBS=	56.8	SIGMA=	6.0	PHAS=	0.0	FOM=	0.01	TEST=	0
INDE	0	54	34	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	54	36	FOBS=	43.1	SIGMA=	7.7	PHAS=	0.0	FOM=	0.99	TEST=	0
INDE	0	54	38	FOBS=	149.8	SIGMA=	2.4	PHAS=	-180.0	FOM=	0.96	TEST=	0

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FIG. 12A - 20

INDE	0	54	40	FOBS=	41.3	SIGMA=	6.1	PHAS=	-180.0	FOM=	0.99	TEST=	0
INDE	0	54	42	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	54	44	FOBS=	57.2	SIGMA=	4.5	PHAS=	0.0	FOM=	0.58	TEST=	0
INDE	0	54	46	FOBS=	0.0	SIGMA=	25.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	54	48	FOBS=	0.0	SIGMA=	24.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	54	50	FOBS=	0.0	SIGMA=	24.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	54	52	FOBS=	0.0	SIGMA=	26.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	54	54	FOBS=	0.0	SIGMA=	29.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	55	1	FOBS=	48.7	SIGMA=	5.7	PHAS=	90.0	FOM=	0.28	TEST=	0
INDE	0	55	3	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	55	15	FOBS=	136.0	SIGMA=	1.8	PHAS=	-90.0	FOM=	0.85	TEST=	1
INDE	0	55	17	FOBS=	55.8	SIGMA=	4.5	PHAS=	-90.0	FOM=	0.51	TEST=	0
INDE	0	55	19	FOBS=	93.6	SIGMA=	2.8	PHAS=	-90.0	FOM=	0.93	TEST=	0
INDE	0	55	21	FOBS=	27.3	SIGMA=	9.8	PHAS=	90.0	FOM=	0.16	TEST=	0
INDE	0	55	23	FOBS=	206.4	SIGMA=	1.6	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	55	25	FOBS=	172.2	SIGMA=	1.9	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	55	27	FOBS=	0.0	SIGMA=	27.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	55	29	FOBS=	110.9	SIGMA=	4.4	PHAS=	90.0	FOM=	0.78	TEST=	0
INDE	0	55	31	FOBS=	16.5	SIGMA=	20.4	PHAS=	90.0	FOM=	0.11	TEST=	0
INDE	0	55	33	FOBS=	173.8	SIGMA=	2.1	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	55	35	FOBS=	164.8	SIGMA=	2.2	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	55	37	FOBS=	41.1	SIGMA=	8.0	PHAS=	90.0	FOM=	0.40	TEST=	0
INDE	0	55	39	FOBS=	59.8	SIGMA=	5.5	PHAS=	-90.0	FOM=	0.19	TEST=	0
INDE	0	55	41	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	55	43	FOBS=	0.0	SIGMA=	26.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	55	45	FOBS=	53.4	SIGMA=	4.8	PHAS=	90.0	FOM=	0.49	TEST=	0
INDE	0	55	47	FOBS=	13.9	SIGMA=	26.6	PHAS=	-90.0	FOM=	0.03	TEST=	0
INDE	0	55	49	FOBS=	0.0	SIGMA=	28.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	55	51	FOBS=	36.1	SIGMA=	10.1	PHAS=	90.0	FOM=	0.62	TEST=	0
INDE	0	55	53	FOBS=	0.0	SIGMA=	29.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	56	2	FOBS=	68.1	SIGMA=	2.9	PHAS=	0.0	FOM=	0.75	TEST=	0
INDE	0	56	4	FOBS=	142.3	SIGMA=	1.5	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	56	16	FOBS=	56.4	SIGMA=	4.2	PHAS=	-180.0	FOM=	0.96	TEST=	0
INDE	0	56	18	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	56	20	FOBS=	45.9	SIGMA=	5.6	PHAS=	-180.0	FOM=	0.17	TEST=	1
INDE	0	56	22	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	56	24	FOBS=	124.5	SIGMA=	2.4	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	56	26	FOBS=	53.2	SIGMA=	5.6	PHAS=	0.0	FOM=	0.25	TEST=	0
INDE	0	56	30	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	56	32	FOBS=	60.1	SIGMA=	5.7	PHAS=	-180.0	FOM=	0.54	TEST=	0
INDE	0	56	34	FOBS=	219.8	SIGMA=	1.8	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	56	36	FOBS=	0.0	SIGMA=	25.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	56	38	FOBS=	34.8	SIGMA=	9.6	PHAS=	-180.0	FOM=	0.51	TEST=	0
INDE	0	56	40	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	56	42	FOBS=	30.2	SIGMA=	8.3	PHAS=	-180.0	FOM=	0.35	TEST=	0
INDE	0	56	44	FOBS=	10.0	SIGMA=	27.8	PHAS=	0.0	FOM=	0.15	TEST=	0
INDE	0	56	46	FOBS=	42.1	SIGMA=	7.2	PHAS=	-180.0	FOM=	0.02	TEST=	0
INDE	0	56	48	FOBS=	12.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.02	TEST=	0
INDE	0	56	50	FOBS=	57.0	SIGMA=	5.5	PHAS=	0.0	FOM=	0.46	TEST=	0
INDE	0	56	52	FOBS=	0.0	SIGMA=	29.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	57	1	FOBS=	105.9	SIGMA=	1.9	PHAS=	-90.0	FOM=	0.71	TEST=	0
INDE	0	57	3	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	57	17	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	57	19	FOBS=	120.8	SIGMA=	2.3	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	57	21	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	57	23	FOBS=	20.5	SIGMA=	13.7	PHAS=	-90.0	FOM=	0.47	TEST=	0
INDE	0	57	25	FOBS=	147.6	SIGMA=	2.1	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	57	27	FOBS=	82.6	SIGMA=	3.7	PHAS=	-90.0	FOM=	0.96	TEST=	0
INDE	0	57	29	FOBS=	54.4	SIGMA=	8.5	PHAS=	-90.0	FOM=	0.28	TEST=	0
INDE	0	57	31	FOBS=	38.4	SIGMA=	8.8	PHAS=	-90.0	FOM=	0.10	TEST=	0
INDE	0	57	33	FOBS=	35.3	SIGMA=	9.6	PHAS=	-90.0	FOM=	0.05	TEST=	0
INDE	0	57	35	FOBS=	73.2	SIGMA=	4.6	PHAS=	-90.0	FOM=	0.99	TEST=	0
INDE	0	57	37	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	57	39	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	57	41	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	57	43	FOBS=	63.7	SIGMA=	4.0	PHAS=	90.0	FOM=	0.66	TEST=	0
INDE	0	57	45	FOBS=	48.6	SIGMA=	5.3	PHAS=	90.0	FOM=	0.67	TEST=	0
INDE	0	57	47	FOBS=	52.1	SIGMA=	6.1	PHAS=	90.0	FOM=	0.90	TEST=	0
INDE	0	57	49	FOBS=	42.9	SIGMA=	7.2	PHAS=	-90.0	FOM=	0.97	TEST=	0
INDE	0	57	51	FOBS=	44.3	SIGMA=	10.3	PHAS=	-90.0	FOM=	0.38	TEST=	0

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INDE	0	58	2	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	58	4	FOBS=	92.8	SIGMA=	2.3	PHAS=	0.0	FOM=	0.41	TEST=	1
INDE	0	58	16	FOBS=	26.8	SIGMA=	8.5	PHAS=	-180.0	FOM=	0.01	TEST=	0
INDE	0	58	18	FOBS=	54.8	SIGMA=	4.5	PHAS=	-180.0	FOM=	0.87	TEST=	0
INDE	0	58	20	FOBS=	45.8	SIGMA=	5.7	PHAS=	0.0	FOM=	0.75	TEST=	0
INDE	0	58	22	FOBS=	56.1	SIGMA=	4.7	PHAS=	-180.0	FOM=	0.24	TEST=	0
INDE	0	58	24	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	58	26	FOBS=	16.1	SIGMA=	18.4	PHAS=	-180.0	FOM=	0.04	TEST=	0
INDE	0	58	28	FOBS=	7.6	SIGMA=	32.6	PHAS=	-180.0	FOM=	0.18	TEST=	0
INDE	0	58	30	FOBS=	0.0	SIGMA=	25.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	58	32	FOBS=	21.8	SIGMA=	15.5	PHAS=	-180.0	FOM=	0.29	TEST=	0
INDE	0	58	34	FOBS=	140.6	SIGMA=	2.6	PHAS=	-180.0	FOM=	0.73	TEST=	0
INDE	0	58	36	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	58	38	FOBS=	22.5	SIGMA=	14.7	PHAS=	0.0	FOM=	0.66	TEST=	0
INDE	0	58	40	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	58	42	FOBS=	80.3	SIGMA=	3.3	PHAS=	0.0	FOM=	0.94	TEST=	0
INDE	0	58	44	FOBS=	22.0	SIGMA=	16.1	PHAS=	0.0	FOM=	0.27	TEST=	0
INDE	0	58	46	FOBS=	69.6	SIGMA=	4.5	PHAS=	0.0	FOM=	0.97	TEST=	0
INDE	0	58	48	FOBS=	24.2	SIGMA=	12.9	PHAS=	-180.0	FOM=	0.43	TEST=	0
INDE	0	58	50	FOBS=	28.2	SIGMA=	16.3	PHAS=	-180.0	FOM=	0.54	TEST=	0
INDE	0	59	1	FOBS=	101.5	SIGMA=	2.8	PHAS=	-90.0	FOM=	0.94	TEST=	0
INDE	0	59	3	FOBS=	39.3	SIGMA=	4.8	PHAS=	90.0	FOM=	0.21	TEST=	0
INDE	0	59	5	FOBS=	47.4	SIGMA=	4.2	PHAS=	-90.0	FOM=	0.59	TEST=	0
INDE	0	59	17	FOBS=	44.4	SIGMA=	5.3	PHAS=	90.0	FOM=	0.09	TEST=	0
INDE	0	59	19	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	59	21	FOBS=	77.0	SIGMA=	3.4	PHAS=	-90.0	FOM=	0.99	TEST=	0
INDE	0	59	23	FOBS=	29.5	SIGMA=	9.1	PHAS=	90.0	FOM=	0.09	TEST=	0
INDE	0	59	25	FOBS=	78.8	SIGMA=	3.7	PHAS=	-90.0	FOM=	0.99	TEST=	0
INDE	0	59	27	FOBS=	42.1	SIGMA=	6.1	PHAS=	-90.0	FOM=	0.05	TEST=	0
INDE	0	59	29	FOBS=	71.5	SIGMA=	3.2	PHAS=	-90.0	FOM=	0.99	TEST=	0
INDE	0	59	31	FOBS=	102.4	SIGMA=	3.4	PHAS=	90.0	FOM=	0.70	TEST=	0
INDE	0	59	33	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	59	35	FOBS=	96.3	SIGMA=	3.6	PHAS=	-90.0	FOM=	0.96	TEST=	0
INDE	0	59	37	FOBS=	0.0	SIGMA=	25.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	59	39	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	59	41	FOBS=	36.1	SIGMA=	9.1	PHAS=	-90.0	FOM=	0.22	TEST=	0
INDE	0	59	43	FOBS=	0.0	SIGMA=	24.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	59	45	FOBS=	41.0	SIGMA=	9.0	PHAS=	-90.0	FOM=	0.53	TEST=	0
INDE	0	59	47	FOBS=	34.2	SIGMA=	9.2	PHAS=	-90.0	FOM=	0.16	TEST=	0
INDE	0	59	49	FOBS=	41.5	SIGMA=	11.3	PHAS=	-90.0	FOM=	0.58	TEST=	0
INDE	0	60	2	FOBS=	34.7	SIGMA=	5.7	PHAS=	0.0	FOM=	0.64	TEST=	1
INDE	0	60	4	FOBS=	93.8	SIGMA=	2.2	PHAS=	-180.0	FOM=	0.98	TEST=	0
INDE	0	60	18	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	60	20	FOBS=	86.1	SIGMA=	4.5	PHAS=	-180.0	FOM=	0.19	TEST=	0
INDE	0	60	22	FOBS=	36.2	SIGMA=	10.1	PHAS=	-180.0	FOM=	0.11	TEST=	0
INDE	0	60	24	FOBS=	0.0	SIGMA=	27.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	60	26	FOBS=	63.3	SIGMA=	6.8	PHAS=	0.0	FOM=	0.34	TEST=	1
INDE	0	60	28	FOBS=	129.9	SIGMA=	2.3	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	60	30	FOBS=	8.8	SIGMA=	30.8	PHAS=	-180.0	FOM=	0.05	TEST=	0
INDE	0	60	32	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	60	34	FOBS=	127.8	SIGMA=	2.8	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	60	36	FOBS=	115.4	SIGMA=	3.1	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	60	38	FOBS=	69.2	SIGMA=	5.0	PHAS=	0.0	FOM=	0.97	TEST=	0
INDE	0	60	40	FOBS=	35.2	SIGMA=	9.6	PHAS=	0.0	FOM=	0.44	TEST=	0
INDE	0	60	42	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	60	44	FOBS=	0.0	SIGMA=	24.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	60	46	FOBS=	29.0	SIGMA=	12.7	PHAS=	-180.0	FOM=	0.60	TEST=	0
INDE	0	60	48	FOBS=	38.4	SIGMA=	12.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	61	3	FOBS=	203.6	SIGMA=	1.0	PHAS=	90.0	FOM=	0.97	TEST=	1
INDE	0	61	5	FOBS=	78.0	SIGMA=	2.7	PHAS=	90.0	FOM=	0.05	TEST=	1
INDE	0	61	19	FOBS=	58.1	SIGMA=	5.7	PHAS=	90.0	FOM=	0.28	TEST=	0
INDE	0	61	21	FOBS=	12.4	SIGMA=	30.3	PHAS=	90.0	FOM=	0.04	TEST=	0
INDE	0	61	23	FOBS=	0.0	SIGMA=	27.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	61	27	FOBS=	110.5	SIGMA=	3.0	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	61	29	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	61	31	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	61	33	FOBS=	56.9	SIGMA=	6.1	PHAS=	90.0	FOM=	0.83	TEST=	0
INDE	0	61	35	FOBS=	47.2	SIGMA=	7.4	PHAS=	90.0	FOM=	0.84	TEST=	0
INDE	0	61	37	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	61	39	FOBS=	97.6	SIGMA=	3.6	PHAS=	-90.0	FOM=	1.00	TEST=	0

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INDE 0 61 41 FOBS= 0.0 SIGMA= 25.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 61 43 FOBS= 16.8 SIGMA= 17.5 PHAS= -90.0 FOM= 0.32 TEST= 0
INDE 0 61 45 FOBS= 101.1 SIGMA= 5.0 PHAS= 90.0 FOM= 0.97 TEST= 0
INDE 0 61 47 FOBS= 0.0 SIGMA= 31.0 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 62 2 FOBS= 101.1 SIGMA= 2.9 PHAS= -180.0 FOM= 0.82 TEST= 1
INDE 0 62 4 FOBS= 101.4 SIGMA= 2.8 PHAS= -180.0 FOM= 0.99 TEST= 0
INDE 0 62 6 FOBS= 33.1 SIGMA= 8.9 PHAS= 0.0 FOM= 0.04 TEST= 0
INDE 0 62 18 FOBS= 17.9 SIGMA= 17.6 PHAS= -180.0 FOM= 0.06 TEST= 0
INDE 0 62 20 FOBS= 0.0 SIGMA= 26.0 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 62 22 FOBS= 32.8 SIGMA= 11.8 PHAS= 0.0 FOM= 0.96 TEST= 0
INDE 0 62 24 FOBS= 0.0 SIGMA= 27.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 62 26 FOBS= 0.0 SIGMA= 25.1 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 62 28 FOBS= 77.6 SIGMA= 3.6 PHAS= -180.0 FOM= 0.24 TEST= 0
INDE 0 62 30 FOBS= 25.4 SIGMA= 11.0 PHAS= -180.0 FOM= 0.38 TEST= 0
INDE 0 62 32 FOBS= 54.5 SIGMA= 5.2 PHAS= -180.0 FOM= 0.94 TEST= 0
INDE 0 62 34 FOBS= 29.0 SIGMA= 11.9 PHAS= 0.0 FOM= 0.18 TEST= 0
INDE 0 62 36 FOBS= 89.6 SIGMA= 4.0 PHAS= -180.0 FOM= 1.00 TEST= 0
INDE 0 62 38 FOBS= 75.0 SIGMA= 4.7 PHAS= -180.0 FOM= 0.98 TEST= 0
INDE 0 62 40 FOBS= 0.0 SIGMA= 26.1 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 62 42 FOBS= 15.0 SIGMA= 22.9 PHAS= -180.0 FOM= 0.19 TEST= 0
INDE 0 62 44 FOBS= 0.0 SIGMA= 31.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 62 46 FOBS= 0.0 SIGMA= 31.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 63 3 FOBS= 80.4 SIGMA= 3.5 PHAS= 90.0 FOM= 0.25 TEST= 0
INDE 0 63 5 FOBS= 77.8 SIGMA= 3.9 PHAS= 90.0 FOM= 0.77 TEST= 0
INDE 0 63 19 FOBS= 93.2 SIGMA= 3.6 PHAS= -90.0 FOM= 0.93 TEST= 0
INDE 0 63 21 FOBS= 134.5 SIGMA= 2.8 PHAS= -90.0 FOM= 0.99 TEST= 0
INDE 0 63 23 FOBS= 100.9 SIGMA= 4.1 PHAS= -90.0 FOM= 0.97 TEST= 0
INDE 0 63 25 FOBS= 0.0 SIGMA= 24.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 63 27 FOBS= 44.3 SIGMA= 6.2 PHAS= -90.0 FOM= 0.68 TEST= 0
INDE 0 63 29 FOBS= 0.0 SIGMA= 26.1 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 63 31 FOBS= 66.7 SIGMA= 4.3 PHAS= 90.0 FOM= 0.98 TEST= 0
INDE 0 63 33 FOBS= 71.6 SIGMA= 4.0 PHAS= 90.0 FOM= 1.00 TEST= 0
INDE 0 63 35 FOBS= 45.7 SIGMA= 7.6 PHAS= -90.0 FOM= 0.47 TEST= 0
INDE 0 63 37 FOBS= 117.7 SIGMA= 3.1 PHAS= 90.0 FOM= 1.00 TEST= 0
INDE 0 63 39 FOBS= 0.0 SIGMA= 26.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 63 41 FOBS= 60.3 SIGMA= 5.9 PHAS= 90.0 FOM= 0.37 TEST= 0
INDE 0 63 43 FOBS= 0.0 SIGMA= 26.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 63 45 FOBS= 0.0 SIGMA= 31.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 64 4 FOBS= 66.5 SIGMA= 4.1 PHAS= -180.0 FOM= 0.45 TEST= 0
INDE 0 64 6 FOBS= 31.1 SIGMA= 10.0 PHAS= 0.0 FOM= 0.39 TEST= 0
INDE 0 64 20 FOBS= 88.4 SIGMA= 3.9 PHAS= -180.0 FOM= 0.93 TEST= 0
INDE 0 64 22 FOBS= 119.6 SIGMA= 3.2 PHAS= -180.0 FOM= 0.94 TEST= 1
INDE 0 64 24 FOBS= 20.9 SIGMA= 18.7 PHAS= -180.0 FOM= 0.54 TEST= 0
INDE 0 64 26 FOBS= 40.2 SIGMA= 6.6 PHAS= -180.0 FOM= 0.18 TEST= 0
INDE 0 64 28 FOBS= 30.0 SIGMA= 11.6 PHAS= -180.0 FOM= 0.55 TEST= 0
INDE 0 64 30 FOBS= 110.8 SIGMA= 2.6 PHAS= -180.0 FOM= 0.99 TEST= 0
INDE 0 64 32 FOBS= 7.4 SIGMA= 38.6 PHAS= -180.0 FOM= 0.10 TEST= 0
INDE 0 64 34 FOBS= 0.0 SIGMA= 23.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 64 36 FOBS= 34.5 SIGMA= 10.1 PHAS= -180.0 FOM= 0.35 TEST= 0
INDE 0 64 38 FOBS= 33.2 SIGMA= 10.6 PHAS= 0.0 FOM= 0.48 TEST= 0
INDE 0 64 40 FOBS= 59.4 SIGMA= 6.0 PHAS= -180.0 FOM= 0.46 TEST= 0
INDE 0 64 42 FOBS= 57.2 SIGMA= 6.3 PHAS= 0.0 FOM= 0.91 TEST= 0
INDE 0 64 44 FOBS= 0.0 SIGMA= 31.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 65 5 FOBS= 17.2 SIGMA= 15.3 PHAS= 90.0 FOM= 0.60 TEST= 0
INDE 0 65 7 FOBS= 0.0 SIGMA= 24.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 65 21 FOBS= 64.9 SIGMA= 5.4 PHAS= 90.0 FOM= 0.78 TEST= 0
INDE 0 65 23 FOBS= 31.2 SIGMA= 12.8 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 0 65 25 FOBS= 25.7 SIGMA= 11.8 PHAS= 90.0 FOM= 0.21 TEST= 0
INDE 0 65 27 FOBS= 59.2 SIGMA= 4.5 PHAS= 90.0 FOM= 0.58 TEST= 0
INDE 0 65 29 FOBS= 79.6 SIGMA= 3.6 PHAS= 90.0 FOM= 0.97 TEST= 0
INDE 0 65 31 FOBS= 73.5 SIGMA= 3.9 PHAS= 90.0 FOM= 1.00 TEST= 0
INDE 0 65 33 FOBS= 60.4 SIGMA= 4.9 PHAS= 90.0 FOM= 0.65 TEST= 0
INDE 0 65 35 FOBS= 59.1 SIGMA= 4.9 PHAS= 90.0 FOM= 0.82 TEST= 0
INDE 0 65 37 FOBS= 54.5 SIGMA= 6.6 PHAS= 90.0 FOM= 0.74 TEST= 0
INDE 0 65 39 FOBS= 10.2 SIGMA= 34.9 PHAS= 90.0 FOM= 0.05 TEST= 0
INDE 0 65 41 FOBS= 7.4 SIGMA= 48.9 PHAS= -90.0 FOM= 0.06 TEST= 0
INDE 0 66 4 FOBS= 19.7 SIGMA= 13.7 PHAS= 0.0 FOM= 0.35 TEST= 0
INDE 0 66 6 FOBS= 0.0 SIGMA= 24.3 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 66 20 FOBS= 0.0 SIGMA= 25.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 66 22 FOBS= 0.0 SIGMA= 26.3 PHAS= 0.0 FOM= 0.00 TEST= 1

FIG. 12A - 23

INDE	0	66	24	FOBS=	0.0	SIGMA=	25.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	66	26	FOBS=	35.1	SIGMA=	7.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	66	28	FOBS=	41.2	SIGMA=	8.5	PHAS=	-180.0	FOM=	0.00	TEST=	1
INDE	0	66	30	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	66	32	FOBS=	0.0	SIGMA=	26.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	66	34	FOBS=	103.1	SIGMA=	3.0	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	66	36	FOBS=	98.5	SIGMA=	3.1	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	66	38	FOBS=	0.0	SIGMA=	26.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	66	40	FOBS=	0.0	SIGMA=	27.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	67	5	FOBS=	48.0	SIGMA=	5.5	PHAS=	90.0	FOM=	0.76	TEST=	0
INDE	0	67	7	FOBS=	45.5	SIGMA=	6.5	PHAS=	90.0	FOM=	0.70	TEST=	0
INDE	0	67	21	FOBS=	38.2	SIGMA=	8.7	PHAS=	-90.0	FOM=	0.48	TEST=	0
INDE	0	67	23	FOBS=	110.7	SIGMA=	2.8	PHAS=	-90.0	FOM=	0.99	TEST=	0
INDE	0	67	25	FOBS=	74.5	SIGMA=	3.7	PHAS=	-90.0	FOM=	0.98	TEST=	0
INDE	0	67	27	FOBS=	76.0	SIGMA=	3.6	PHAS=	90.0	FOM=	0.98	TEST=	0
INDE	0	67	29	FOBS=	53.9	SIGMA=	5.2	PHAS=	90.0	FOM=	0.62	TEST=	0
INDE	0	67	31	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	67	33	FOBS=	31.4	SIGMA=	11.5	PHAS=	90.0	FOM=	0.01	TEST=	1
INDE	0	67	35	FOBS=	88.1	SIGMA=	3.5	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	67	37	FOBS=	0.0	SIGMA=	27.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	67	39	FOBS=	0.0	SIGMA=	27.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	68	4	FOBS=	78.7	SIGMA=	3.6	PHAS=	-180.0	FOM=	0.28	TEST=	1
INDE	0	68	6	FOBS=	27.5	SIGMA=	9.5	PHAS=	0.0	FOM=	0.42	TEST=	0
INDE	0	68	8	FOBS=	18.6	SIGMA=	16.0	PHAS=	0.0	FOM=	0.37	TEST=	0
INDE	0	68	22	FOBS=	77.8	SIGMA=	3.8	PHAS=	-180.0	FOM=	0.41	TEST=	0
INDE	0	68	24	FOBS=	0.0	SIGMA=	24.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	68	26	FOBS=	113.3	SIGMA=	2.6	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	68	28	FOBS=	86.2	SIGMA=	3.3	PHAS=	0.0	FOM=	0.52	TEST=	0
INDE	0	68	30	FOBS=	70.1	SIGMA=	4.1	PHAS=	-180.0	FOM=	0.32	TEST=	0
INDE	0	68	32	FOBS=	28.9	SIGMA=	10.1	PHAS=	0.0	FOM=	0.26	TEST=	0
INDE	0	68	34	FOBS=	76.0	SIGMA=	4.0	PHAS=	0.0	FOM=	0.96	TEST=	0
INDE	0	68	36	FOBS=	0.0	SIGMA=	27.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	69	5	FOBS=	33.5	SIGMA=	8.1	PHAS=	90.0	FOM=	0.65	TEST=	0
INDE	0	69	7	FOBS=	118.0	SIGMA=	2.6	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	69	21	FOBS=	129.4	SIGMA=	4.1	PHAS=	-90.0	FOM=	0.83	TEST=	0
INDE	0	69	23	FOBS=	114.6	SIGMA=	2.4	PHAS=	-90.0	FOM=	1.00	TEST=	0
INDE	0	69	25	FOBS=	114.9	SIGMA=	2.4	PHAS=	-90.0	FOM=	0.99	TEST=	0
INDE	0	69	27	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	69	29	FOBS=	164.6	SIGMA=	1.9	PHAS=	-90.0	FOM=	0.05	TEST=	1
INDE	0	69	31	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	69	33	FOBS=	46.7	SIGMA=	6.4	PHAS=	-90.0	FOM=	0.90	TEST=	0
INDE	0	69	35	FOBS=	128.1	SIGMA=	2.6	PHAS=	-90.0	FOM=	0.97	TEST=	0
INDE	0	70	6	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	70	8	FOBS=	86.7	SIGMA=	3.6	PHAS=	0.0	FOM=	1.00	TEST=	0
INDE	0	70	22	FOBS=	117.8	SIGMA=	4.8	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	70	24	FOBS=	64.0	SIGMA=	4.1	PHAS=	-180.0	FOM=	0.95	TEST=	0
INDE	0	70	26	FOBS=	0.0	SIGMA=	25.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	70	28	FOBS=	111.2	SIGMA=	2.7	PHAS=	-180.0	FOM=	1.00	TEST=	0
INDE	0	70	30	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	70	32	FOBS=	18.6	SIGMA=	19.7	PHAS=	-180.0	FOM=	0.28	TEST=	0
INDE	0	71	5	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	71	7	FOBS=	96.9	SIGMA=	2.8	PHAS=	90.0	FOM=	1.00	TEST=	0
INDE	0	71	9	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	71	23	FOBS=	32.1	SIGMA=	9.1	PHAS=	90.0	FOM=	0.93	TEST=	0
INDE	0	71	25	FOBS=	0.0	SIGMA=	27.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	71	27	FOBS=	21.3	SIGMA=	16.0	PHAS=	90.0	FOM=	0.13	TEST=	0
INDE	0	71	29	FOBS=	44.1	SIGMA=	6.6	PHAS=	-90.0	FOM=	0.88	TEST=	0
INDE	0	71	31	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	0	72	6	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	72	8	FOBS=	26.6	SIGMA=	11.2	PHAS=	0.0	FOM=	0.63	TEST=	0
INDE	0	72	24	FOBS=	40.9	SIGMA=	8.9	PHAS=	0.0	FOM=	0.39	TEST=	0
INDE	0	72	26	FOBS=	31.3	SIGMA=	12.5	PHAS=	0.0	FOM=	0.17	TEST=	0
INDE	0	72	28	FOBS=	95.9	SIGMA=	3.8	PHAS=	-180.0	FOM=	0.95	TEST=	0
INDE	0	73	7	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	73	9	FOBS=	47.0	SIGMA=	6.8	PHAS=	-90.0	FOM=	0.77	TEST=	0
INDE	0	73	25	FOBS=	13.7	SIGMA=	27.9	PHAS=	90.0	FOM=	0.14	TEST=	0
INDE	0	74	6	FOBS=	63.5	SIGMA=	4.4	PHAS=	0.0	FOM=	0.58	TEST=	0
INDE	0	74	8	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	0	74	10	FOBS=	20.7	SIGMA=	14.7	PHAS=	-180.0	FOM=	0.02	TEST=	0
INDE	0	75	9	FOBS=	36.4	SIGMA=	8.4	PHAS=	-90.0	FOM=	0.37	TEST=	0

FIG. 12A - 24

FIG. 12A - 24

INDE 0 76 8 FOBS= 43.7 SIGMA= 6.2 PHAS= 0.0 FOM= 0.74 TEST= 0
INDE 0 76 10 FOBS= 0.0 SIGMA= 25.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 0 77 7 FOBS= 49.3 SIGMA= 5.7 PHAS= 90.0 FOM= 0.72 TEST= 0
INDE 0 77 9 FOBS= 0.0 SIGMA= 23.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 1 2 21 FOBS= 85.8 SIGMA= 1.0 PHAS= -97.6 FOM= 0.34 TEST= 0
INDE 1 2 23 FOBS= 293.8 SIGMA= 0.5 PHAS= -96.0 FOM= 0.92 TEST= 0
INDE 1 2 25 FOBS= 196.3 SIGMA= 0.6 PHAS= 6.8 FOM= 0.95 TEST= 0
INDE 1 2 27 FOBS= 354.0 SIGMA= 0.5 PHAS= 44.8 FOM= 0.99 TEST= 0
INDE 1 2 29 FOBS= 187.6 SIGMA= 0.5 PHAS= 178.1 FOM= 0.99 TEST= 0
INDE 1 2 31 FOBS= 123.9 SIGMA= 0.7 PHAS= -107.7 FOM= 0.98 TEST= 0
INDE 1 2 33 FOBS= 125.2 SIGMA= 0.7 PHAS= -55.4 FOM= 0.94 TEST= 0
INDE 1 2 35 FOBS= 80.4 SIGMA= 1.2 PHAS= 24.7 FOM= 0.98 TEST= 0
INDE 1 2 37 FOBS= 120.1 SIGMA= 0.9 PHAS= 79.7 FOM= 0.99 TEST= 0
INDE 1 2 39 FOBS= 93.9 SIGMA= 1.6 PHAS= -21.0 FOM= 0.94 TEST= 0
INDE 1 2 41 FOBS= 373.5 SIGMA= 0.5 PHAS= 45.7 FOM= 0.97 TEST= 0
INDE 1 2 43 FOBS= 112.6 SIGMA= 1.0 PHAS= 38.0 FOM= 0.98 TEST= 0
INDE 1 2 45 FOBS= 196.1 SIGMA= 0.7 PHAS= 46.1 FOM= 0.95 TEST= 0
INDE 1 2 47 FOBS= 149.8 SIGMA= 0.8 PHAS= 100.8 FOM= 0.85 TEST= 0
INDE 1 2 49 FOBS= 184.4 SIGMA= 0.9 PHAS= 13.8 FOM= 0.97 TEST= 0
INDE 1 2 51 FOBS= 251.0 SIGMA= 1.1 PHAS= 27.2 FOM= 0.81 TEST= 1
INDE 1 2 53 FOBS= 174.0 SIGMA= 1.0 PHAS= -8.2 FOM= 0.93 TEST= 0
INDE 1 2 55 FOBS= 78.5 SIGMA= 2.0 PHAS= -150.9 FOM= 0.62 TEST= 0
INDE 1 2 57 FOBS= 174.1 SIGMA= 1.0 PHAS= 106.7 FOM= 0.90 TEST= 0
INDE 1 2 59 FOBS= 158.1 SIGMA= 1.4 PHAS= 22.6 FOM= 0.94 TEST= 0
INDE 1 2 61 FOBS= 23.4 SIGMA= 9.3 PHAS= -89.7 FOM= 0.65 TEST= 0
INDE 1 2 63 FOBS= 131.7 SIGMA= 2.5 PHAS= -102.2 FOM= 0.94 TEST= 0
INDE 1 2 65 FOBS= 159.2 SIGMA= 2.0 PHAS= -63.2 FOM= 0.95 TEST= 0
INDE 1 3 26 FOBS= 19.8 SIGMA= 4.9 PHAS= -50.2 FOM= 0.32 TEST= 0
INDE 1 3 28 FOBS= 217.9 SIGMA= 0.7 PHAS= 60.3 FOM= 0.98 TEST= 0
INDE 1 3 30 FOBS= 77.9 SIGMA= 1.5 PHAS= 51.8 FOM= 0.92 TEST= 0
INDE 1 3 32 FOBS= 201.2 SIGMA= 0.8 PHAS= 151.2 FOM= 0.98 TEST= 0
INDE 1 3 34 FOBS= 57.6 SIGMA= 1.5 PHAS= 147.0 FOM= 0.81 TEST= 0
INDE 1 3 36 FOBS= 284.0 SIGMA= 0.7 PHAS= 176.9 FOM= 0.97 TEST= 0
INDE 1 3 38 FOBS= 294.5 SIGMA= 0.7 PHAS= 136.3 FOM= 0.97 TEST= 0
INDE 1 3 40 FOBS= 161.7 SIGMA= 0.7 PHAS= 48.4 FOM= 0.94 TEST= 0
INDE 1 3 42 FOBS= 33.9 SIGMA= 3.3 PHAS= -100.3 FOM= 0.66 TEST= 0
INDE 1 3 44 FOBS= 188.9 SIGMA= 0.7 PHAS= -59.5 FOM= 0.95 TEST= 0
INDE 1 3 46 FOBS= 63.3 SIGMA= 2.5 PHAS= 26.8 FOM= 0.41 TEST= 0
INDE 1 3 48 FOBS= 66.7 SIGMA= 2.5 PHAS= -51.1 FOM= 0.86 TEST= 0
INDE 1 3 50 FOBS= 152.9 SIGMA= 1.2 PHAS= -58.8 FOM= 0.87 TEST= 0
INDE 1 3 52 FOBS= 176.3 SIGMA= 1.0 PHAS= -96.9 FOM= 0.93 TEST= 0
INDE 1 3 54 FOBS= 109.4 SIGMA= 1.5 PHAS= 72.4 FOM= 0.65 TEST= 0
INDE 1 3 56 FOBS= 150.7 SIGMA= 1.1 PHAS= 87.8 FOM= 0.62 TEST= 0
INDE 1 3 58 FOBS= 93.7 SIGMA= 1.8 PHAS= -108.6 FOM= 0.90 TEST= 0
INDE 1 3 60 FOBS= 91.8 SIGMA= 1.8 PHAS= -2.4 FOM= 0.73 TEST= 0
INDE 1 3 62 FOBS= 102.9 SIGMA= 2.3 PHAS= -87.3 FOM= 0.91 TEST= 0
INDE 1 3 64 FOBS= 68.1 SIGMA= 4.8 PHAS= -169.3 FOM= 0.90 TEST= 0
INDE 1 3 66 FOBS= 107.6 SIGMA= 3.2 PHAS= -157.5 FOM= 0.91 TEST= 0
INDE 1 3 68 FOBS= 86.8 SIGMA= 3.8 PHAS= -82.2 FOM= 0.85 TEST= 0
INDE 1 4 19 FOBS= 188.1 SIGMA= 0.7 PHAS= 105.0 FOM= 0.93 TEST= 0
INDE 1 4 21 FOBS= 244.7 SIGMA= 0.7 PHAS= 109.9 FOM= 0.95 TEST= 0
INDE 1 4 23 FOBS= 150.4 SIGMA= 1.7 PHAS= -72.4 FOM= 0.68 TEST= 0
INDE 1 4 29 FOBS= 42.5 SIGMA= 2.7 PHAS= 170.3 FOM= 0.04 TEST= 0
INDE 1 4 31 FOBS= 121.5 SIGMA= 1.1 PHAS= -29.7 FOM= 0.99 TEST= 0
INDE 1 4 33 FOBS= 208.3 SIGMA= 0.8 PHAS= -21.6 FOM= 0.99 TEST= 0
INDE 1 4 35 FOBS= 353.5 SIGMA= 0.7 PHAS= 72.2 FOM= 0.99 TEST= 0
INDE 1 4 37 FOBS= 311.5 SIGMA= 0.7 PHAS= 68.6 FOM= 0.98 TEST= 0
INDE 1 4 39 FOBS= 219.4 SIGMA= 0.9 PHAS= 142.8 FOM= 0.92 TEST= 0
INDE 1 4 41 FOBS= 93.1 SIGMA= 2.0 PHAS= -1.7 FOM= 0.53 TEST= 0
INDE 1 4 43 FOBS= 166.5 SIGMA= 1.3 PHAS= -119.4 FOM= 0.97 TEST= 0
INDE 1 4 45 FOBS= 124.3 SIGMA= 1.3 PHAS= -156.2 FOM= 0.51 TEST= 0
INDE 1 4 47 FOBS= 126.4 SIGMA= 1.4 PHAS= -1.2 FOM= 0.47 TEST= 1
INDE 1 4 49 FOBS= 93.3 SIGMA= 1.9 PHAS= -44.0 FOM= 0.94 TEST= 0
INDE 1 4 51 FOBS= 125.1 SIGMA= 1.4 PHAS= 151.6 FOM= 0.89 TEST= 0
INDE 1 4 53 FOBS= 48.5 SIGMA= 3.5 PHAS= 133.6 FOM= 0.91 TEST= 0
INDE 1 4 55 FOBS= 44.2 SIGMA= 3.8 PHAS= 33.6 FOM= 0.48 TEST= 0
INDE 1 4 57 FOBS= 141.4 SIGMA= 1.2 PHAS= 132.9 FOM= 0.89 TEST= 0
INDE 1 4 59 FOBS= 66.0 SIGMA= 2.6 PHAS= -96.4 FOM= 0.69 TEST= 0
INDE 1 4 61 FOBS= 84.6 SIGMA= 1.9 PHAS= -130.3 FOM= 0.88 TEST= 0
INDE 1 4 63 FOBS= 0.0 SIGMA= 19.2 PHAS= 0.0 FOM= 0.00 TEST= 0

FIG. 12A - 25

INDE	1	4	65	FOBS=	40.0	SIGMA=	4.6	PHAS=	154.7	FOM=	0.06	TEST=	0
INDE	1	4	67	FOBS=	66.0	SIGMA=	5.2	PHAS=	-119.4	FOM=	0.87	TEST=	0
INDE	1	4	69	FOBS=	59.5	SIGMA=	5.8	PHAS=	-147.0	FOM=	0.77	TEST=	0
INDE	1	4	71	FOBS=	62.0	SIGMA=	5.4	PHAS=	-157.9	FOM=	0.12	TEST=	1
INDE	1	5	18	FOBS=	274.6	SIGMA=	0.6	PHAS=	22.5	FOM=	0.82	TEST=	0
INDE	1	5	20	FOBS=	379.9	SIGMA=	0.6	PHAS=	-23.0	FOM=	0.97	TEST=	0
INDE	1	5	22	FOBS=	87.2	SIGMA=	1.2	PHAS=	137.4	FOM=	0.80	TEST=	0
INDE	1	5	24	FOBS=	91.7	SIGMA=	1.2	PHAS=	-18.2	FOM=	0.94	TEST=	0
INDE	1	5	26	FOBS=	90.6	SIGMA=	1.3	PHAS=	-54.4	FOM=	0.99	TEST=	0
INDE	1	5	28	FOBS=	117.6	SIGMA=	1.1	PHAS=	18.1	FOM=	0.98	TEST=	0
INDE	1	5	30	FOBS=	89.9	SIGMA=	1.2	PHAS=	155.5	FOM=	0.98	TEST=	0
INDE	1	5	32	FOBS=	256.1	SIGMA=	0.9	PHAS=	-34.6	FOM=	0.96	TEST=	0
INDE	1	5	34	FOBS=	151.2	SIGMA=	0.8	PHAS=	-176.0	FOM=	0.78	TEST=	0
INDE	1	5	36	FOBS=	120.4	SIGMA=	1.2	PHAS=	-113.4	FOM=	0.98	TEST=	0
INDE	1	5	38	FOBS=	191.1	SIGMA=	1.0	PHAS=	70.1	FOM=	0.89	TEST=	0
INDE	1	5	40	FOBS=	128.2	SIGMA=	1.4	PHAS=	62.1	FOM=	0.92	TEST=	0
INDE	1	5	42	FOBS=	47.3	SIGMA=	3.8	PHAS=	-95.7	FOM=	0.30	TEST=	0
INDE	1	5	44	FOBS=	118.1	SIGMA=	1.7	PHAS=	-77.3	FOM=	0.47	TEST=	0
INDE	1	5	46	FOBS=	75.0	SIGMA=	2.2	PHAS=	-57.4	FOM=	0.85	TEST=	0
INDE	1	5	48	FOBS=	194.1	SIGMA=	1.0	PHAS=	-170.3	FOM=	0.94	TEST=	0
INDE	1	5	50	FOBS=	32.0	SIGMA=	5.4	PHAS=	-58.0	FOM=	0.73	TEST=	0
INDE	1	5	52	FOBS=	62.9	SIGMA=	2.8	PHAS=	10.7	FOM=	0.19	TEST=	0
INDE	1	5	54	FOBS=	156.9	SIGMA=	1.0	PHAS=	34.9	FOM=	0.93	TEST=	0
INDE	1	5	56	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	5	58	FOBS=	29.1	SIGMA=	5.1	PHAS=	1.1	FOM=	0.77	TEST=	0
INDE	1	5	60	FOBS=	30.6	SIGMA=	4.8	PHAS=	91.3	FOM=	0.42	TEST=	0
INDE	1	5	62	FOBS=	66.7	SIGMA=	2.2	PHAS=	-45.7	FOM=	0.82	TEST=	0
INDE	1	5	64	FOBS=	16.4	SIGMA=	10.6	PHAS=	81.7	FOM=	0.13	TEST=	1
INDE	1	5	66	FOBS=	84.0	SIGMA=	2.9	PHAS=	168.5	FOM=	0.91	TEST=	0
INDE	1	5	68	FOBS=	57.2	SIGMA=	4.3	PHAS=	-175.0	FOM=	0.30	TEST=	0
INDE	1	5	70	FOBS=	79.1	SIGMA=	4.6	PHAS=	-122.5	FOM=	0.87	TEST=	0
INDE	1	5	72	FOBS=	94.9	SIGMA=	3.8	PHAS=	-101.9	FOM=	0.87	TEST=	0
INDE	1	6	17	FOBS=	361.4	SIGMA=	0.5	PHAS=	-128.9	FOM=	0.93	TEST=	0
INDE	1	6	19	FOBS=	267.1	SIGMA=	0.6	PHAS=	-39.7	FOM=	0.93	TEST=	0
INDE	1	6	21	FOBS=	17.5	SIGMA=	5.3	PHAS=	-99.7	FOM=	0.66	TEST=	0
INDE	1	6	23	FOBS=	331.0	SIGMA=	0.6	PHAS=	-38.2	FOM=	0.98	TEST=	0
INDE	1	6	25	FOBS=	94.2	SIGMA=	1.2	PHAS=	117.8	FOM=	0.94	TEST=	0
INDE	1	6	27	FOBS=	99.9	SIGMA=	1.3	PHAS=	-136.1	FOM=	0.99	TEST=	1
INDE	1	6	29	FOBS=	103.0	SIGMA=	1.3	PHAS=	2.0	FOM=	0.96	TEST=	0
INDE	1	6	31	FOBS=	204.9	SIGMA=	1.0	PHAS=	68.1	FOM=	0.99	TEST=	0
INDE	1	6	33	FOBS=	71.1	SIGMA=	1.4	PHAS=	-167.5	FOM=	0.57	TEST=	0
INDE	1	6	35	FOBS=	231.8	SIGMA=	0.9	PHAS=	65.9	FOM=	0.96	TEST=	0
INDE	1	6	37	FOBS=	157.8	SIGMA=	0.9	PHAS=	166.0	FOM=	0.90	TEST=	0
INDE	1	6	39	FOBS=	205.0	SIGMA=	0.9	PHAS=	13.6	FOM=	0.31	TEST=	1
INDE	1	6	41	FOBS=	162.6	SIGMA=	1.0	PHAS=	142.2	FOM=	0.95	TEST=	0
INDE	1	6	43	FOBS=	228.2	SIGMA=	1.1	PHAS=	-122.7	FOM=	0.97	TEST=	0
INDE	1	6	45	FOBS=	172.8	SIGMA=	1.1	PHAS=	-127.0	FOM=	0.86	TEST=	0
INDE	1	6	47	FOBS=	101.3	SIGMA=	1.6	PHAS=	-32.3	FOM=	0.95	TEST=	0
INDE	1	6	49	FOBS=	179.4	SIGMA=	1.0	PHAS=	81.6	FOM=	0.95	TEST=	0
INDE	1	6	51	FOBS=	150.3	SIGMA=	1.1	PHAS=	166.8	FOM=	0.93	TEST=	0
INDE	1	6	53	FOBS=	33.3	SIGMA=	5.1	PHAS=	-55.0	FOM=	0.40	TEST=	0
INDE	1	6	55	FOBS=	164.6	SIGMA=	1.0	PHAS=	-47.7	FOM=	0.90	TEST=	0
INDE	1	6	57	FOBS=	119.0	SIGMA=	1.3	PHAS=	39.3	FOM=	0.85	TEST=	0
INDE	1	6	59	FOBS=	96.2	SIGMA=	1.5	PHAS=	-141.7	FOM=	0.82	TEST=	0
INDE	1	6	61	FOBS=	127.1	SIGMA=	1.2	PHAS=	-161.1	FOM=	0.96	TEST=	0
INDE	1	6	63	FOBS=	120.0	SIGMA=	1.5	PHAS=	-102.5	FOM=	0.77	TEST=	1
INDE	1	6	65	FOBS=	19.9	SIGMA=	9.4	PHAS=	-118.4	FOM=	0.23	TEST=	0
INDE	1	6	67	FOBS=	88.7	SIGMA=	2.9	PHAS=	-163.3	FOM=	0.89	TEST=	0
INDE	1	6	69	FOBS=	142.4	SIGMA=	1.9	PHAS=	164.5	FOM=	0.96	TEST=	0
INDE	1	6	71	FOBS=	53.2	SIGMA=	6.7	PHAS=	-176.7	FOM=	0.71	TEST=	0
INDE	1	6	73	FOBS=	10.3	SIGMA=	35.8	PHAS=	-121.9	FOM=	0.22	TEST=	0
INDE	1	6	75	FOBS=	13.9	SIGMA=	26.5	PHAS=	101.1	FOM=	0.20	TEST=	0
INDE	1	7	18	FOBS=	371.3	SIGMA=	0.5	PHAS=	-74.9	FOM=	0.97	TEST=	0
INDE	1	7	20	FOBS=	355.5	SIGMA=	0.5	PHAS=	-77.2	FOM=	0.97	TEST=	0
INDE	1	7	22	FOBS=	267.8	SIGMA=	0.6	PHAS=	-149.5	FOM=	0.97	TEST=	0
INDE	1	7	24	FOBS=	122.0	SIGMA=	1.0	PHAS=	9.1	FOM=	0.95	TEST=	1
INDE	1	7	26	FOBS=	64.2	SIGMA=	1.8	PHAS=	22.7	FOM=	0.86	TEST=	0
INDE	1	7	28	FOBS=	109.5	SIGMA=	1.2	PHAS=	151.4	FOM=	0.98	TEST=	0
INDE	1	7	30	FOBS=	135.8	SIGMA=	1.1	PHAS=	-154.6	FOM=	0.98	TEST=	0
INDE	1	7	32	FOBS=	196.1	SIGMA=	0.9	PHAS=	-33.8	FOM=	0.91	TEST=	0

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INDE	1	7	34	FOBS=	42.0	SIGMA=	2.9	PHAS=	-53.2	FOM=	0.39	TEST=	0
INDE	1	7	36	FOBS=	99.9	SIGMA=	1.2	PHAS=	-163.6	FOM=	0.93	TEST=	0
INDE	1	7	38	FOBS=	91.4	SIGMA=	1.4	PHAS=	68.1	FOM=	0.82	TEST=	0
INDE	1	7	40	FOBS=	243.0	SIGMA=	0.8	PHAS=	78.9	FOM=	0.92	TEST=	0
INDE	1	7	42	FOBS=	129.0	SIGMA=	1.2	PHAS=	83.5	FOM=	0.95	TEST=	1
INDE	1	7	44	FOBS=	148.2	SIGMA=	1.4	PHAS=	172.6	FOM=	0.95	TEST=	0
INDE	1	7	46	FOBS=	219.5	SIGMA=	1.1	PHAS=	-165.8	FOM=	0.97	TEST=	0
INDE	1	7	48	FOBS=	97.2	SIGMA=	1.8	PHAS=	20.8	FOM=	0.80	TEST=	0
INDE	1	7	50	FOBS=	59.6	SIGMA=	2.7	PHAS=	78.8	FOM=	0.68	TEST=	0
INDE	1	7	52	FOBS=	86.7	SIGMA=	1.9	PHAS=	179.1	FOM=	0.42	TEST=	0
INDE	1	7	54	FOBS=	106.3	SIGMA=	1.5	PHAS=	-44.3	FOM=	0.71	TEST=	0
INDE	1	7	56	FOBS=	99.0	SIGMA=	1.6	PHAS=	-111.2	FOM=	0.73	TEST=	0
INDE	1	7	58	FOBS=	34.2	SIGMA=	4.3	PHAS=	-33.6	FOM=	0.33	TEST=	0
INDE	1	7	60	FOBS=	51.3	SIGMA=	2.9	PHAS=	-179.1	FOM=	0.47	TEST=	0
INDE	1	7	62	FOBS=	111.8	SIGMA=	1.4	PHAS=	125.8	FOM=	0.91	TEST=	0
INDE	1	7	64	FOBS=	103.1	SIGMA=	1.8	PHAS=	177.9	FOM=	0.90	TEST=	1
INDE	1	7	66	FOBS=	76.8	SIGMA=	3.4	PHAS=	116.4	FOM=	0.42	TEST=	0
INDE	1	7	68	FOBS=	66.5	SIGMA=	3.9	PHAS=	82.0	FOM=	0.93	TEST=	0
INDE	1	7	70	FOBS=	28.2	SIGMA=	9.2	PHAS=	172.3	FOM=	0.14	TEST=	1
INDE	1	7	72	FOBS=	34.4	SIGMA=	7.5	PHAS=	-104.9	FOM=	0.56	TEST=	0
INDE	1	7	74	FOBS=	36.6	SIGMA=	10.3	PHAS=	-149.6	FOM=	0.64	TEST=	0
INDE	1	7	76	FOBS=	0.0	SIGMA=	27.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	8	17	FOBS=	131.8	SIGMA=	0.5	PHAS=	84.7	FOM=	0.81	TEST=	0
INDE	1	8	19	FOBS=	276.1	SIGMA=	0.5	PHAS=	-172.6	FOM=	0.76	TEST=	1
INDE	1	8	21	FOBS=	384.0	SIGMA=	0.6	PHAS=	103.7	FOM=	0.96	TEST=	0
INDE	1	8	23	FOBS=	291.7	SIGMA=	0.6	PHAS=	-44.8	FOM=	0.99	TEST=	0
INDE	1	8	25	FOBS=	136.4	SIGMA=	1.0	PHAS=	17.5	FOM=	0.96	TEST=	0
INDE	1	8	27	FOBS=	68.0	SIGMA=	1.8	PHAS=	-114.3	FOM=	0.89	TEST=	0
INDE	1	8	29	FOBS=	142.6	SIGMA=	1.2	PHAS=	77.4	FOM=	0.94	TEST=	0
INDE	1	8	31	FOBS=	28.6	SIGMA=	4.6	PHAS=	170.3	FOM=	0.83	TEST=	0
INDE	1	8	33	FOBS=	119.9	SIGMA=	1.3	PHAS=	-160.4	FOM=	0.90	TEST=	0
INDE	1	8	35	FOBS=	144.7	SIGMA=	1.2	PHAS=	79.3	FOM=	0.72	TEST=	0
INDE	1	8	37	FOBS=	154.9	SIGMA=	0.9	PHAS=	88.7	FOM=	0.64	TEST=	0
INDE	1	8	39	FOBS=	182.6	SIGMA=	1.0	PHAS=	-1.8	FOM=	0.97	TEST=	0
INDE	1	8	41	FOBS=	64.0	SIGMA=	2.3	PHAS=	-43.8	FOM=	0.84	TEST=	0
INDE	1	8	43	FOBS=	49.4	SIGMA=	3.5	PHAS=	-144.0	FOM=	0.82	TEST=	1
INDE	1	8	45	FOBS=	148.4	SIGMA=	1.4	PHAS=	13.7	FOM=	0.85	TEST=	0
INDE	1	8	47	FOBS=	105.4	SIGMA=	2.1	PHAS=	-13.3	FOM=	0.90	TEST=	1
INDE	1	8	49	FOBS=	128.8	SIGMA=	1.3	PHAS=	-22.1	FOM=	0.86	TEST=	0
INDE	1	8	51	FOBS=	100.8	SIGMA=	1.6	PHAS=	42.7	FOM=	0.79	TEST=	0
INDE	1	8	53	FOBS=	63.9	SIGMA=	2.6	PHAS=	103.1	FOM=	0.88	TEST=	0
INDE	1	8	55	FOBS=	117.2	SIGMA=	1.4	PHAS=	-131.2	FOM=	0.94	TEST=	0
INDE	1	8	57	FOBS=	134.9	SIGMA=	1.2	PHAS=	77.8	FOM=	0.92	TEST=	0
INDE	1	8	59	FOBS=	88.7	SIGMA=	1.7	PHAS=	162.2	FOM=	0.81	TEST=	0
INDE	1	8	61	FOBS=	89.1	SIGMA=	1.7	PHAS=	144.3	FOM=	0.83	TEST=	0
INDE	1	8	63	FOBS=	67.7	SIGMA=	2.7	PHAS=	-38.0	FOM=	0.94	TEST=	0
INDE	1	8	65	FOBS=	55.7	SIGMA=	3.8	PHAS=	-158.4	FOM=	0.49	TEST=	0
INDE	1	8	67	FOBS=	0.0	SIGMA=	22.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	8	69	FOBS=	29.7	SIGMA=	8.8	PHAS=	-71.1	FOM=	0.35	TEST=	0
INDE	1	8	71	FOBS=	85.7	SIGMA=	3.2	PHAS=	-138.0	FOM=	0.84	TEST=	0
INDE	1	8	73	FOBS=	53.3	SIGMA=	5.1	PHAS=	147.0	FOM=	0.55	TEST=	0
INDE	1	8	75	FOBS=	66.7	SIGMA=	4.1	PHAS=	114.0	FOM=	0.88	TEST=	0
INDE	1	8	77	FOBS=	78.0	SIGMA=	5.3	PHAS=	16.7	FOM=	0.90	TEST=	0
INDE	1	9	16	FOBS=	109.3	SIGMA=	0.5	PHAS=	142.5	FOM=	0.68	TEST=	0
INDE	1	9	18	FOBS=	202.2	SIGMA=	0.5	PHAS=	-11.8	FOM=	0.59	TEST=	1
INDE	1	9	20	FOBS=	42.5	SIGMA=	1.1	PHAS=	-118.8	FOM=	0.89	TEST=	0
INDE	1	9	22	FOBS=	449.2	SIGMA=	0.6	PHAS=	64.3	FOM=	0.99	TEST=	0
INDE	1	9	24	FOBS=	115.8	SIGMA=	0.8	PHAS=	136.9	FOM=	0.89	TEST=	0
INDE	1	9	26	FOBS=	129.6	SIGMA=	0.8	PHAS=	9.5	FOM=	0.98	TEST=	0
INDE	1	9	28	FOBS=	36.1	SIGMA=	3.3	PHAS=	39.8	FOM=	0.78	TEST=	1
INDE	1	9	30	FOBS=	171.1	SIGMA=	1.1	PHAS=	-160.1	FOM=	0.94	TEST=	0
INDE	1	9	32	FOBS=	85.0	SIGMA=	1.7	PHAS=	-12.8	FOM=	0.93	TEST=	0
INDE	1	9	34	FOBS=	71.8	SIGMA=	2.1	PHAS=	37.8	FOM=	0.91	TEST=	1
INDE	1	9	36	FOBS=	155.5	SIGMA=	1.2	PHAS=	-169.1	FOM=	0.94	TEST=	0
INDE	1	9	38	FOBS=	198.2	SIGMA=	0.9	PHAS=	-88.0	FOM=	0.93	TEST=	0
INDE	1	9	40	FOBS=	156.6	SIGMA=	1.0	PHAS=	-102.9	FOM=	0.95	TEST=	0
INDE	1	9	42	FOBS=	63.2	SIGMA=	2.5	PHAS=	-76.6	FOM=	0.78	TEST=	0
INDE	1	9	44	FOBS=	86.3	SIGMA=	2.2	PHAS=	-112.7	FOM=	0.88	TEST=	0
INDE	1	9	46	FOBS=	68.5	SIGMA=	3.0	PHAS=	-75.4	FOM=	0.73	TEST=	0
INDE	1	9	48	FOBS=	64.9	SIGMA=	3.4	PHAS=	-108.6	FOM=	0.85	TEST=	0

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INDE	1	9	50	FOBS=	109.4	SIGMA=	1.5	PHAS=	-154.5	FOM=	0.85	TEST=	0
INDE	1	9	52	FOBS=	188.5	SIGMA=	0.9	PHAS=	-40.1	FOM=	0.97	TEST=	0
INDE	1	9	54	FOBS=	183.0	SIGMA=	1.0	PHAS=	-33.1	FOM=	0.96	TEST=	0
INDE	1	9	56	FOBS=	82.8	SIGMA=	1.9	PHAS=	-135.1	FOM=	0.90	TEST=	0
INDE	1	9	58	FOBS=	150.0	SIGMA=	1.1	PHAS=	81.2	FOM=	0.93	TEST=	0
INDE	1	9	60	FOBS=	82.5	SIGMA=	1.9	PHAS=	74.8	FOM=	0.06	TEST=	1
INDE	1	9	62	FOBS=	110.8	SIGMA=	1.5	PHAS=	174.5	FOM=	0.93	TEST=	0
INDE	1	9	64	FOBS=	153.4	SIGMA=	1.3	PHAS=	-176.3	FOM=	0.95	TEST=	0
INDE	1	9	66	FOBS=	106.9	SIGMA=	2.6	PHAS=	53.1	FOM=	0.82	TEST=	0
INDE	1	9	68	FOBS=	16.5	SIGMA=	16.0	PHAS=	-112.4	FOM=	0.15	TEST=	0
INDE	1	9	70	FOBS=	52.7	SIGMA=	5.1	PHAS=	-122.2	FOM=	0.90	TEST=	0
INDE	1	9	72	FOBS=	38.0	SIGMA=	7.2	PHAS=	13.3	FOM=	0.77	TEST=	0
INDE	1	9	74	FOBS=	35.9	SIGMA=	7.7	PHAS=	32.1	FOM=	0.49	TEST=	0
INDE	1	9	76	FOBS=	115.5	SIGMA=	2.6	PHAS=	-17.4	FOM=	0.96	TEST=	0
INDE	1	10	15	FOBS=	143.4	SIGMA=	0.5	PHAS=	23.0	FOM=	0.90	TEST=	0
INDE	1	10	17	FOBS=	91.6	SIGMA=	0.6	PHAS=	-11.0	FOM=	0.92	TEST=	1
INDE	1	10	19	FOBS=	39.7	SIGMA=	1.2	PHAS=	140.9	FOM=	0.79	TEST=	0
INDE	1	10	21	FOBS=	204.4	SIGMA=	0.6	PHAS=	40.6	FOM=	0.50	TEST=	1
INDE	1	10	23	FOBS=	274.6	SIGMA=	0.4	PHAS=	43.4	FOM=	0.96	TEST=	0
INDE	1	10	25	FOBS=	227.2	SIGMA=	0.5	PHAS=	40.3	FOM=	0.68	TEST=	0
INDE	1	10	27	FOBS=	118.4	SIGMA=	0.9	PHAS=	-43.7	FOM=	0.99	TEST=	0
INDE	1	10	29	FOBS=	95.7	SIGMA=	1.3	PHAS=	166.6	FOM=	0.70	TEST=	1
INDE	1	10	31	FOBS=	115.2	SIGMA=	1.3	PHAS=	166.1	FOM=	0.96	TEST=	0
INDE	1	10	33	FOBS=	63.6	SIGMA=	2.3	PHAS=	-173.9	FOM=	0.44	TEST=	1
INDE	1	10	35	FOBS=	39.4	SIGMA=	4.0	PHAS=	-168.5	FOM=	0.41	TEST=	0
INDE	1	10	37	FOBS=	232.0	SIGMA=	1.0	PHAS=	141.8	FOM=	0.82	TEST=	0
INDE	1	10	39	FOBS=	145.8	SIGMA=	1.1	PHAS=	67.4	FOM=	0.84	TEST=	0
INDE	1	10	41	FOBS=	220.2	SIGMA=	0.8	PHAS=	-171.9	FOM=	0.97	TEST=	0
INDE	1	10	43	FOBS=	97.8	SIGMA=	1.9	PHAS=	148.0	FOM=	0.85	TEST=	0
INDE	1	10	45	FOBS=	126.6	SIGMA=	1.7	PHAS=	-18.6	FOM=	0.96	TEST=	0
INDE	1	10	47	FOBS=	61.9	SIGMA=	3.5	PHAS=	165.0	FOM=	0.43	TEST=	0
INDE	1	10	49	FOBS=	85.5	SIGMA=	2.4	PHAS=	-163.2	FOM=	0.92	TEST=	0
INDE	1	10	51	FOBS=	87.1	SIGMA=	1.9	PHAS=	-70.8	FOM=	0.78	TEST=	0
INDE	1	10	53	FOBS=	183.8	SIGMA=	1.0	PHAS=	-167.5	FOM=	0.95	TEST=	0
INDE	1	10	55	FOBS=	219.6	SIGMA=	0.9	PHAS=	-142.7	FOM=	0.96	TEST=	0
INDE	1	10	57	FOBS=	103.2	SIGMA=	1.5	PHAS=	35.2	FOM=	0.85	TEST=	0
INDE	1	10	59	FOBS=	127.3	SIGMA=	1.3	PHAS=	33.1	FOM=	0.93	TEST=	0
INDE	1	10	61	FOBS=	86.2	SIGMA=	1.8	PHAS=	80.7	FOM=	0.77	TEST=	0
INDE	1	10	63	FOBS=	124.3	SIGMA=	1.6	PHAS=	-28.1	FOM=	0.82	TEST=	0
INDE	1	10	65	FOBS=	138.9	SIGMA=	1.8	PHAS=	99.6	FOM=	0.24	TEST=	1
INDE	1	10	67	FOBS=	47.4	SIGMA=	5.7	PHAS=	-96.3	FOM=	0.62	TEST=	0
INDE	1	10	69	FOBS=	53.8	SIGMA=	5.1	PHAS=	14.3	FOM=	0.81	TEST=	0
INDE	1	10	71	FOBS=	109.0	SIGMA=	2.6	PHAS=	-140.8	FOM=	0.95	TEST=	0
INDE	1	10	73	FOBS=	89.3	SIGMA=	3.2	PHAS=	-89.8	FOM=	0.91	TEST=	0
INDE	1	10	75	FOBS=	55.7	SIGMA=	5.2	PHAS=	-176.1	FOM=	0.89	TEST=	0
INDE	1	10	77	FOBS=	59.1	SIGMA=	7.4	PHAS=	-78.2	FOM=	0.78	TEST=	0
INDE	1	11	16	FOBS=	187.9	SIGMA=	0.5	PHAS=	-170.5	FOM=	0.91	TEST=	0
INDE	1	11	18	FOBS=	237.2	SIGMA=	0.6	PHAS=	-59.8	FOM=	0.96	TEST=	0
INDE	1	11	20	FOBS=	157.9	SIGMA=	0.5	PHAS=	-58.2	FOM=	0.93	TEST=	0
INDE	1	11	22	FOBS=	47.0	SIGMA=	1.2	PHAS=	49.8	FOM=	0.87	TEST=	0
INDE	1	11	24	FOBS=	129.0	SIGMA=	0.6	PHAS=	-22.4	FOM=	0.99	TEST=	0
INDE	1	11	26	FOBS=	79.4	SIGMA=	0.7	PHAS=	-56.1	FOM=	0.98	TEST=	0
INDE	1	11	28	FOBS=	106.0	SIGMA=	0.7	PHAS=	131.4	FOM=	0.82	TEST=	0
INDE	1	11	30	FOBS=	211.4	SIGMA=	0.7	PHAS=	98.8	FOM=	0.95	TEST=	0
INDE	1	11	32	FOBS=	123.3	SIGMA=	1.3	PHAS=	19.8	FOM=	0.91	TEST=	0
INDE	1	11	34	FOBS=	135.4	SIGMA=	1.3	PHAS=	-130.0	FOM=	0.24	TEST=	1
INDE	1	11	36	FOBS=	143.5	SIGMA=	1.3	PHAS=	130.1	FOM=	0.94	TEST=	0
INDE	1	11	38	FOBS=	224.1	SIGMA=	1.0	PHAS=	-86.4	FOM=	0.96	TEST=	0
INDE	1	11	40	FOBS=	187.0	SIGMA=	1.1	PHAS=	-67.2	FOM=	0.95	TEST=	0
INDE	1	11	42	FOBS=	159.2	SIGMA=	1.1	PHAS=	94.7	FOM=	0.97	TEST=	0
INDE	1	11	44	FOBS=	125.4	SIGMA=	1.6	PHAS=	-128.3	FOM=	0.98	TEST=	0
INDE	1	11	46	FOBS=	188.4	SIGMA=	1.2	PHAS=	8.5	FOM=	0.93	TEST=	0
INDE	1	11	48	FOBS=	97.0	SIGMA=	2.3	PHAS=	123.1	FOM=	0.88	TEST=	0
INDE	1	11	50	FOBS=	279.1	SIGMA=	0.9	PHAS=	155.1	FOM=	0.94	TEST=	0
INDE	1	11	52	FOBS=	73.7	SIGMA=	2.3	PHAS=	-51.7	FOM=	0.64	TEST=	0
INDE	1	11	54	FOBS=	56.6	SIGMA=	3.0	PHAS=	-44.7	FOM=	0.33	TEST=	0
INDE	1	11	56	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	11	58	FOBS=	74.6	SIGMA=	2.1	PHAS=	128.5	FOM=	0.65	TEST=	0
INDE	1	11	60	FOBS=	46.4	SIGMA=	3.4	PHAS=	42.3	FOM=	0.52	TEST=	0
INDE	1	11	62	FOBS=	33.0	SIGMA=	4.7	PHAS=	-36.1	FOM=	0.47	TEST=	0

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INDE	1	11	64	FOBS=	124.3	SIGMA=	1.6	PHAS=	19.8	FOM=	0.84	TEST=	0
INDE	1	11	66	FOBS=	87.1	SIGMA=	3.3	PHAS=	-20.1	FOM=	0.27	TEST=	1
INDE	1	11	68	FOBS=	94.5	SIGMA=	3.0	PHAS=	-129.2	FOM=	0.92	TEST=	0
INDE	1	11	70	FOBS=	118.7	SIGMA=	2.4	PHAS=	-100.5	FOM=	0.95	TEST=	0
INDE	1	11	72	FOBS=	111.1	SIGMA=	2.6	PHAS=	-172.4	FOM=	0.92	TEST=	0
INDE	1	11	74	FOBS=	40.2	SIGMA=	10.0	PHAS=	94.2	FOM=	0.58	TEST=	0
INDE	1	11	76	FOBS=	92.5	SIGMA=	3.3	PHAS=	-103.7	FOM=	0.86	TEST=	0
INDE	1	12	15	FOBS=	237.6	SIGMA=	0.6	PHAS=	116.2	FOM=	0.79	TEST=	0
INDE	1	12	17	FOBS=	286.5	SIGMA=	0.5	PHAS=	146.5	FOM=	0.94	TEST=	0
INDE	1	12	19	FOBS=	144.3	SIGMA=	0.5	PHAS=	157.6	FOM=	0.93	TEST=	0
INDE	1	12	21	FOBS=	156.5	SIGMA=	0.5	PHAS=	-165.6	FOM=	0.88	TEST=	0
INDE	1	12	23	FOBS=	90.8	SIGMA=	0.8	PHAS=	-133.2	FOM=	0.99	TEST=	0
INDE	1	12	25	FOBS=	218.8	SIGMA=	0.6	PHAS=	-27.4	FOM=	0.95	TEST=	0
INDE	1	12	27	FOBS=	116.7	SIGMA=	0.5	PHAS=	50.3	FOM=	0.99	TEST=	0
INDE	1	12	29	FOBS=	60.4	SIGMA=	1.0	PHAS=	-80.6	FOM=	0.91	TEST=	0
INDE	1	12	31	FOBS=	64.9	SIGMA=	1.2	PHAS=	-6.8	FOM=	0.75	TEST=	0
INDE	1	12	33	FOBS=	140.6	SIGMA=	0.9	PHAS=	-90.0	FOM=	0.75	TEST=	0
INDE	1	12	35	FOBS=	178.4	SIGMA=	1.1	PHAS=	-126.7	FOM=	0.91	TEST=	0
INDE	1	12	37	FOBS=	351.8	SIGMA=	0.9	PHAS=	112.5	FOM=	0.99	TEST=	0
INDE	1	12	39	FOBS=	258.8	SIGMA=	1.0	PHAS=	-139.5	FOM=	0.91	TEST=	0
INDE	1	12	41	FOBS=	163.1	SIGMA=	1.2	PHAS=	-130.4	FOM=	0.89	TEST=	0
INDE	1	12	43	FOBS=	197.5	SIGMA=	1.2	PHAS=	58.6	FOM=	0.81	TEST=	0
INDE	1	12	45	FOBS=	74.1	SIGMA=	2.9	PHAS=	159.3	FOM=	0.49	TEST=	0
INDE	1	12	47	FOBS=	66.3	SIGMA=	3.4	PHAS=	72.1	FOM=	0.90	TEST=	0
INDE	1	12	49	FOBS=	392.9	SIGMA=	0.8	PHAS=	72.7	FOM=	0.98	TEST=	0
INDE	1	12	51	FOBS=	155.5	SIGMA=	1.4	PHAS=	-79.0	FOM=	0.91	TEST=	0
INDE	1	12	53	FOBS=	111.4	SIGMA=	1.6	PHAS=	138.0	FOM=	0.93	TEST=	1
INDE	1	12	55	FOBS=	92.6	SIGMA=	1.9	PHAS=	174.5	FOM=	0.90	TEST=	0
INDE	1	12	57	FOBS=	76.7	SIGMA=	2.1	PHAS=	83.7	FOM=	0.77	TEST=	0
INDE	1	12	59	FOBS=	123.6	SIGMA=	1.3	PHAS=	73.5	FOM=	0.94	TEST=	0
INDE	1	12	61	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	12	63	FOBS=	117.9	SIGMA=	1.7	PHAS=	-108.3	FOM=	0.90	TEST=	0
INDE	1	12	65	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	12	67	FOBS=	107.8	SIGMA=	2.7	PHAS=	-164.4	FOM=	0.92	TEST=	0
INDE	1	12	69	FOBS=	50.3	SIGMA=	5.6	PHAS=	104.3	FOM=	0.74	TEST=	0
INDE	1	12	71	FOBS=	87.6	SIGMA=	3.2	PHAS=	162.1	FOM=	0.96	TEST=	0
INDE	1	12	73	FOBS=	52.3	SIGMA=	7.8	PHAS=	66.7	FOM=	0.54	TEST=	0
INDE	1	12	75	FOBS=	133.9	SIGMA=	2.3	PHAS=	-140.4	FOM=	0.98	TEST=	0
INDE	1	13	14	FOBS=	94.6	SIGMA=	1.0	PHAS=	31.1	FOM=	0.83	TEST=	0
INDE	1	13	16	FOBS=	288.9	SIGMA=	0.5	PHAS=	46.6	FOM=	0.94	TEST=	0
INDE	1	13	18	FOBS=	275.3	SIGMA=	0.6	PHAS=	-40.8	FOM=	0.99	TEST=	0
INDE	1	13	20	FOBS=	90.5	SIGMA=	0.7	PHAS=	86.2	FOM=	0.94	TEST=	0
INDE	1	13	22	FOBS=	52.1	SIGMA=	1.1	PHAS=	58.9	FOM=	0.98	TEST=	0
INDE	1	13	24	FOBS=	67.1	SIGMA=	0.9	PHAS=	-137.2	FOM=	0.94	TEST=	0
INDE	1	13	26	FOBS=	11.8	SIGMA=	5.1	PHAS=	155.2	FOM=	0.57	TEST=	0
INDE	1	13	28	FOBS=	171.0	SIGMA=	0.7	PHAS=	-131.9	FOM=	0.99	TEST=	0
INDE	1	13	30	FOBS=	90.8	SIGMA=	0.8	PHAS=	131.8	FOM=	0.97	TEST=	0
INDE	1	13	32	FOBS=	276.9	SIGMA=	0.6	PHAS=	166.3	FOM=	0.95	TEST=	0
INDE	1	13	34	FOBS=	270.3	SIGMA=	0.6	PHAS=	127.7	FOM=	0.97	TEST=	1
INDE	1	13	36	FOBS=	164.1	SIGMA=	1.2	PHAS=	5.9	FOM=	0.98	TEST=	0
INDE	1	13	38	FOBS=	314.3	SIGMA=	1.0	PHAS=	-105.2	FOM=	0.95	TEST=	0
INDE	1	13	40	FOBS=	88.0	SIGMA=	2.5	PHAS=	-51.2	FOM=	0.86	TEST=	0
INDE	1	13	42	FOBS=	184.1	SIGMA=	1.2	PHAS=	147.0	FOM=	0.94	TEST=	0
INDE	1	13	44	FOBS=	123.6	SIGMA=	1.7	PHAS=	68.3	FOM=	0.87	TEST=	0
INDE	1	13	46	FOBS=	322.9	SIGMA=	1.3	PHAS=	-18.0	FOM=	0.97	TEST=	0
INDE	1	13	48	FOBS=	359.0	SIGMA=	1.2	PHAS=	-20.6	FOM=	0.98	TEST=	0
INDE	1	13	50	FOBS=	31.1	SIGMA=	7.2	PHAS=	-53.1	FOM=	0.15	TEST=	0
INDE	1	13	52	FOBS=	151.1	SIGMA=	1.4	PHAS=	92.9	FOM=	0.98	TEST=	0
INDE	1	13	54	FOBS=	43.7	SIGMA=	3.9	PHAS=	42.5	FOM=	0.86	TEST=	0
INDE	1	13	56	FOBS=	0.0	SIGMA=	17.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	13	58	FOBS=	55.7	SIGMA=	2.9	PHAS=	45.6	FOM=	0.90	TEST=	0
INDE	1	13	60	FOBS=	63.2	SIGMA=	2.5	PHAS=	-8.4	FOM=	0.54	TEST=	1
INDE	1	13	62	FOBS=	107.8	SIGMA=	1.5	PHAS=	151.7	FOM=	0.33	TEST=	1
INDE	1	13	64	FOBS=	97.4	SIGMA=	2.1	PHAS=	-143.4	FOM=	0.52	TEST=	1
INDE	1	13	66	FOBS=	58.6	SIGMA=	5.0	PHAS=	-87.6	FOM=	0.89	TEST=	0
INDE	1	13	68	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	13	70	FOBS=	40.0	SIGMA=	7.3	PHAS=	103.9	FOM=	0.54	TEST=	0
INDE	1	13	72	FOBS=	57.1	SIGMA=	5.1	PHAS=	60.6	FOM=	0.71	TEST=	0
INDE	1	13	74	FOBS=	99.1	SIGMA=	3.1	PHAS=	119.5	FOM=	0.93	TEST=	0
INDE	1	13	76	FOBS=	123.9	SIGMA=	2.6	PHAS=	130.6	FOM=	0.95	TEST=	0

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INDE	1	14	15	FOBS=	305.3	SIGMA=	0.7	PHAS=	-80.3	FOM=	0.94	TEST=	0
INDE	1	14	17	FOBS=	336.6	SIGMA=	0.7	PHAS=	-158.8	FOM=	0.95	TEST=	0
INDE	1	14	19	FOBS=	164.0	SIGMA=	0.6	PHAS=	-177.8	FOM=	0.93	TEST=	0
INDE	1	14	21	FOBS=	85.2	SIGMA=	0.8	PHAS=	146.9	FOM=	0.91	TEST=	0
INDE	1	14	23	FOBS=	199.9	SIGMA=	0.6	PHAS=	-133.2	FOM=	0.94	TEST=	0
INDE	1	14	25	FOBS=	168.4	SIGMA=	0.5	PHAS=	-75.1	FOM=	0.84	TEST=	0
INDE	1	14	27	FOBS=	268.3	SIGMA=	0.6	PHAS=	95.6	FOM=	0.98	TEST=	0
INDE	1	14	29	FOBS=	93.8	SIGMA=	0.7	PHAS=	157.8	FOM=	0.97	TEST=	0
INDE	1	14	31	FOBS=	47.1	SIGMA=	1.4	PHAS=	-58.0	FOM=	0.60	TEST=	0
INDE	1	14	33	FOBS=	143.6	SIGMA=	0.7	PHAS=	34.4	FOM=	0.96	TEST=	1
INDE	1	14	35	FOBS=	236.7	SIGMA=	0.8	PHAS=	125.8	FOM=	0.97	TEST=	0
INDE	1	14	37	FOBS=	371.7	SIGMA=	0.9	PHAS=	-168.4	FOM=	0.99	TEST=	0
INDE	1	14	39	FOBS=	360.6	SIGMA=	0.9	PHAS=	-141.1	FOM=	0.98	TEST=	0
INDE	1	14	41	FOBS=	80.5	SIGMA=	2.8	PHAS=	-51.7	FOM=	0.95	TEST=	0
INDE	1	14	43	FOBS=	229.1	SIGMA=	1.4	PHAS=	31.2	FOM=	0.94	TEST=	0
INDE	1	14	45	FOBS=	177.1	SIGMA=	1.3	PHAS=	-52.4	FOM=	0.95	TEST=	0
INDE	1	14	47	FOBS=	384.6	SIGMA=	1.1	PHAS=	-121.1	FOM=	0.96	TEST=	0
INDE	1	14	49	FOBS=	63.6	SIGMA=	3.3	PHAS=	122.3	FOM=	0.91	TEST=	0
INDE	1	14	51	FOBS=	231.8	SIGMA=	1.0	PHAS=	-66.0	FOM=	0.93	TEST=	1
INDE	1	14	53	FOBS=	81.2	SIGMA=	2.4	PHAS=	10.8	FOM=	0.91	TEST=	0
INDE	1	14	55	FOBS=	20.8	SIGMA=	8.2	PHAS=	11.9	FOM=	0.13	TEST=	0
INDE	1	14	57	FOBS=	61.4	SIGMA=	2.6	PHAS=	-150.3	FOM=	0.19	TEST=	1
INDE	1	14	59	FOBS=	72.9	SIGMA=	2.2	PHAS=	-55.9	FOM=	0.54	TEST=	0
INDE	1	14	61	FOBS=	0.0	SIGMA=	17.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	14	63	FOBS=	134.5	SIGMA=	1.2	PHAS=	104.7	FOM=	0.94	TEST=	0
INDE	1	14	65	FOBS=	83.0	SIGMA=	3.6	PHAS=	102.9	FOM=	0.95	TEST=	0
INDE	1	14	67	FOBS=	35.7	SIGMA=	8.3	PHAS=	-156.6	FOM=	0.63	TEST=	0
INDE	1	14	69	FOBS=	68.7	SIGMA=	4.3	PHAS=	138.6	FOM=	0.76	TEST=	0
INDE	1	14	71	FOBS=	61.4	SIGMA=	4.8	PHAS=	16.0	FOM=	0.88	TEST=	0
INDE	1	14	73	FOBS=	31.9	SIGMA=	13.0	PHAS=	148.3	FOM=	0.08	TEST=	1
INDE	1	14	75	FOBS=	63.3	SIGMA=	6.9	PHAS=	110.0	FOM=	0.89	TEST=	0
INDE	1	15	16	FOBS=	209.1	SIGMA=	0.7	PHAS=	124.7	FOM=	0.92	TEST=	0
INDE	1	15	18	FOBS=	193.8	SIGMA=	0.8	PHAS=	79.2	FOM=	0.89	TEST=	0
INDE	1	15	20	FOBS=	273.1	SIGMA=	0.5	PHAS=	28.1	FOM=	0.47	TEST=	1
INDE	1	15	22	FOBS=	171.6	SIGMA=	0.5	PHAS=	78.7	FOM=	0.92	TEST=	1
INDE	1	15	24	FOBS=	136.6	SIGMA=	0.6	PHAS=	174.7	FOM=	0.98	TEST=	0
INDE	1	15	26	FOBS=	144.6	SIGMA=	0.6	PHAS=	23.4	FOM=	0.99	TEST=	0
INDE	1	15	28	FOBS=	58.2	SIGMA=	1.0	PHAS=	-26.0	FOM=	0.98	TEST=	1
INDE	1	15	30	FOBS=	154.2	SIGMA=	0.6	PHAS=	-13.4	FOM=	0.89	TEST=	0
INDE	1	15	32	FOBS=	232.1	SIGMA=	0.5	PHAS=	174.9	FOM=	0.98	TEST=	0
INDE	1	15	34	FOBS=	293.5	SIGMA=	0.6	PHAS=	73.7	FOM=	0.93	TEST=	0
INDE	1	15	36	FOBS=	341.0	SIGMA=	0.7	PHAS=	14.0	FOM=	0.95	TEST=	0
INDE	1	15	38	FOBS=	178.4	SIGMA=	0.9	PHAS=	-171.3	FOM=	0.96	TEST=	0
INDE	1	15	40	FOBS=	173.3	SIGMA=	1.4	PHAS=	2.9	FOM=	0.83	TEST=	0
INDE	1	15	42	FOBS=	173.1	SIGMA=	1.5	PHAS=	-155.3	FOM=	0.96	TEST=	0
INDE	1	15	44	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	15	46	FOBS=	217.9	SIGMA=	1.7	PHAS=	10.7	FOM=	0.88	TEST=	0
INDE	1	15	48	FOBS=	163.6	SIGMA=	1.8	PHAS=	26.8	FOM=	0.72	TEST=	0
INDE	1	15	50	FOBS=	63.1	SIGMA=	3.3	PHAS=	-153.0	FOM=	0.56	TEST=	0
INDE	1	15	52	FOBS=	106.7	SIGMA=	2.0	PHAS=	129.9	FOM=	0.83	TEST=	0
INDE	1	15	54	FOBS=	83.1	SIGMA=	2.1	PHAS=	-129.1	FOM=	0.79	TEST=	0
INDE	1	15	56	FOBS=	103.6	SIGMA=	1.6	PHAS=	-35.9	FOM=	0.90	TEST=	0
INDE	1	15	58	FOBS=	82.7	SIGMA=	2.0	PHAS=	120.2	FOM=	0.69	TEST=	1
INDE	1	15	60	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	15	62	FOBS=	93.8	SIGMA=	1.8	PHAS=	-46.7	FOM=	0.73	TEST=	0
INDE	1	15	64	FOBS=	127.5	SIGMA=	2.1	PHAS=	2.2	FOM=	0.96	TEST=	0
INDE	1	15	66	FOBS=	93.7	SIGMA=	3.3	PHAS=	-40.9	FOM=	0.94	TEST=	0
INDE	1	15	68	FOBS=	64.0	SIGMA=	4.7	PHAS=	40.7	FOM=	0.82	TEST=	0
INDE	1	15	70	FOBS=	57.3	SIGMA=	5.2	PHAS=	-94.7	FOM=	0.82	TEST=	0
INDE	1	15	72	FOBS=	85.3	SIGMA=	3.6	PHAS=	-177.9	FOM=	0.78	TEST=	0
INDE	1	15	74	FOBS=	51.8	SIGMA=	8.6	PHAS=	50.4	FOM=	0.93	TEST=	0
INDE	1	15	76	FOBS=	29.5	SIGMA=	10.6	PHAS=	-129.8	FOM=	0.59	TEST=	0
INDE	1	16	15	FOBS=	308.2	SIGMA=	1.3	PHAS=	137.5	FOM=	0.90	TEST=	0
INDE	1	16	17	FOBS=	30.0	SIGMA=	3.4	PHAS=	38.1	FOM=	0.76	TEST=	0
INDE	1	16	19	FOBS=	271.4	SIGMA=	0.7	PHAS=	-40.9	FOM=	0.96	TEST=	0
INDE	1	16	21	FOBS=	116.2	SIGMA=	0.6	PHAS=	42.2	FOM=	0.97	TEST=	0
INDE	1	16	23	FOBS=	32.8	SIGMA=	2.1	PHAS=	116.6	FOM=	0.98	TEST=	0
INDE	1	16	25	FOBS=	214.3	SIGMA=	0.5	PHAS=	-88.0	FOM=	0.98	TEST=	0
INDE	1	16	27	FOBS=	110.0	SIGMA=	0.7	PHAS=	-34.9	FOM=	0.99	TEST=	0
INDE	1	16	29	FOBS=	49.0	SIGMA=	1.3	PHAS=	-175.7	FOM=	0.98	TEST=	0

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INDE	1	16	31	FOBS=	147.5	SIGMA=	0.5	PHAS=	-141.5	FOM=	0.99	TEST=	0
INDE	1	16	33	FOBS=	75.7	SIGMA=	1.1	PHAS=	-48.7	FOM=	0.98	TEST=	0
INDE	1	16	35	FOBS=	356.7	SIGMA=	0.7	PHAS=	65.6	FOM=	0.97	TEST=	0
INDE	1	16	37	FOBS=	407.5	SIGMA=	0.7	PHAS=	-163.1	FOM=	0.99	TEST=	0
INDE	1	16	39	FOBS=	183.0	SIGMA=	1.0	PHAS=	-132.6	FOM=	0.94	TEST=	0
INDE	1	16	41	FOBS=	136.4	SIGMA=	1.6	PHAS=	-173.7	FOM=	0.91	TEST=	0
INDE	1	16	43	FOBS=	85.1	SIGMA=	3.0	PHAS=	143.9	FOM=	0.77	TEST=	0
INDE	1	16	45	FOBS=	187.8	SIGMA=	1.3	PHAS=	-35.3	FOM=	0.92	TEST=	0
INDE	1	16	47	FOBS=	231.8	SIGMA=	1.2	PHAS=	-122.6	FOM=	0.96	TEST=	0
INDE	1	16	49	FOBS=	140.2	SIGMA=	1.6	PHAS=	29.8	FOM=	0.81	TEST=	0
INDE	1	16	51	FOBS=	106.8	SIGMA=	2.0	PHAS=	-40.9	FOM=	0.73	TEST=	0
INDE	1	16	53	FOBS=	122.0	SIGMA=	1.7	PHAS=	48.9	FOM=	0.89	TEST=	0
INDE	1	16	55	FOBS=	131.8	SIGMA=	1.4	PHAS=	63.5	FOM=	0.94	TEST=	0
INDE	1	16	57	FOBS=	37.8	SIGMA=	4.5	PHAS=	-111.0	FOM=	0.43	TEST=	0
INDE	1	16	59	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	16	61	FOBS=	166.1	SIGMA=	1.1	PHAS=	-150.0	FOM=	0.93	TEST=	0
INDE	1	16	63	FOBS=	2.9	SIGMA=	63.1	PHAS=	-45.1	FOM=	0.01	TEST=	0
INDE	1	16	65	FOBS=	77.3	SIGMA=	4.0	PHAS=	-75.5	FOM=	0.89	TEST=	0
INDE	1	16	67	FOBS=	53.2	SIGMA=	5.7	PHAS=	-95.6	FOM=	0.73	TEST=	0
INDE	1	16	69	FOBS=	80.2	SIGMA=	3.9	PHAS=	-96.4	FOM=	0.82	TEST=	0
INDE	1	16	71	FOBS=	49.1	SIGMA=	6.1	PHAS=	-2.9	FOM=	0.16	TEST=	1
INDE	1	16	73	FOBS=	32.0	SIGMA=	9.6	PHAS=	-27.1	FOM=	0.41	TEST=	0
INDE	1	16	75	FOBS=	60.2	SIGMA=	5.3	PHAS=	105.6	FOM=	0.84	TEST=	0
INDE	1	17	16	FOBS=	210.4	SIGMA=	1.5	PHAS=	81.9	FOM=	0.99	TEST=	0
INDE	1	17	18	FOBS=	238.5	SIGMA=	0.7	PHAS=	-139.3	FOM=	0.93	TEST=	0
INDE	1	17	20	FOBS=	97.9	SIGMA=	0.9	PHAS=	-136.2	FOM=	0.98	TEST=	0
INDE	1	17	22	FOBS=	54.1	SIGMA=	1.4	PHAS=	34.9	FOM=	0.99	TEST=	1
INDE	1	17	24	FOBS=	140.7	SIGMA=	0.6	PHAS=	75.2	FOM=	0.34	TEST=	1
INDE	1	17	26	FOBS=	192.9	SIGMA=	0.6	PHAS=	157.6	FOM=	0.98	TEST=	0
INDE	1	17	28	FOBS=	72.2	SIGMA=	1.0	PHAS=	-119.7	FOM=	0.96	TEST=	0
INDE	1	17	30	FOBS=	104.5	SIGMA=	0.7	PHAS=	-30.1	FOM=	0.98	TEST=	0
INDE	1	17	32	FOBS=	205.6	SIGMA=	0.7	PHAS=	108.2	FOM=	0.87	TEST=	0
INDE	1	17	34	FOBS=	394.9	SIGMA=	0.5	PHAS=	-9.3	FOM=	0.97	TEST=	0
INDE	1	17	36	FOBS=	205.4	SIGMA=	0.9	PHAS=	16.3	FOM=	0.97	TEST=	0
INDE	1	17	38	FOBS=	296.6	SIGMA=	0.7	PHAS=	-162.1	FOM=	0.92	TEST=	0
INDE	1	17	40	FOBS=	133.6	SIGMA=	1.3	PHAS=	77.1	FOM=	0.80	TEST=	0
INDE	1	17	42	FOBS=	44.2	SIGMA=	4.1	PHAS=	150.0	FOM=	0.59	TEST=	0
INDE	1	17	44	FOBS=	96.8	SIGMA=	3.3	PHAS=	8.3	FOM=	0.07	TEST=	1
INDE	1	17	46	FOBS=	185.7	SIGMA=	1.4	PHAS=	4.6	FOM=	0.89	TEST=	0
INDE	1	17	48	FOBS=	230.0	SIGMA=	1.1	PHAS=	-137.7	FOM=	0.93	TEST=	0
INDE	1	17	50	FOBS=	116.5	SIGMA=	1.9	PHAS=	-93.3	FOM=	0.84	TEST=	0
INDE	1	17	52	FOBS=	48.7	SIGMA=	4.2	PHAS=	115.6	FOM=	0.52	TEST=	0
INDE	1	17	54	FOBS=	202.9	SIGMA=	1.2	PHAS=	-42.2	FOM=	0.96	TEST=	0
INDE	1	17	56	FOBS=	121.7	SIGMA=	1.4	PHAS=	-14.9	FOM=	0.96	TEST=	0
INDE	1	17	58	FOBS=	45.6	SIGMA=	3.7	PHAS=	155.2	FOM=	0.70	TEST=	0
INDE	1	17	60	FOBS=	34.1	SIGMA=	5.6	PHAS=	20.9	FOM=	0.46	TEST=	0
INDE	1	17	62	FOBS=	72.4	SIGMA=	2.3	PHAS=	54.6	FOM=	0.29	TEST=	0
INDE	1	17	64	FOBS=	113.8	SIGMA=	2.8	PHAS=	-52.5	FOM=	0.92	TEST=	0
INDE	1	17	66	FOBS=	149.6	SIGMA=	2.2	PHAS=	-112.1	FOM=	0.95	TEST=	0
INDE	1	17	68	FOBS=	0.0	SIGMA=	24.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	17	70	FOBS=	27.7	SIGMA=	11.1	PHAS=	-138.7	FOM=	0.56	TEST=	0
INDE	1	17	72	FOBS=	38.5	SIGMA=	7.9	PHAS=	-24.1	FOM=	0.44	TEST=	0
INDE	1	17	74	FOBS=	114.4	SIGMA=	2.8	PHAS=	50.5	FOM=	0.95	TEST=	0
INDE	1	18	1	FOBS=	372.3	SIGMA=	0.4	PHAS=	-93.9	FOM=	0.98	TEST=	0
INDE	1	18	3	FOBS=	153.0	SIGMA=	0.4	PHAS=	-142.0	FOM=	0.93	TEST=	0
INDE	1	18	5	FOBS=	256.9	SIGMA=	0.5	PHAS=	-172.2	FOM=	0.96	TEST=	0
INDE	1	18	17	FOBS=	144.4	SIGMA=	1.1	PHAS=	56.0	FOM=	0.92	TEST=	0
INDE	1	18	19	FOBS=	187.3	SIGMA=	0.8	PHAS=	119.2	FOM=	0.90	TEST=	0
INDE	1	18	21	FOBS=	142.3	SIGMA=	0.8	PHAS=	-152.3	FOM=	0.98	TEST=	0
INDE	1	18	23	FOBS=	22.3	SIGMA=	3.9	PHAS=	-64.4	FOM=	0.49	TEST=	1
INDE	1	18	25	FOBS=	180.1	SIGMA=	0.6	PHAS=	11.2	FOM=	0.97	TEST=	0
INDE	1	18	27	FOBS=	182.0	SIGMA=	0.7	PHAS=	7.7	FOM=	0.96	TEST=	0
INDE	1	18	29	FOBS=	121.7	SIGMA=	0.7	PHAS=	-93.8	FOM=	0.98	TEST=	0
INDE	1	18	31	FOBS=	198.1	SIGMA=	0.8	PHAS=	-161.4	FOM=	0.91	TEST=	0
INDE	1	18	33	FOBS=	362.1	SIGMA=	0.7	PHAS=	-99.8	FOM=	0.97	TEST=	0
INDE	1	18	35	FOBS=	271.6	SIGMA=	0.5	PHAS=	95.8	FOM=	0.93	TEST=	0
INDE	1	18	37	FOBS=	174.3	SIGMA=	1.1	PHAS=	171.8	FOM=	0.12	TEST=	1
INDE	1	18	39	FOBS=	110.0	SIGMA=	1.1	PHAS=	23.5	FOM=	0.91	TEST=	1
INDE	1	18	41	FOBS=	155.9	SIGMA=	1.3	PHAS=	79.1	FOM=	0.96	TEST=	0
INDE	1	18	43	FOBS=	101.2	SIGMA=	2.0	PHAS=	-99.5	FOM=	0.95	TEST=	0

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INDE 1 18 45 FOBS= 177.1 SIGMA= 2.1 PHAS= -115.6 FOM= 0.12 TEST= 1
INDE 1 18 47 FOBS= 195.4 SIGMA= 1.3 PHAS= 162.4 FOM= 0.96 TEST= 0
INDE 1 18 49 FOBS= 98.6 SIGMA= 2.2 PHAS= -80.2 FOM= 0.64 TEST= 0
INDE 1 18 51 FOBS= 151.9 SIGMA= 1.5 PHAS= 121.5 FOM= 0.90 TEST= 0
INDE 1 18 53 FOBS= 54.3 SIGMA= 3.8 PHAS= -124.6 FOM= 0.50 TEST= 0
INDE 1 18 55 FOBS= 109.8 SIGMA= 2.0 PHAS= -99.2 FOM= 0.91 TEST= 0
INDE 1 18 57 FOBS= 118.3 SIGMA= 1.5 PHAS= 124.1 FOM= 0.56 TEST= 0
INDE 1 18 59 FOBS= 58.5 SIGMA= 2.8 PHAS= -6.2 FOM= 0.78 TEST= 0
INDE 1 18 61 FOBS= 157.1 SIGMA= 1.2 PHAS= -73.8 FOM= 0.60 TEST= 1
INDE 1 18 63 FOBS= 9.3 SIGMA= 22.8 PHAS= 76.0 FOM= 0.06 TEST= 0
INDE 1 18 65 FOBS= 88.1 SIGMA= 3.6 PHAS= 107.9 FOM= 0.94 TEST= 0
INDE 1 18 67 FOBS= 41.5 SIGMA= 7.5 PHAS= -139.1 FOM= 0.52 TEST= 0
INDE 1 18 69 FOBS= 87.3 SIGMA= 3.6 PHAS= 166.1 FOM= 0.64 TEST= 0
INDE 1 18 71 FOBS= 37.3 SIGMA= 8.4 PHAS= -89.0 FOM= 0.67 TEST= 0
INDE 1 18 73 FOBS= 39.7 SIGMA= 7.9 PHAS= -104.2 FOM= 0.71 TEST= 1
INDE 1 18 75 FOBS= 74.6 SIGMA= 4.4 PHAS= 10.6 FOM= 0.90 TEST= 0
INDE 1 19 2 FOBS= 235.9 SIGMA= 0.5 PHAS= -126.7 FOM= 0.63 TEST= 0
INDE 1 19 4 FOBS= 34.9 SIGMA= 2.1 PHAS= 176.3 FOM= 0.87 TEST= 0
INDE 1 19 6 FOBS= 92.4 SIGMA= 1.0 PHAS= 168.0 FOM= 0.72 TEST= 0
INDE 1 19 18 FOBS= 137.7 SIGMA= 1.0 PHAS= 44.2 FOM= 0.97 TEST= 0
INDE 1 19 20 FOBS= 203.4 SIGMA= 0.8 PHAS= 62.6 FOM= 0.98 TEST= 0
INDE 1 19 22 FOBS= 168.2 SIGMA= 0.7 PHAS= 77.2 FOM= 0.99 TEST= 0
INDE 1 19 24 FOBS= 99.1 SIGMA= 1.0 PHAS= 47.2 FOM= 0.90 TEST= 0
INDE 1 19 26 FOBS= 49.6 SIGMA= 1.6 PHAS= 77.0 FOM= 0.97 TEST= 0
INDE 1 19 28 FOBS= 192.8 SIGMA= 0.5 PHAS= -156.2 FOM= 0.95 TEST= 0
INDE 1 19 30 FOBS= 88.0 SIGMA= 0.9 PHAS= -142.8 FOM= 0.80 TEST= 0
INDE 1 19 32 FOBS= 253.9 SIGMA= 0.7 PHAS= 117.9 FOM= 0.97 TEST= 0
INDE 1 19 34 FOBS= 72.0 SIGMA= 1.9 PHAS= 73.1 FOM= 0.88 TEST= 1
INDE 1 19 36 FOBS= 263.7 SIGMA= 0.6 PHAS= 21.3 FOM= 0.94 TEST= 0
INDE 1 19 38 FOBS= 67.3 SIGMA= 1.4 PHAS= -70.9 FOM= 0.91 TEST= 0
INDE 1 19 40 FOBS= 119.2 SIGMA= 1.0 PHAS= 140.1 FOM= 0.87 TEST= 0
INDE 1 19 42 FOBS= 61.9 SIGMA= 3.1 PHAS= 164.5 FOM= 0.89 TEST= 0
INDE 1 19 44 FOBS= 79.7 SIGMA= 2.6 PHAS= -4.2 FOM= 0.96 TEST= 0
INDE 1 19 46 FOBS= 367.0 SIGMA= 1.2 PHAS= 11.9 FOM= 0.97 TEST= 0
INDE 1 19 48 FOBS= 100.7 SIGMA= 2.4 PHAS= 173.9 FOM= 0.91 TEST= 0
INDE 1 19 50 FOBS= 190.6 SIGMA= 1.5 PHAS= 49.3 FOM= 0.94 TEST= 0
INDE 1 19 52 FOBS= 68.4 SIGMA= 3.0 PHAS= -61.5 FOM= 0.84 TEST= 0
INDE 1 19 54 FOBS= 58.0 SIGMA= 3.8 PHAS= -39.3 FOM= 0.71 TEST= 0
INDE 1 19 56 FOBS= 49.5 SIGMA= 3.7 PHAS= 129.2 FOM= 0.65 TEST= 0
INDE 1 19 58 FOBS= 74.9 SIGMA= 2.3 PHAS= 125.2 FOM= 0.79 TEST= 0
INDE 1 19 60 FOBS= 42.1 SIGMA= 4.0 PHAS= 141.8 FOM= 0.51 TEST= 0
INDE 1 19 62 FOBS= 45.2 SIGMA= 3.7 PHAS= 164.6 FOM= 0.26 TEST= 0
INDE 1 19 64 FOBS= 87.1 SIGMA= 3.7 PHAS= -30.5 FOM= 0.86 TEST= 0
INDE 1 19 66 FOBS= 80.7 SIGMA= 4.0 PHAS= -122.0 FOM= 0.91 TEST= 0
INDE 1 19 68 FOBS= 96.7 SIGMA= 3.3 PHAS= 177.5 FOM= 0.87 TEST= 0
INDE 1 19 70 FOBS= 87.7 SIGMA= 3.7 PHAS= 123.7 FOM= 0.87 TEST= 0
INDE 1 19 72 FOBS= 50.2 SIGMA= 6.4 PHAS= 49.9 FOM= 0.51 TEST= 0
INDE 1 19 74 FOBS= 43.9 SIGMA= 7.2 PHAS= -130.4 FOM= 0.73 TEST= 0
INDE 1 20 1 FOBS= 66.0 SIGMA= 1.1 PHAS= 90.0 FOM= 0.83 TEST= 0
INDE 1 20 3 FOBS= 226.4 SIGMA= 0.5 PHAS= 159.1 FOM= 0.90 TEST= 0
INDE 1 20 5 FOBS= 123.6 SIGMA= 0.5 PHAS= 169.0 FOM= 0.84 TEST= 0
INDE 1 20 7 FOBS= 142.8 SIGMA= 0.8 PHAS= 175.2 FOM= 0.66 TEST= 0
INDE 1 20 19 FOBS= 118.6 SIGMA= 1.2 PHAS= -102.6 FOM= 0.98 TEST= 0
INDE 1 20 21 FOBS= 98.5 SIGMA= 1.0 PHAS= -22.5 FOM= 0.80 TEST= 0
INDE 1 20 23 FOBS= 127.4 SIGMA= 0.9 PHAS= -75.5 FOM= 0.95 TEST= 0
INDE 1 20 25 FOBS= 137.4 SIGMA= 0.8 PHAS= -31.9 FOM= 0.96 TEST= 0
INDE 1 20 27 FOBS= 272.5 SIGMA= 0.5 PHAS= 21.7 FOM= 0.85 TEST= 0
INDE 1 20 29 FOBS= 80.7 SIGMA= 1.1 PHAS= -17.1 FOM= 0.96 TEST= 0
INDE 1 20 31 FOBS= 89.6 SIGMA= 0.9 PHAS= -92.0 FOM= 0.56 TEST= 1
INDE 1 20 33 FOBS= 0.0 SIGMA= 15.3 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 1 20 35 FOBS= 71.3 SIGMA= 2.1 PHAS= 22.4 FOM= 0.89 TEST= 1
INDE 1 20 37 FOBS= 426.5 SIGMA= 0.5 PHAS= -26.4 FOM= 0.95 TEST= 0
INDE 1 20 39 FOBS= 149.6 SIGMA= 0.7 PHAS= 39.1 FOM= 0.87 TEST= 0
INDE 1 20 41 FOBS= 215.9 SIGMA= 0.7 PHAS= 113.8 FOM= 0.95 TEST= 0
INDE 1 20 43 FOBS= 227.6 SIGMA= 0.8 PHAS= -123.1 FOM= 0.93 TEST= 0
INDE 1 20 45 FOBS= 324.7 SIGMA= 0.9 PHAS= -122.6 FOM= 0.97 TEST= 0
INDE 1 20 47 FOBS= 121.1 SIGMA= 2.0 PHAS= -102.8 FOM= 0.69 TEST= 1
INDE 1 20 49 FOBS= 144.8 SIGMA= 1.6 PHAS= 4.8 FOM= 0.93 TEST= 0
INDE 1 20 51 FOBS= 75.4 SIGMA= 2.8 PHAS= -130.7 FOM= 0.62 TEST= 0
INDE 1 20 53 FOBS= 0.0 SIGMA= 21.1 PHAS= 0.0 FOM= 0.00 TEST= 0

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INDE	1	20	55	FOBS=	67.9	SIGMA=	3.2	PHAS=	-38.9	FOM=	0.49	TEST=	0
INDE	1	20	57	FOBS=	13.8	SIGMA=	12.3	PHAS=	-146.1	FOM=	0.28	TEST=	0
INDE	1	20	59	FOBS=	117.3	SIGMA=	1.5	PHAS=	6.2	FOM=	0.94	TEST=	0
INDE	1	20	61	FOBS=	51.1	SIGMA=	3.3	PHAS=	-67.8	FOM=	0.66	TEST=	0
INDE	1	20	63	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	20	65	FOBS=	77.2	SIGMA=	4.2	PHAS=	117.1	FOM=	0.91	TEST=	0
INDE	1	20	67	FOBS=	83.9	SIGMA=	3.8	PHAS=	88.4	FOM=	0.89	TEST=	0
INDE	1	20	69	FOBS=	47.2	SIGMA=	6.8	PHAS=	47.7	FOM=	0.72	TEST=	0
INDE	1	20	71	FOBS=	77.8	SIGMA=	4.1	PHAS=	-40.5	FOM=	0.88	TEST=	0
INDE	1	20	73	FOBS=	21.0	SIGMA=	15.5	PHAS=	-167.3	FOM=	0.43	TEST=	0
INDE	1	20	75	FOBS=	29.8	SIGMA=	11.0	PHAS=	67.7	FOM=	0.43	TEST=	0
INDE	1	21	2	FOBS=	136.9	SIGMA=	0.6	PHAS=	1.3	FOM=	0.51	TEST=	0
INDE	1	21	4	FOBS=	108.2	SIGMA=	0.6	PHAS=	4.7	FOM=	0.92	TEST=	0
INDE	1	21	6	FOBS=	104.7	SIGMA=	0.9	PHAS=	64.3	FOM=	0.85	TEST=	0
INDE	1	21	20	FOBS=	245.7	SIGMA=	0.8	PHAS=	127.5	FOM=	0.98	TEST=	0
INDE	1	21	22	FOBS=	164.6	SIGMA=	0.7	PHAS=	121.2	FOM=	0.95	TEST=	0
INDE	1	21	24	FOBS=	128.0	SIGMA=	0.9	PHAS=	75.8	FOM=	0.94	TEST=	0
INDE	1	21	26	FOBS=	126.4	SIGMA=	0.9	PHAS=	0.1	FOM=	0.83	TEST=	0
INDE	1	21	28	FOBS=	235.8	SIGMA=	0.6	PHAS=	-103.1	FOM=	0.99	TEST=	0
INDE	1	21	30	FOBS=	119.6	SIGMA=	0.8	PHAS=	-143.1	FOM=	0.86	TEST=	0
INDE	1	21	32	FOBS=	96.9	SIGMA=	0.9	PHAS=	118.7	FOM=	0.98	TEST=	0
INDE	1	21	34	FOBS=	217.4	SIGMA=	0.7	PHAS=	-86.7	FOM=	0.93	TEST=	0
INDE	1	21	36	FOBS=	163.5	SIGMA=	1.1	PHAS=	-110.8	FOM=	0.94	TEST=	0
INDE	1	21	38	FOBS=	115.8	SIGMA=	1.0	PHAS=	-85.1	FOM=	0.94	TEST=	0
INDE	1	21	40	FOBS=	111.1	SIGMA=	1.0	PHAS=	30.7	FOM=	0.82	TEST=	0
INDE	1	21	42	FOBS=	266.6	SIGMA=	0.7	PHAS=	-178.9	FOM=	0.99	TEST=	0
INDE	1	21	44	FOBS=	91.0	SIGMA=	2.4	PHAS=	118.0	FOM=	0.87	TEST=	0
INDE	1	21	46	FOBS=	49.8	SIGMA=	4.8	PHAS=	2.1	FOM=	0.71	TEST=	0
INDE	1	21	48	FOBS=	186.4	SIGMA=	1.4	PHAS=	-97.1	FOM=	0.96	TEST=	0
INDE	1	21	50	FOBS=	63.2	SIGMA=	3.4	PHAS=	144.1	FOM=	0.34	TEST=	0
INDE	1	21	52	FOBS=	66.4	SIGMA=	3.2	PHAS=	-1.3	FOM=	0.27	TEST=	0
INDE	1	21	54	FOBS=	76.1	SIGMA=	3.0	PHAS=	-7.0	FOM=	0.82	TEST=	0
INDE	1	21	56	FOBS=	62.4	SIGMA=	3.6	PHAS=	-127.7	FOM=	0.81	TEST=	0
INDE	1	21	58	FOBS=	115.1	SIGMA=	1.5	PHAS=	-134.3	FOM=	0.95	TEST=	0
INDE	1	21	60	FOBS=	25.3	SIGMA=	6.6	PHAS=	-157.1	FOM=	0.27	TEST=	0
INDE	1	21	62	FOBS=	47.5	SIGMA=	4.2	PHAS=	54.1	FOM=	0.68	TEST=	0
INDE	1	21	64	FOBS=	0.0	SIGMA=	30.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	21	66	FOBS=	36.2	SIGMA=	8.8	PHAS=	-7.9	FOM=	0.54	TEST=	0
INDE	1	21	68	FOBS=	77.4	SIGMA=	4.2	PHAS=	-59.4	FOM=	0.05	TEST=	1
INDE	1	21	70	FOBS=	50.5	SIGMA=	6.5	PHAS=	-130.4	FOM=	0.55	TEST=	0
INDE	1	21	72	FOBS=	43.0	SIGMA=	7.6	PHAS=	94.6	FOM=	0.72	TEST=	0
INDE	1	21	74	FOBS=	27.3	SIGMA=	12.1	PHAS=	-94.3	FOM=	0.42	TEST=	0
INDE	1	22	1	FOBS=	127.5	SIGMA=	0.7	PHAS=	-13.8	FOM=	0.82	TEST=	0
INDE	1	22	3	FOBS=	233.0	SIGMA=	0.5	PHAS=	156.0	FOM=	0.92	TEST=	0
INDE	1	22	5	FOBS=	218.4	SIGMA=	0.5	PHAS=	-95.8	FOM=	0.92	TEST=	0
INDE	1	22	7	FOBS=	331.8	SIGMA=	0.6	PHAS=	113.4	FOM=	0.95	TEST=	0
INDE	1	22	21	FOBS=	232.5	SIGMA=	0.8	PHAS=	24.4	FOM=	0.98	TEST=	0
INDE	1	22	23	FOBS=	300.7	SIGMA=	0.8	PHAS=	45.8	FOM=	0.97	TEST=	0
INDE	1	22	25	FOBS=	207.0	SIGMA=	0.8	PHAS=	-38.3	FOM=	0.96	TEST=	0
INDE	1	22	27	FOBS=	182.7	SIGMA=	0.7	PHAS=	44.1	FOM=	0.98	TEST=	0
INDE	1	22	29	FOBS=	221.7	SIGMA=	0.7	PHAS=	-25.0	FOM=	0.98	TEST=	0
INDE	1	22	31	FOBS=	118.3	SIGMA=	0.8	PHAS=	121.9	FOM=	0.95	TEST=	1
INDE	1	22	33	FOBS=	234.2	SIGMA=	0.5	PHAS=	121.3	FOM=	0.94	TEST=	0
INDE	1	22	35	FOBS=	75.4	SIGMA=	1.3	PHAS=	123.6	FOM=	0.88	TEST=	0
INDE	1	22	37	FOBS=	44.2	SIGMA=	2.4	PHAS=	62.0	FOM=	0.70	TEST=	0
INDE	1	22	39	FOBS=	166.3	SIGMA=	0.7	PHAS=	-85.1	FOM=	0.97	TEST=	0
INDE	1	22	41	FOBS=	78.9	SIGMA=	2.0	PHAS=	133.1	FOM=	0.78	TEST=	0
INDE	1	22	43	FOBS=	65.8	SIGMA=	2.4	PHAS=	-51.6	FOM=	0.94	TEST=	0
INDE	1	22	45	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	22	47	FOBS=	125.9	SIGMA=	1.9	PHAS=	-156.7	FOM=	0.95	TEST=	0
INDE	1	22	49	FOBS=	76.6	SIGMA=	2.4	PHAS=	-177.3	FOM=	0.83	TEST=	1
INDE	1	22	51	FOBS=	117.1	SIGMA=	1.8	PHAS=	-60.8	FOM=	0.92	TEST=	0
INDE	1	22	53	FOBS=	80.6	SIGMA=	2.7	PHAS=	-33.6	FOM=	0.65	TEST=	0
INDE	1	22	55	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	22	57	FOBS=	99.9	SIGMA=	2.1	PHAS=	116.8	FOM=	0.92	TEST=	0
INDE	1	22	59	FOBS=	80.9	SIGMA=	2.1	PHAS=	45.4	FOM=	0.90	TEST=	0
INDE	1	22	61	FOBS=	90.4	SIGMA=	1.9	PHAS=	30.0	FOM=	0.93	TEST=	0
INDE	1	22	63	FOBS=	110.8	SIGMA=	2.0	PHAS=	3.9	FOM=	0.93	TEST=	0
INDE	1	22	65	FOBS=	50.5	SIGMA=	6.5	PHAS=	6.0	FOM=	0.57	TEST=	1
INDE	1	22	67	FOBS=	38.8	SIGMA=	8.4	PHAS=	-152.6	FOM=	0.35	TEST=	0

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INDE 1 22 69 FOBS= 49.6 SIGMA= 6.6 PHAS= 65.7 FOM= 0.57 TEST= 0
INDE 1 22 71 FOBS= 0.0 SIGMA= 25.6 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 1 22 73 FOBS= 18.7 SIGMA= 17.8 PHAS= 18.3 FOM= 0.46 TEST= 0
INDE 1 23 2 FOBS= 86.5 SIGMA= 0.7 PHAS= 173.7 FOM= 0.41 TEST= 0
INDE 1 23 4 FOBS= 34.1 SIGMA= 1.6 PHAS= 132.4 FOM= 0.96 TEST= 0
INDE 1 23 6 FOBS= 180.1 SIGMA= 0.5 PHAS= 47.1 FOM= 0.83 TEST= 0
INDE 1 23 8 FOBS= 196.0 SIGMA= 0.7 PHAS= -101.9 FOM= 0.97 TEST= 0
INDE 1 23 22 FOBS= 137.3 SIGMA= 1.0 PHAS= -18.6 FOM= 0.89 TEST= 0
INDE 1 23 24 FOBS= 165.1 SIGMA= 0.8 PHAS= -51.9 FOM= 0.80 TEST= 0
INDE 1 23 26 FOBS= 151.9 SIGMA= 0.9 PHAS= -89.4 FOM= 0.96 TEST= 0
INDE 1 23 28 FOBS= 308.4 SIGMA= 0.7 PHAS= -56.2 FOM= 0.97 TEST= 0
INDE 1 23 30 FOBS= 104.0 SIGMA= 1.2 PHAS= -102.8 FOM= 0.96 TEST= 0
INDE 1 23 32 FOBS= 127.6 SIGMA= 1.0 PHAS= -154.9 FOM= 0.92 TEST= 0
INDE 1 23 34 FOBS= 203.9 SIGMA= 0.6 PHAS= -24.8 FOM= 0.97 TEST= 0
INDE 1 23 36 FOBS= 159.0 SIGMA= 0.7 PHAS= -13.3 FOM= 0.96 TEST= 0
INDE 1 23 38 FOBS= 85.9 SIGMA= 1.3 PHAS= 126.1 FOM= 0.76 TEST= 0
INDE 1 23 40 FOBS= 205.4 SIGMA= 0.7 PHAS= 174.5 FOM= 0.97 TEST= 0
INDE 1 23 42 FOBS= 254.8 SIGMA= 0.7 PHAS= -155.1 FOM= 0.70 TEST= 1
INDE 1 23 44 FOBS= 113.3 SIGMA= 1.5 PHAS= -21.2 FOM= 0.90 TEST= 0
INDE 1 23 46 FOBS= 185.7 SIGMA= 1.0 PHAS= 105.9 FOM= 0.96 TEST= 0
INDE 1 23 48 FOBS= 81.3 SIGMA= 2.9 PHAS= 173.3 FOM= 0.39 TEST= 0
INDE 1 23 50 FOBS= 243.3 SIGMA= 0.9 PHAS= 166.0 FOM= 0.95 TEST= 0
INDE 1 23 52 FOBS= 98.0 SIGMA= 1.9 PHAS= 27.5 FOM= 0.37 TEST= 1
INDE 1 23 54 FOBS= 27.7 SIGMA= 9.1 PHAS= 2.8 FOM= 0.17 TEST= 0
INDE 1 23 56 FOBS= 19.6 SIGMA= 12.3 PHAS= -111.1 FOM= 0.14 TEST= 0
INDE 1 23 58 FOBS= 72.4 SIGMA= 2.4 PHAS= -59.6 FOM= 0.90 TEST= 0
INDE 1 23 60 FOBS= 94.8 SIGMA= 1.8 PHAS= -4.7 FOM= 0.91 TEST= 0
INDE 1 23 62 FOBS= 74.5 SIGMA= 3.0 PHAS= -29.9 FOM= 0.90 TEST= 0
INDE 1 23 64 FOBS= 87.5 SIGMA= 2.6 PHAS= -64.7 FOM= 0.91 TEST= 0
INDE 1 23 66 FOBS= 65.4 SIGMA= 5.1 PHAS= 9.5 FOM= 0.05 TEST= 1
INDE 1 23 68 FOBS= 26.3 SIGMA= 12.4 PHAS= -105.9 FOM= 0.27 TEST= 0
INDE 1 23 70 FOBS= 49.5 SIGMA= 6.7 PHAS= 164.2 FOM= 0.34 TEST= 0
INDE 1 23 72 FOBS= 41.0 SIGMA= 8.2 PHAS= 14.0 FOM= 0.29 TEST= 1
INDE 1 23 74 FOBS= 52.9 SIGMA= 6.6 PHAS= -82.8 FOM= 0.64 TEST= 0
INDE 1 24 1 FOBS= 144.7 SIGMA= 0.5 PHAS= 70.3 FOM= 0.64 TEST= 0
INDE 1 24 3 FOBS= 171.4 SIGMA= 0.6 PHAS= 134.6 FOM= 0.72 TEST= 0
INDE 1 24 5 FOBS= 206.9 SIGMA= 0.4 PHAS= -172.7 FOM= 0.94 TEST= 0
INDE 1 24 7 FOBS= 256.8 SIGMA= 0.6 PHAS= 153.6 FOM= 0.95 TEST= 0
INDE 1 24 23 FOBS= 198.1 SIGMA= 0.8 PHAS= 44.3 FOM= 0.96 TEST= 0
INDE 1 24 25 FOBS= 91.5 SIGMA= 1.3 PHAS= 165.4 FOM= 0.98 TEST= 0
INDE 1 24 27 FOBS= 129.0 SIGMA= 1.0 PHAS= -116.0 FOM= 0.82 TEST= 0
INDE 1 24 29 FOBS= 194.8 SIGMA= 0.8 PHAS= -70.0 FOM= 0.88 TEST= 0
INDE 1 24 31 FOBS= 411.3 SIGMA= 0.6 PHAS= 164.5 FOM= 0.99 TEST= 0
INDE 1 24 33 FOBS= 231.5 SIGMA= 0.6 PHAS= 118.8 FOM= 0.90 TEST= 0
INDE 1 24 35 FOBS= 236.2 SIGMA= 0.6 PHAS= -99.6 FOM= 0.95 TEST= 0
INDE 1 24 37 FOBS= 88.4 SIGMA= 1.3 PHAS= 130.1 FOM= 0.56 TEST= 0
INDE 1 24 39 FOBS= 182.7 SIGMA= 0.7 PHAS= 59.3 FOM= 0.98 TEST= 0
INDE 1 24 41 FOBS= 202.7 SIGMA= 0.8 PHAS= 79.2 FOM= 0.96 TEST= 0
INDE 1 24 43 FOBS= 123.2 SIGMA= 1.8 PHAS= -52.7 FOM= 0.78 TEST= 0
INDE 1 24 45 FOBS= 213.2 SIGMA= 0.7 PHAS= -4.9 FOM= 0.91 TEST= 0
INDE 1 24 47 FOBS= 167.4 SIGMA= 1.2 PHAS= 49.8 FOM= 0.92 TEST= 0
INDE 1 24 49 FOBS= 141.7 SIGMA= 1.6 PHAS= 38.8 FOM= 0.92 TEST= 0
INDE 1 24 51 FOBS= 159.4 SIGMA= 1.2 PHAS= 17.1 FOM= 0.93 TEST= 0
INDE 1 24 53 FOBS= 56.9 SIGMA= 3.0 PHAS= -65.8 FOM= 0.72 TEST= 0
INDE 1 24 55 FOBS= 48.0 SIGMA= 4.7 PHAS= 27.7 FOM= 0.54 TEST= 0
INDE 1 24 57 FOBS= 41.4 SIGMA= 5.0 PHAS= 156.0 FOM= 0.70 TEST= 0
INDE 1 24 59 FOBS= 18.6 SIGMA= 9.3 PHAS= -89.4 FOM= 0.31 TEST= 0
INDE 1 24 61 FOBS= 103.2 SIGMA= 2.1 PHAS= -53.0 FOM= 0.92 TEST= 0
INDE 1 24 63 FOBS= 20.6 SIGMA= 10.8 PHAS= 0.1 FOM= 0.50 TEST= 0
INDE 1 24 65 FOBS= 28.8 SIGMA= 11.7 PHAS= -99.7 FOM= 0.57 TEST= 0
INDE 1 24 67 FOBS= 28.6 SIGMA= 11.6 PHAS= -159.6 FOM= 0.61 TEST= 0
INDE 1 24 69 FOBS= 12.4 SIGMA= 26.7 PHAS= -94.1 FOM= 0.08 TEST= 0
INDE 1 24 71 FOBS= 47.6 SIGMA= 7.1 PHAS= -21.9 FOM= 0.85 TEST= 0
INDE 1 24 73 FOBS= 60.8 SIGMA= 5.7 PHAS= -44.7 FOM= 0.05 TEST= 1
INDE 1 25 2 FOBS= 130.1 SIGMA= 0.6 PHAS= -91.5 FOM= 0.59 TEST= 0
INDE 1 25 4 FOBS= 128.3 SIGMA= 0.7 PHAS= 96.1 FOM= 0.88 TEST= 0
INDE 1 25 6 FOBS= 258.3 SIGMA= 0.6 PHAS= 89.6 FOM= 0.99 TEST= 0
INDE 1 25 8 FOBS= 99.9 SIGMA= 1.1 PHAS= -2.8 FOM= 0.96 TEST= 0
INDE 1 25 22 FOBS= 258.3 SIGMA= 1.8 PHAS= -53.3 FOM= 0.94 TEST= 0
INDE 1 25 24 FOBS= 239.2 SIGMA= 0.8 PHAS= -24.5 FOM= 0.99 TEST= 0

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INDE	1	25	26	FOBS=	86.8	SIGMA=	1.5	PHAS=	-90.4	FOM=	0.94	TEST=	0
INDE	1	25	28	FOBS=	295.8	SIGMA=	0.7	PHAS=	-155.5	FOM=	0.95	TEST=	0
INDE	1	25	30	FOBS=	404.4	SIGMA=	0.7	PHAS=	-12.2	FOM=	0.97	TEST=	0
INDE	1	25	32	FOBS=	219.2	SIGMA=	0.8	PHAS=	18.7	FOM=	0.98	TEST=	1
INDE	1	25	34	FOBS=	138.5	SIGMA=	1.0	PHAS=	28.9	FOM=	0.88	TEST=	0
INDE	1	25	36	FOBS=	279.0	SIGMA=	0.5	PHAS=	-7.9	FOM=	0.98	TEST=	0
INDE	1	25	38	FOBS=	153.5	SIGMA=	0.9	PHAS=	59.4	FOM=	0.97	TEST=	0
INDE	1	25	40	FOBS=	139.0	SIGMA=	1.0	PHAS=	-72.1	FOM=	0.68	TEST=	0
INDE	1	25	42	FOBS=	39.8	SIGMA=	3.8	PHAS=	-88.9	FOM=	0.87	TEST=	0
INDE	1	25	44	FOBS=	183.8	SIGMA=	0.9	PHAS=	48.7	FOM=	0.38	TEST=	0
INDE	1	25	46	FOBS=	53.0	SIGMA=	2.5	PHAS=	-134.6	FOM=	0.88	TEST=	0
INDE	1	25	48	FOBS=	117.4	SIGMA=	1.7	PHAS=	-72.0	FOM=	0.96	TEST=	0
INDE	1	25	50	FOBS=	91.0	SIGMA=	2.0	PHAS=	-44.8	FOM=	0.84	TEST=	0
INDE	1	25	52	FOBS=	17.8	SIGMA=	10.4	PHAS=	-179.8	FOM=	0.08	TEST=	1
INDE	1	25	54	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	25	56	FOBS=	102.5	SIGMA=	2.3	PHAS=	49.4	FOM=	0.79	TEST=	0
INDE	1	25	58	FOBS=	64.9	SIGMA=	3.2	PHAS=	108.3	FOM=	0.09	TEST=	1
INDE	1	25	60	FOBS=	35.6	SIGMA=	4.9	PHAS=	-19.2	FOM=	0.26	TEST=	0
INDE	1	25	62	FOBS=	5.5	SIGMA=	41.0	PHAS=	-123.7	FOM=	0.00	TEST=	1
INDE	1	25	64	FOBS=	93.5	SIGMA=	2.5	PHAS=	-146.2	FOM=	0.91	TEST=	0
INDE	1	25	66	FOBS=	53.9	SIGMA=	6.4	PHAS=	34.9	FOM=	0.30	TEST=	0
INDE	1	25	68	FOBS=	36.1	SIGMA=	9.3	PHAS=	140.6	FOM=	0.42	TEST=	0
INDE	1	25	70	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	25	72	FOBS=	36.1	SIGMA=	9.6	PHAS=	150.1	FOM=	0.54	TEST=	0
INDE	1	26	1	FOBS=	165.2	SIGMA=	0.5	PHAS=	124.4	FOM=	0.98	TEST=	0
INDE	1	26	3	FOBS=	158.1	SIGMA=	0.7	PHAS=	29.4	FOM=	0.51	TEST=	1
INDE	1	26	5	FOBS=	65.7	SIGMA=	1.0	PHAS=	52.0	FOM=	0.98	TEST=	0
INDE	1	26	7	FOBS=	148.4	SIGMA=	0.6	PHAS=	-98.4	FOM=	0.96	TEST=	0
INDE	1	26	9	FOBS=	110.8	SIGMA=	1.1	PHAS=	-87.8	FOM=	0.97	TEST=	0
INDE	1	26	23	FOBS=	187.1	SIGMA=	1.5	PHAS=	170.9	FOM=	0.85	TEST=	0
INDE	1	26	25	FOBS=	220.0	SIGMA=	0.7	PHAS=	142.5	FOM=	0.96	TEST=	0
INDE	1	26	27	FOBS=	232.2	SIGMA=	0.8	PHAS=	117.0	FOM=	0.98	TEST=	0
INDE	1	26	29	FOBS=	198.1	SIGMA=	1.0	PHAS=	-88.7	FOM=	0.94	TEST=	0
INDE	1	26	31	FOBS=	43.6	SIGMA=	3.3	PHAS=	-75.3	FOM=	0.11	TEST=	0
INDE	1	26	33	FOBS=	203.1	SIGMA=	0.7	PHAS=	6.9	FOM=	0.97	TEST=	0
INDE	1	26	35	FOBS=	263.6	SIGMA=	0.8	PHAS=	-83.8	FOM=	0.98	TEST=	0
INDE	1	26	37	FOBS=	277.9	SIGMA=	0.6	PHAS=	-110.0	FOM=	0.95	TEST=	0
INDE	1	26	39	FOBS=	266.4	SIGMA=	0.6	PHAS=	62.1	FOM=	0.93	TEST=	0
INDE	1	26	41	FOBS=	280.6	SIGMA=	0.6	PHAS=	-124.7	FOM=	0.88	TEST=	0
INDE	1	26	43	FOBS=	112.0	SIGMA=	1.3	PHAS=	107.0	FOM=	0.65	TEST=	0
INDE	1	26	45	FOBS=	247.1	SIGMA=	0.6	PHAS=	116.9	FOM=	0.96	TEST=	0
INDE	1	26	47	FOBS=	161.8	SIGMA=	0.9	PHAS=	103.7	FOM=	0.96	TEST=	0
INDE	1	26	49	FOBS=	93.8	SIGMA=	1.7	PHAS=	-45.6	FOM=	0.96	TEST=	0
INDE	1	26	51	FOBS=	92.8	SIGMA=	1.8	PHAS=	51.1	FOM=	0.89	TEST=	0
INDE	1	26	53	FOBS=	99.2	SIGMA=	1.7	PHAS=	81.5	FOM=	0.68	TEST=	0
INDE	1	26	55	FOBS=	137.9	SIGMA=	1.4	PHAS=	-106.6	FOM=	0.92	TEST=	0
INDE	1	26	57	FOBS=	30.9	SIGMA=	6.8	PHAS=	79.8	FOM=	0.47	TEST=	0
INDE	1	26	59	FOBS=	78.4	SIGMA=	2.5	PHAS=	11.1	FOM=	0.91	TEST=	0
INDE	1	26	61	FOBS=	105.4	SIGMA=	2.3	PHAS=	6.4	FOM=	0.86	TEST=	0
INDE	1	26	63	FOBS=	39.4	SIGMA=	8.1	PHAS=	-79.7	FOM=	0.04	TEST=	0
INDE	1	26	65	FOBS=	39.1	SIGMA=	8.7	PHAS=	97.4	FOM=	0.32	TEST=	0
INDE	1	26	67	FOBS=	31.3	SIGMA=	11.0	PHAS=	-142.9	FOM=	0.73	TEST=	0
INDE	1	26	69	FOBS=	32.5	SIGMA=	10.6	PHAS=	-107.2	FOM=	0.36	TEST=	0
INDE	1	26	71	FOBS=	25.5	SIGMA=	13.7	PHAS=	22.1	FOM=	0.46	TEST=	0
INDE	1	26	73	FOBS=	39.9	SIGMA=	8.9	PHAS=	-73.6	FOM=	0.10	TEST=	0
INDE	1	27	2	FOBS=	78.5	SIGMA=	0.9	PHAS=	-71.4	FOM=	0.98	TEST=	0
INDE	1	27	6	FOBS=	108.3	SIGMA=	0.7	PHAS=	-170.6	FOM=	0.66	TEST=	0
INDE	1	27	8	FOBS=	212.9	SIGMA=	0.5	PHAS=	147.7	FOM=	0.96	TEST=	0
INDE	1	27	10	FOBS=	180.4	SIGMA=	0.8	PHAS=	63.4	FOM=	0.91	TEST=	1
INDE	1	27	24	FOBS=	249.1	SIGMA=	0.9	PHAS=	54.7	FOM=	0.95	TEST=	0
INDE	1	27	26	FOBS=	212.1	SIGMA=	0.8	PHAS=	36.7	FOM=	0.96	TEST=	0
INDE	1	27	28	FOBS=	167.7	SIGMA=	1.0	PHAS=	96.4	FOM=	0.89	TEST=	0
INDE	1	27	30	FOBS=	176.1	SIGMA=	1.0	PHAS=	43.5	FOM=	0.94	TEST=	0
INDE	1	27	32	FOBS=	169.8	SIGMA=	1.0	PHAS=	-107.4	FOM=	0.91	TEST=	0
INDE	1	27	34	FOBS=	166.4	SIGMA=	0.9	PHAS=	7.7	FOM=	0.96	TEST=	0
INDE	1	27	36	FOBS=	135.5	SIGMA=	1.1	PHAS=	-148.7	FOM=	0.95	TEST=	0
INDE	1	27	38	FOBS=	41.3	SIGMA=	4.0	PHAS=	101.9	FOM=	0.92	TEST=	0
INDE	1	27	40	FOBS=	131.4	SIGMA=	1.1	PHAS=	162.8	FOM=	0.84	TEST=	0
INDE	1	27	42	FOBS=	160.6	SIGMA=	0.9	PHAS=	53.2	FOM=	0.84	TEST=	0
INDE	1	27	44	FOBS=	195.6	SIGMA=	0.8	PHAS=	86.9	FOM=	0.87	TEST=	0

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INDE	1	27	46	FOBS=	67.3	SIGMA=	2.0	PHAS=	29.0	FOM=	0.95	TEST=	0
INDE	1	27	48	FOBS=	156.6	SIGMA=	1.0	PHAS=	-64.0	FOM=	0.88	TEST=	0
INDE	1	27	50	FOBS=	167.6	SIGMA=	1.0	PHAS=	-58.4	FOM=	0.69	TEST=	1
INDE	1	27	52	FOBS=	93.7	SIGMA=	1.7	PHAS=	-95.5	FOM=	0.91	TEST=	0
INDE	1	27	54	FOBS=	61.6	SIGMA=	2.9	PHAS=	-134.2	FOM=	0.17	TEST=	0
INDE	1	27	56	FOBS=	17.4	SIGMA=	13.8	PHAS=	147.0	FOM=	0.27	TEST=	0
INDE	1	27	58	FOBS=	91.6	SIGMA=	1.9	PHAS=	-132.0	FOM=	0.77	TEST=	0
INDE	1	27	60	FOBS=	36.1	SIGMA=	6.6	PHAS=	6.3	FOM=	0.66	TEST=	0
INDE	1	27	62	FOBS=	20.0	SIGMA=	16.4	PHAS=	31.0	FOM=	0.17	TEST=	0
INDE	1	27	64	FOBS=	66.6	SIGMA=	3.5	PHAS=	-163.6	FOM=	0.59	TEST=	0
INDE	1	27	66	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	27	68	FOBS=	98.2	SIGMA=	3.7	PHAS=	119.0	FOM=	0.91	TEST=	0
INDE	1	27	70	FOBS=	0.0	SIGMA=	26.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	27	72	FOBS=	0.0	SIGMA=	26.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	28	1	FOBS=	192.1	SIGMA=	0.5	PHAS=	138.9	FOM=	0.98	TEST=	0
INDE	1	28	3	FOBS=	178.0	SIGMA=	0.7	PHAS=	-95.4	FOM=	0.97	TEST=	0
INDE	1	28	5	FOBS=	102.0	SIGMA=	1.0	PHAS=	-12.7	FOM=	0.86	TEST=	0
INDE	1	28	7	FOBS=	157.8	SIGMA=	0.6	PHAS=	64.7	FOM=	0.80	TEST=	0
INDE	1	28	9	FOBS=	140.3	SIGMA=	1.0	PHAS=	47.6	FOM=	0.99	TEST=	0
INDE	1	28	25	FOBS=	236.0	SIGMA=	0.8	PHAS=	33.2	FOM=	0.95	TEST=	1
INDE	1	28	27	FOBS=	198.4	SIGMA=	0.9	PHAS=	-43.6	FOM=	0.97	TEST=	0
INDE	1	28	29	FOBS=	182.4	SIGMA=	1.1	PHAS=	-21.6	FOM=	0.61	TEST=	0
INDE	1	28	31	FOBS=	113.1	SIGMA=	1.5	PHAS=	102.7	FOM=	0.96	TEST=	0
INDE	1	28	33	FOBS=	196.2	SIGMA=	0.9	PHAS=	-82.4	FOM=	0.94	TEST=	0
INDE	1	28	35	FOBS=	90.3	SIGMA=	1.6	PHAS=	-67.0	FOM=	0.92	TEST=	0
INDE	1	28	37	FOBS=	152.0	SIGMA=	1.1	PHAS=	171.0	FOM=	0.98	TEST=	0
INDE	1	28	39	FOBS=	102.8	SIGMA=	1.6	PHAS=	81.3	FOM=	0.94	TEST=	0
INDE	1	28	41	FOBS=	0.0	SIGMA=	17.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	28	43	FOBS=	118.9	SIGMA=	1.2	PHAS=	112.7	FOM=	0.51	TEST=	0
INDE	1	28	45	FOBS=	61.8	SIGMA=	2.2	PHAS=	-133.2	FOM=	0.89	TEST=	0
INDE	1	28	47	FOBS=	43.7	SIGMA=	3.4	PHAS=	100.4	FOM=	0.24	TEST=	0
INDE	1	28	49	FOBS=	105.4	SIGMA=	1.3	PHAS=	-102.5	FOM=	0.92	TEST=	0
INDE	1	28	51	FOBS=	63.9	SIGMA=	2.5	PHAS=	67.5	FOM=	0.93	TEST=	0
INDE	1	28	53	FOBS=	79.7	SIGMA=	2.0	PHAS=	113.2	FOM=	0.76	TEST=	0
INDE	1	28	55	FOBS=	26.3	SIGMA=	7.4	PHAS=	-108.8	FOM=	0.44	TEST=	0
INDE	1	28	57	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	28	59	FOBS=	56.6	SIGMA=	3.7	PHAS=	24.3	FOM=	0.80	TEST=	0
INDE	1	28	61	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	28	63	FOBS=	24.7	SIGMA=	9.4	PHAS=	164.3	FOM=	0.16	TEST=	0
INDE	1	28	65	FOBS=	46.5	SIGMA=	7.5	PHAS=	-6.4	FOM=	0.39	TEST=	0
INDE	1	28	67	FOBS=	72.9	SIGMA=	4.9	PHAS=	-35.7	FOM=	0.75	TEST=	0
INDE	1	28	69	FOBS=	0.0	SIGMA=	26.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	28	71	FOBS=	0.0	SIGMA=	26.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	1	29	2	FOBS=	140.1	SIGMA=	0.6	PHAS=	83.9	FOM=	0.91	TEST=	0
INDE	1	29	6	FOBS=	157.8	SIGMA=	0.6	PHAS=	-86.8	FOM=	0.96	TEST=	0
INDE	1	29	8	FOBS=	86.2	SIGMA=	0.9	PHAS=	-0.6	FOM=	0.97	TEST=	0
INDE	1	29	10	FOBS=	74.3	SIGMA=	1.7	PHAS=	168.7	FOM=	0.99	TEST=	0
INDE	1	29	26	FOBS=	130.4	SIGMA=	1.2	PHAS=	-45.0	FOM=	0.95	TEST=	0
INDE	1	29	28	FOBS=	30.9	SIGMA=	5.3	PHAS=	84.3	FOM=	0.71	TEST=	0
INDE	1	29	30	FOBS=	61.9	SIGMA=	2.7	PHAS=	73.2	FOM=	0.77	TEST=	0
INDE	1	29	32	FOBS=	111.6	SIGMA=	1.6	PHAS=	-115.5	FOM=	0.85	TEST=	0
INDE	1	29	34	FOBS=	42.3	SIGMA=	3.6	PHAS=	25.0	FOM=	0.59	TEST=	0
INDE	1	29	36	FOBS=	125.0	SIGMA=	1.3	PHAS=	-170.1	FOM=	0.96	TEST=	0
INDE	1	29	38	FOBS=	98.6	SIGMA=	1.7	PHAS=	117.2	FOM=	0.95	TEST=	0
INDE	1	29	40	FOBS=	48.2	SIGMA=	3.4	PHAS=	-32.5	FOM=	0.82	TEST=	0
INDE	1	29	42	FOBS=	79.5	SIGMA=	2.0	PHAS=	-10.1	FOM=	0.72	TEST=	0
INDE	1	29	44	FOBS=	146.3	SIGMA=	1.0	PHAS=	89.2	FOM=	0.89	TEST=	0
INDE	1	29	46	FOBS=	95.6	SIGMA=	1.5	PHAS=	167.2	FOM=	0.88	TEST=	0
INDE	1	29	48	FOBS=	92.4	SIGMA=	1.6	PHAS=	43.9	FOM=	0.34	TEST=	0
INDE	1	29	50	FOBS=	123.3	SIGMA=	1.1	PHAS=	-172.9	FOM=	0.96	TEST=	0
INDE	1	29	52	FOBS=	147.3	SIGMA=	1.1	PHAS=	-22.0	FOM=	0.81	TEST=	0
INDE	1	29	54	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	29	56	FOBS=	78.0	SIGMA=	2.4	PHAS=	-137.2	FOM=	0.88	TEST=	0
INDE	1	29	58	FOBS=	114.1	SIGMA=	1.7	PHAS=	-178.3	FOM=	0.85	TEST=	0
INDE	1	29	60	FOBS=	50.4	SIGMA=	3.7	PHAS=	-76.9	FOM=	0.74	TEST=	1
INDE	1	29	62	FOBS=	15.6	SIGMA=	15.0	PHAS=	91.8	FOM=	0.11	TEST=	0
INDE	1	29	64	FOBS=	38.6	SIGMA=	6.1	PHAS=	142.6	FOM=	0.34	TEST=	0
INDE	1	29	66	FOBS=	45.7	SIGMA=	7.8	PHAS=	-169.3	FOM=	0.80	TEST=	0
INDE	1	29	68	FOBS=	112.4	SIGMA=	3.3	PHAS=	152.8	FOM=	0.95	TEST=	0
INDE	1	29	70	FOBS=	52.6	SIGMA=	6.9	PHAS=	-5.0	FOM=	0.61	TEST=	0

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INDE	1	29	72	FOBS=	16.6	SIGMA=	22.0	PHAS=	130.7	FOM=	0.28	TEST=	0
INDE	1	30	1	FOBS=	179.3	SIGMA=	0.5	PHAS=	-81.5	FOM=	0.80	TEST=	0
INDE	1	30	3	FOBS=	96.1	SIGMA=	1.1	PHAS=	-56.1	FOM=	0.91	TEST=	0
INDE	1	30	7	FOBS=	23.4	SIGMA=	3.1	PHAS=	117.9	FOM=	0.73	TEST=	0
INDE	1	30	9	FOBS=	139.8	SIGMA=	0.7	PHAS=	100.9	FOM=	0.85	TEST=	0
INDE	1	30	11	FOBS=	123.2	SIGMA=	1.2	PHAS=	111.2	FOM=	0.97	TEST=	0
INDE	1	30	25	FOBS=	70.7	SIGMA=	4.3	PHAS=	-158.5	FOM=	0.29	TEST=	0
INDE	1	30	27	FOBS=	103.2	SIGMA=	1.5	PHAS=	-51.5	FOM=	0.86	TEST=	0
INDE	1	30	29	FOBS=	152.5	SIGMA=	1.2	PHAS=	164.6	FOM=	0.94	TEST=	1
INDE	1	30	31	FOBS=	132.2	SIGMA=	1.4	PHAS=	95.6	FOM=	0.90	TEST=	0
INDE	1	30	33	FOBS=	133.0	SIGMA=	1.3	PHAS=	-77.3	FOM=	0.73	TEST=	0
INDE	1	30	35	FOBS=	166.5	SIGMA=	1.0	PHAS=	104.6	FOM=	0.93	TEST=	0
INDE	1	30	37	FOBS=	259.5	SIGMA=	0.8	PHAS=	110.7	FOM=	0.93	TEST=	0
INDE	1	30	39	FOBS=	103.2	SIGMA=	1.7	PHAS=	-92.9	FOM=	0.87	TEST=	0
INDE	1	30	41	FOBS=	50.6	SIGMA=	3.2	PHAS=	103.0	FOM=	0.72	TEST=	0
INDE	1	30	43	FOBS=	113.9	SIGMA=	1.4	PHAS=	-121.7	FOM=	0.28	TEST=	0
INDE	1	30	45	FOBS=	120.8	SIGMA=	1.3	PHAS=	128.7	FOM=	0.93	TEST=	0
INDE	1	30	47	FOBS=	139.3	SIGMA=	1.1	PHAS=	135.5	FOM=	0.90	TEST=	0
INDE	1	30	49	FOBS=	68.8	SIGMA=	2.0	PHAS=	140.8	FOM=	0.94	TEST=	1
INDE	1	30	51	FOBS=	29.5	SIGMA=	4.7	PHAS=	48.6	FOM=	0.81	TEST=	0
INDE	1	30	53	FOBS=	59.5	SIGMA=	2.3	PHAS=	-131.3	FOM=	0.45	TEST=	0
INDE	1	30	55	FOBS=	114.6	SIGMA=	1.5	PHAS=	121.9	FOM=	0.89	TEST=	0
INDE	1	30	57	FOBS=	73.0	SIGMA=	2.4	PHAS=	56.3	FOM=	0.91	TEST=	0
INDE	1	30	59	FOBS=	52.0	SIGMA=	4.3	PHAS=	105.8	FOM=	0.30	TEST=	0
INDE	1	30	61	FOBS=	43.3	SIGMA=	4.1	PHAS=	128.3	FOM=	0.41	TEST=	0
INDE	1	30	63	FOBS=	50.1	SIGMA=	4.8	PHAS=	-0.8	FOM=	0.67	TEST=	0
INDE	1	30	65	FOBS=	13.7	SIGMA=	26.1	PHAS=	178.4	FOM=	0.27	TEST=	0
INDE	1	30	67	FOBS=	111.4	SIGMA=	3.4	PHAS=	37.2	FOM=	0.93	TEST=	0
INDE	1	30	69	FOBS=	66.5	SIGMA=	5.5	PHAS=	83.8	FOM=	0.89	TEST=	0
INDE	1	30	71	FOBS=	17.1	SIGMA=	21.7	PHAS=	-38.1	FOM=	0.12	TEST=	0
INDE	1	31	2	FOBS=	97.8	SIGMA=	0.8	PHAS=	-104.4	FOM=	0.88	TEST=	0
INDE	1	31	6	FOBS=	260.0	SIGMA=	0.6	PHAS=	11.0	FOM=	0.86	TEST=	0
INDE	1	31	8	FOBS=	194.6	SIGMA=	0.6	PHAS=	34.2	FOM=	0.95	TEST=	0
INDE	1	31	10	FOBS=	114.9	SIGMA=	0.8	PHAS=	-130.2	FOM=	0.82	TEST=	0
INDE	1	31	12	FOBS=	188.7	SIGMA=	0.9	PHAS=	-92.9	FOM=	0.80	TEST=	0
INDE	1	31	26	FOBS=	258.5	SIGMA=	1.6	PHAS=	-67.1	FOM=	0.54	TEST=	0
INDE	1	31	28	FOBS=	131.8	SIGMA=	1.3	PHAS=	17.6	FOM=	0.96	TEST=	0
INDE	1	31	30	FOBS=	189.2	SIGMA=	1.1	PHAS=	47.3	FOM=	0.91	TEST=	1
INDE	1	31	32	FOBS=	167.9	SIGMA=	1.2	PHAS=	172.3	FOM=	0.92	TEST=	0
INDE	1	31	34	FOBS=	274.4	SIGMA=	0.8	PHAS=	28.8	FOM=	0.96	TEST=	0
INDE	1	31	36	FOBS=	196.1	SIGMA=	1.0	PHAS=	-17.3	FOM=	0.96	TEST=	0
INDE	1	31	38	FOBS=	71.3	SIGMA=	2.5	PHAS=	60.2	FOM=	0.94	TEST=	0
INDE	1	31	40	FOBS=	217.2	SIGMA=	1.0	PHAS=	58.2	FOM=	0.92	TEST=	0
INDE	1	31	42	FOBS=	196.3	SIGMA=	0.9	PHAS=	-25.2	FOM=	0.82	TEST=	1
INDE	1	31	44	FOBS=	59.2	SIGMA=	2.7	PHAS=	31.7	FOM=	0.85	TEST=	0
INDE	1	31	46	FOBS=	70.1	SIGMA=	2.2	PHAS=	43.2	FOM=	0.89	TEST=	0
INDE	1	31	48	FOBS=	27.4	SIGMA=	5.4	PHAS=	107.5	FOM=	0.34	TEST=	0
INDE	1	31	50	FOBS=	0.0	SIGMA=	16.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	31	52	FOBS=	103.5	SIGMA=	1.3	PHAS=	5.7	FOM=	0.89	TEST=	0
INDE	1	31	54	FOBS=	101.2	SIGMA=	1.4	PHAS=	126.6	FOM=	0.91	TEST=	0
INDE	1	31	56	FOBS=	100.8	SIGMA=	1.7	PHAS=	-50.0	FOM=	0.91	TEST=	0
INDE	1	31	58	FOBS=	46.6	SIGMA=	4.9	PHAS=	-61.4	FOM=	0.34	TEST=	0
INDE	1	31	60	FOBS=	66.6	SIGMA=	3.4	PHAS=	-60.5	FOM=	0.23	TEST=	1
INDE	1	31	62	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	31	64	FOBS=	24.8	SIGMA=	9.7	PHAS=	-144.0	FOM=	0.05	TEST=	0
INDE	1	31	66	FOBS=	0.0	SIGMA=	26.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	31	68	FOBS=	79.9	SIGMA=	4.7	PHAS=	36.1	FOM=	0.91	TEST=	0
INDE	1	31	70	FOBS=	31.4	SIGMA=	11.8	PHAS=	-1.3	FOM=	0.56	TEST=	0
INDE	1	32	1	FOBS=	93.0	SIGMA=	0.7	PHAS=	-55.3	FOM=	0.99	TEST=	0
INDE	1	32	3	FOBS=	200.4	SIGMA=	0.7	PHAS=	144.7	FOM=	0.99	TEST=	0
INDE	1	32	7	FOBS=	157.9	SIGMA=	0.7	PHAS=	-42.2	FOM=	0.94	TEST=	0
INDE	1	32	9	FOBS=	183.9	SIGMA=	0.6	PHAS=	-125.2	FOM=	0.88	TEST=	0
INDE	1	32	11	FOBS=	136.2	SIGMA=	1.2	PHAS=	-173.2	FOM=	0.95	TEST=	0
INDE	1	32	27	FOBS=	217.9	SIGMA=	1.1	PHAS=	123.3	FOM=	0.91	TEST=	0
INDE	1	32	29	FOBS=	118.0	SIGMA=	1.6	PHAS=	-119.6	FOM=	0.78	TEST=	0
INDE	1	32	31	FOBS=	166.1	SIGMA=	1.2	PHAS=	65.3	FOM=	0.92	TEST=	0
INDE	1	32	33	FOBS=	225.2	SIGMA=	1.1	PHAS=	-56.5	FOM=	0.95	TEST=	0
INDE	1	32	35	FOBS=	111.7	SIGMA=	1.6	PHAS=	95.4	FOM=	0.48	TEST=	1
INDE	1	32	37	FOBS=	134.7	SIGMA=	1.4	PHAS=	134.3	FOM=	0.90	TEST=	0
INDE	1	32	39	FOBS=	259.8	SIGMA=	0.8	PHAS=	-76.1	FOM=	0.99	TEST=	0

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INDE	1	32	41	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	32	43	FOBS=	149.9	SIGMA=	1.2	PHAS=	-124.2	FOM=	0.95	TEST=	0
INDE	1	32	45	FOBS=	90.4	SIGMA=	1.8	PHAS=	138.4	FOM=	0.66	TEST=	0
INDE	1	32	47	FOBS=	175.3	SIGMA=	1.0	PHAS=	-129.4	FOM=	0.96	TEST=	0
INDE	1	32	49	FOBS=	32.1	SIGMA=	4.9	PHAS=	-79.9	FOM=	0.37	TEST=	0
INDE	1	32	51	FOBS=	88.5	SIGMA=	1.6	PHAS=	-103.5	FOM=	0.81	TEST=	0
INDE	1	32	53	FOBS=	55.9	SIGMA=	2.2	PHAS=	-4.5	FOM=	0.51	TEST=	0
INDE	1	32	55	FOBS=	98.2	SIGMA=	1.8	PHAS=	-121.3	FOM=	0.91	TEST=	0
INDE	1	32	57	FOBS=	91.8	SIGMA=	2.2	PHAS=	-125.1	FOM=	0.87	TEST=	0
INDE	1	32	59	FOBS=	95.8	SIGMA=	2.4	PHAS=	99.5	FOM=	0.76	TEST=	0
INDE	1	32	61	FOBS=	42.2	SIGMA=	4.2	PHAS=	135.1	FOM=	0.29	TEST=	1
INDE	1	32	63	FOBS=	23.1	SIGMA=	8.7	PHAS=	-17.4	FOM=	0.42	TEST=	0
INDE	1	32	65	FOBS=	64.1	SIGMA=	4.1	PHAS=	-96.2	FOM=	0.82	TEST=	0
INDE	1	32	67	FOBS=	102.9	SIGMA=	3.8	PHAS=	-22.1	FOM=	0.92	TEST=	0
INDE	1	32	69	FOBS=	0.0	SIGMA=	27.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	33	2	FOBS=	99.9	SIGMA=	1.1	PHAS=	0.0	FOM=	0.98	TEST=	0
INDE	1	33	6	FOBS=	125.0	SIGMA=	1.0	PHAS=	98.1	FOM=	0.99	TEST=	0
INDE	1	33	8	FOBS=	234.4	SIGMA=	0.6	PHAS=	114.5	FOM=	0.95	TEST=	0
INDE	1	33	10	FOBS=	149.3	SIGMA=	0.7	PHAS=	-157.1	FOM=	0.95	TEST=	0
INDE	1	33	12	FOBS=	150.6	SIGMA=	1.1	PHAS=	-46.7	FOM=	0.94	TEST=	1
INDE	1	33	26	FOBS=	248.4	SIGMA=	1.7	PHAS=	44.8	FOM=	0.85	TEST=	0
INDE	1	33	28	FOBS=	106.6	SIGMA=	1.9	PHAS=	10.8	FOM=	0.86	TEST=	0
INDE	1	33	30	FOBS=	125.3	SIGMA=	1.6	PHAS=	-36.6	FOM=	0.67	TEST=	1
INDE	1	33	32	FOBS=	253.5	SIGMA=	1.0	PHAS=	-170.0	FOM=	0.97	TEST=	0
INDE	1	33	34	FOBS=	59.0	SIGMA=	3.3	PHAS=	-43.1	FOM=	0.92	TEST=	0
INDE	1	33	36	FOBS=	51.7	SIGMA=	3.7	PHAS=	-113.3	FOM=	0.89	TEST=	0
INDE	1	33	38	FOBS=	196.7	SIGMA=	1.0	PHAS=	99.4	FOM=	0.97	TEST=	0
INDE	1	33	40	FOBS=	151.3	SIGMA=	1.2	PHAS=	120.3	FOM=	0.93	TEST=	0
INDE	1	33	42	FOBS=	82.5	SIGMA=	2.0	PHAS=	-129.0	FOM=	0.87	TEST=	0
INDE	1	33	44	FOBS=	45.3	SIGMA=	3.6	PHAS=	-164.5	FOM=	0.52	TEST=	0
INDE	1	33	46	FOBS=	99.2	SIGMA=	1.6	PHAS=	106.2	FOM=	0.76	TEST=	1
INDE	1	33	48	FOBS=	204.5	SIGMA=	0.9	PHAS=	-157.7	FOM=	0.97	TEST=	0
INDE	1	33	50	FOBS=	42.1	SIGMA=	3.9	PHAS=	26.0	FOM=	0.48	TEST=	0
INDE	1	33	52	FOBS=	46.7	SIGMA=	3.2	PHAS=	46.0	FOM=	0.72	TEST=	0
INDE	1	33	54	FOBS=	117.3	SIGMA=	1.3	PHAS=	128.2	FOM=	0.07	TEST=	1
INDE	1	33	56	FOBS=	116.1	SIGMA=	1.9	PHAS=	121.8	FOM=	0.86	TEST=	0
INDE	1	33	58	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	33	60	FOBS=	34.1	SIGMA=	6.6	PHAS=	-172.1	FOM=	0.01	TEST=	1
INDE	1	33	62	FOBS=	31.2	SIGMA=	7.1	PHAS=	-51.2	FOM=	0.43	TEST=	0
INDE	1	33	64	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	1	33	66	FOBS=	87.6	SIGMA=	2.8	PHAS=	-54.1	FOM=	0.75	TEST=	0
INDE	1	33	68	FOBS=	0.0	SIGMA=	27.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	33	70	FOBS=	17.6	SIGMA=	21.7	PHAS=	-36.7	FOM=	0.13	TEST=	0
INDE	1	34	1	FOBS=	109.5	SIGMA=	0.7	PHAS=	-76.7	FOM=	0.71	TEST=	0
INDE	1	34	3	FOBS=	109.5	SIGMA=	1.2	PHAS=	115.4	FOM=	0.83	TEST=	0
INDE	1	34	7	FOBS=	156.0	SIGMA=	0.6	PHAS=	57.5	FOM=	0.98	TEST=	0
INDE	1	34	9	FOBS=	147.8	SIGMA=	0.7	PHAS=	-24.7	FOM=	0.95	TEST=	0
INDE	1	34	11	FOBS=	129.8	SIGMA=	0.9	PHAS=	178.7	FOM=	0.99	TEST=	0
INDE	1	34	13	FOBS=	28.8	SIGMA=	5.4	PHAS=	170.5	FOM=	0.58	TEST=	0
INDE	1	34	27	FOBS=	118.6	SIGMA=	2.3	PHAS=	-96.7	FOM=	0.68	TEST=	0
INDE	1	34	29	FOBS=	301.5	SIGMA=	0.8	PHAS=	-27.1	FOM=	0.89	TEST=	0
INDE	1	34	31	FOBS=	147.2	SIGMA=	1.5	PHAS=	94.6	FOM=	0.95	TEST=	0
INDE	1	34	33	FOBS=	88.5	SIGMA=	2.5	PHAS=	117.4	FOM=	0.94	TEST=	0
INDE	1	34	35	FOBS=	221.0	SIGMA=	0.9	PHAS=	-156.8	FOM=	0.41	TEST=	1
INDE	1	34	37	FOBS=	109.6	SIGMA=	1.7	PHAS=	83.0	FOM=	0.96	TEST=	0
INDE	1	34	39	FOBS=	196.6	SIGMA=	1.0	PHAS=	-27.3	FOM=	0.94	TEST=	0
INDE	1	34	41	FOBS=	109.0	SIGMA=	1.6	PHAS=	113.2	FOM=	0.66	TEST=	1
INDE	1	34	43	FOBS=	147.9	SIGMA=	1.2	PHAS=	171.6	FOM=	0.92	TEST=	0
INDE	1	34	45	FOBS=	151.2	SIGMA=	1.1	PHAS=	-179.3	FOM=	0.93	TEST=	0
INDE	1	34	47	FOBS=	142.7	SIGMA=	1.2	PHAS=	153.8	FOM=	0.92	TEST=	0
INDE	1	34	49	FOBS=	81.5	SIGMA=	2.0	PHAS=	-39.9	FOM=	0.88	TEST=	1
INDE	1	34	51	FOBS=	28.7	SIGMA=	5.6	PHAS=	-80.7	FOM=	0.28	TEST=	0
INDE	1	34	53	FOBS=	38.2	SIGMA=	3.9	PHAS=	-126.1	FOM=	0.54	TEST=	0
INDE	1	34	55	FOBS=	45.0	SIGMA=	3.4	PHAS=	-119.2	FOM=	0.71	TEST=	0
INDE	1	34	57	FOBS=	62.4	SIGMA=	3.2	PHAS=	-97.4	FOM=	0.79	TEST=	0
INDE	1	34	59	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	34	61	FOBS=	14.2	SIGMA=	12.4	PHAS=	-71.7	FOM=	0.36	TEST=	0
INDE	1	34	63	FOBS=	36.4	SIGMA=	6.2	PHAS=	8.7	FOM=	0.03	TEST=	0
INDE	1	34	65	FOBS=	35.6	SIGMA=	5.1	PHAS=	-166.5	FOM=	0.50	TEST=	0
INDE	1	34	67	FOBS=	94.3	SIGMA=	2.4	PHAS=	-152.8	FOM=	0.91	TEST=	0

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INDE 1 34 69 FOBS= 15.2 SIGMA= 25.4 PHAS= 152.3 FOM= 0.06 TEST= 0
INDE 1 35 2 FOBS= 81.8 SIGMA= 1.5 PHAS= 58.8 FOM= 0.98 TEST= 0
INDE 1 35 8 FOBS= 58.8 SIGMA= 1.6 PHAS= 10.7 FOM= 0.90 TEST= 0
INDE 1 35 10 FOBS= 73.5 SIGMA= 1.4 PHAS= -148.1 FOM= 0.99 TEST= 0
INDE 1 35 12 FOBS= 107.7 SIGMA= 1.1 PHAS= 124.1 FOM= 0.99 TEST= 0
INDE 1 35 14 FOBS= 20.4 SIGMA= 8.0 PHAS= 175.7 FOM= 0.45 TEST= 0
INDE 1 35 28 FOBS= 362.3 SIGMA= 1.1 PHAS= 68.3 FOM= 0.87 TEST= 0
INDE 1 35 30 FOBS= 182.8 SIGMA= 1.2 PHAS= 46.3 FOM= 0.15 TEST= 0
INDE 1 35 32 FOBS= 240.5 SIGMA= 1.1 PHAS= 141.3 FOM= 0.92 TEST= 1
INDE 1 35 34 FOBS= 120.6 SIGMA= 1.8 PHAS= 28.8 FOM= 0.71 TEST= 0
INDE 1 35 36 FOBS= 90.9 SIGMA= 2.1 PHAS= -26.7 FOM= 0.76 TEST= 1
INDE 1 35 38 FOBS= 139.1 SIGMA= 1.3 PHAS= -80.8 FOM= 0.95 TEST= 0
INDE 1 35 40 FOBS= 139.8 SIGMA= 1.3 PHAS= -156.2 FOM= 0.88 TEST= 0
INDE 1 35 42 FOBS= 180.0 SIGMA= 1.0 PHAS= 81.1 FOM= 0.92 TEST= 0
INDE 1 35 44 FOBS= 149.9 SIGMA= 1.2 PHAS= 111.4 FOM= 0.96 TEST= 0
INDE 1 35 46 FOBS= 128.2 SIGMA= 1.3 PHAS= 29.3 FOM= 0.85 TEST= 0
INDE 1 35 48 FOBS= 88.2 SIGMA= 1.9 PHAS= 161.7 FOM= 0.95 TEST= 0
INDE 1 35 50 FOBS= 29.4 SIGMA= 6.3 PHAS= -9.6 FOM= 0.32 TEST= 0
INDE 1 35 52 FOBS= 0.0 SIGMA= 18.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 1 35 54 FOBS= 42.9 SIGMA= 4.7 PHAS= 171.3 FOM= 0.67 TEST= 0
INDE 1 35 56 FOBS= 74.3 SIGMA= 2.4 PHAS= 81.2 FOM= 0.75 TEST= 0
INDE 1 35 58 FOBS= 0.0 SIGMA= 22.2 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 1 35 60 FOBS= 50.9 SIGMA= 3.8 PHAS= -50.8 FOM= 0.82 TEST= 0
INDE 1 35 62 FOBS= 22.0 SIGMA= 8.7 PHAS= -169.6 FOM= 0.59 TEST= 0
INDE 1 35 64 FOBS= 13.9 SIGMA= 14.9 PHAS= 36.7 FOM= 0.08 TEST= 0
INDE 1 35 66 FOBS= 32.2 SIGMA= 7.3 PHAS= 25.9 FOM= 0.73 TEST= 0
INDE 1 35 68 FOBS= 69.5 SIGMA= 3.9 PHAS= 113.5 FOM= 0.53 TEST= 0
INDE 1 36 1 FOBS= 33.8 SIGMA= 2.0 PHAS= 156.4 FOM= 0.86 TEST= 0
INDE 1 36 3 FOBS= 202.5 SIGMA= 0.8 PHAS= 24.6 FOM= 0.94 TEST= 0
INDE 1 36 7 FOBS= 136.6 SIGMA= 1.0 PHAS= -119.8 FOM= 0.99 TEST= 0
INDE 1 36 9 FOBS= 194.4 SIGMA= 0.6 PHAS= -66.1 FOM= 0.95 TEST= 1
INDE 1 36 11 FOBS= 37.0 SIGMA= 2.9 PHAS= 68.3 FOM= 0.99 TEST= 0
INDE 1 36 13 FOBS= 70.1 SIGMA= 2.5 PHAS= 149.9 FOM= 0.08 TEST= 1
INDE 1 36 27 FOBS= 272.9 SIGMA= 1.9 PHAS= -139.8 FOM= 0.94 TEST= 0
INDE 1 36 29 FOBS= 262.0 SIGMA= 1.4 PHAS= -175.9 FOM= 0.86 TEST= 0
INDE 1 36 31 FOBS= 177.4 SIGMA= 1.4 PHAS= 135.4 FOM= 0.93 TEST= 0
INDE 1 36 33 FOBS= 170.1 SIGMA= 1.5 PHAS= 79.1 FOM= 0.98 TEST= 0
INDE 1 36 35 FOBS= 229.2 SIGMA= 0.9 PHAS= 168.6 FOM= 0.95 TEST= 0
INDE 1 36 37 FOBS= 157.1 SIGMA= 1.2 PHAS= -171.1 FOM= 0.98 TEST= 0
INDE 1 36 39 FOBS= 140.6 SIGMA= 1.3 PHAS= 168.7 FOM= 0.92 TEST= 0
INDE 1 36 41 FOBS= 54.9 SIGMA= 3.1 PHAS= -81.4 FOM= 0.70 TEST= 0
INDE 1 36 43 FOBS= 100.5 SIGMA= 1.7 PHAS= 23.6 FOM= 0.84 TEST= 0
INDE 1 36 45 FOBS= 77.6 SIGMA= 2.1 PHAS= -159.7 FOM= 0.95 TEST= 0
INDE 1 36 47 FOBS= 0.0 SIGMA= 18.6 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 1 36 49 FOBS= 54.1 SIGMA= 3.1 PHAS= 99.7 FOM= 0.70 TEST= 1
INDE 1 36 51 FOBS= 27.1 SIGMA= 5.8 PHAS= -73.3 FOM= 0.47 TEST= 0
INDE 1 36 53 FOBS= 17.8 SIGMA= 15.4 PHAS= 10.7 FOM= 0.31 TEST= 0
INDE 1 36 55 FOBS= 0.0 SIGMA= 19.6 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 1 36 57 FOBS= 9.2 SIGMA= 21.7 PHAS= 6.4 FOM= 0.16 TEST= 0
INDE 1 36 59 FOBS= 51.1 SIGMA= 3.9 PHAS= -122.3 FOM= 0.72 TEST= 0
INDE 1 36 61 FOBS= 59.1 SIGMA= 3.1 PHAS= -132.6 FOM= 0.79 TEST= 0
INDE 1 36 63 FOBS= 84.5 SIGMA= 2.2 PHAS= -22.6 FOM= 0.12 TEST= 1
INDE 1 36 65 FOBS= 39.7 SIGMA= 5.3 PHAS= -36.0 FOM= 0.75 TEST= 0
INDE 1 36 67 FOBS= 52.3 SIGMA= 4.7 PHAS= -104.1 FOM= 0.83 TEST= 0
INDE 1 37 2 FOBS= 149.5 SIGMA= 1.0 PHAS= -24.2 FOM= 0.96 TEST= 0
INDE 1 37 8 FOBS= 98.2 SIGMA= 1.1 PHAS= 135.1 FOM= 0.94 TEST= 0
INDE 1 37 10 FOBS= 119.3 SIGMA= 1.0 PHAS= 124.3 FOM= 0.98 TEST= 0
INDE 1 37 12 FOBS= 270.5 SIGMA= 0.6 PHAS= 112.2 FOM= 0.94 TEST= 0
INDE 1 37 14 FOBS= 176.2 SIGMA= 1.2 PHAS= -143.8 FOM= 0.91 TEST= 0
INDE 1 37 28 FOBS= 373.7 SIGMA= 1.2 PHAS= -110.4 FOM= 0.96 TEST= 0
INDE 1 37 30 FOBS= 73.8 SIGMA= 4.0 PHAS= 122.4 FOM= 0.27 TEST= 0
INDE 1 37 32 FOBS= 217.8 SIGMA= 1.2 PHAS= 135.8 FOM= 0.69 TEST= 1
INDE 1 37 34 FOBS= 166.8 SIGMA= 1.5 PHAS= 13.9 FOM= 0.92 TEST= 0
INDE 1 37 36 FOBS= 177.2 SIGMA= 1.1 PHAS= 135.7 FOM= 0.97 TEST= 0
INDE 1 37 38 FOBS= 131.6 SIGMA= 1.4 PHAS= 44.7 FOM= 0.36 TEST= 1
INDE 1 37 40 FOBS= 166.0 SIGMA= 1.1 PHAS= -170.5 FOM= 0.93 TEST= 0
INDE 1 37 42 FOBS= 73.7 SIGMA= 2.3 PHAS= 93.3 FOM= 0.85 TEST= 0
INDE 1 37 44 FOBS= 85.3 SIGMA= 2.0 PHAS= -18.8 FOM= 0.63 TEST= 0
INDE 1 37 46 FOBS= 105.8 SIGMA= 1.6 PHAS= -38.9 FOM= 0.80 TEST= 0
INDE 1 37 48 FOBS= 68.7 SIGMA= 2.4 PHAS= 45.7 FOM= 0.87 TEST= 0

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INDE	1	37	50	FOBS=	42.5	SIGMA=	3.8	PHAS=	32.6	FOM=	0.50	TEST=	0
INDE	1	37	52	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	37	54	FOBS=	0.0	SIGMA=	18.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	1	37	56	FOBS=	56.6	SIGMA=	3.2	PHAS=	-146.9	FOM=	0.32	TEST=	0
INDE	1	37	58	FOBS=	54.5	SIGMA=	3.3	PHAS=	-161.7	FOM=	0.82	TEST=	0
INDE	1	37	60	FOBS=	84.8	SIGMA=	2.4	PHAS=	-170.9	FOM=	0.90	TEST=	0
INDE	1	37	62	FOBS=	46.0	SIGMA=	3.6	PHAS=	151.6	FOM=	0.65	TEST=	0
INDE	1	37	64	FOBS=	48.7	SIGMA=	3.8	PHAS=	103.2	FOM=	0.79	TEST=	0
INDE	1	37	66	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	37	68	FOBS=	23.7	SIGMA=	16.9	PHAS=	-119.2	FOM=	0.34	TEST=	0
INDE	1	38	1	FOBS=	201.4	SIGMA=	0.4	PHAS=	-179.1	FOM=	0.95	TEST=	0
INDE	1	38	3	FOBS=	325.9	SIGMA=	0.6	PHAS=	-69.4	FOM=	0.98	TEST=	0
INDE	1	38	9	FOBS=	193.9	SIGMA=	0.7	PHAS=	173.7	FOM=	0.86	TEST=	0
INDE	1	38	11	FOBS=	356.4	SIGMA=	0.7	PHAS=	29.8	FOM=	0.97	TEST=	0
INDE	1	38	13	FOBS=	146.0	SIGMA=	0.9	PHAS=	122.8	FOM=	0.61	TEST=	0
INDE	1	38	15	FOBS=	121.6	SIGMA=	1.7	PHAS=	100.5	FOM=	0.95	TEST=	1
INDE	1	38	27	FOBS=	298.4	SIGMA=	1.9	PHAS=	-166.9	FOM=	0.84	TEST=	0
INDE	1	38	29	FOBS=	236.6	SIGMA=	1.6	PHAS=	140.9	FOM=	0.48	TEST=	1
INDE	1	38	31	FOBS=	134.2	SIGMA=	1.9	PHAS=	-111.1	FOM=	0.70	TEST=	0
INDE	1	38	33	FOBS=	146.9	SIGMA=	1.6	PHAS=	-110.1	FOM=	0.66	TEST=	0
INDE	1	38	35	FOBS=	308.5	SIGMA=	0.9	PHAS=	154.4	FOM=	0.92	TEST=	0
INDE	1	38	37	FOBS=	142.9	SIGMA=	1.4	PHAS=	96.5	FOM=	0.92	TEST=	0
INDE	1	38	39	FOBS=	91.6	SIGMA=	2.0	PHAS=	113.5	FOM=	0.88	TEST=	0
INDE	1	38	41	FOBS=	94.0	SIGMA=	1.9	PHAS=	152.6	FOM=	0.34	TEST=	1
INDE	1	38	43	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	38	45	FOBS=	49.6	SIGMA=	3.3	PHAS=	-158.8	FOM=	0.84	TEST=	1
INDE	1	38	47	FOBS=	152.0	SIGMA=	1.1	PHAS=	-72.8	FOM=	0.96	TEST=	0
INDE	1	38	49	FOBS=	29.6	SIGMA=	5.5	PHAS=	138.6	FOM=	0.23	TEST=	0
INDE	1	38	51	FOBS=	24.2	SIGMA=	6.6	PHAS=	76.2	FOM=	0.48	TEST=	0
INDE	1	38	53	FOBS=	59.3	SIGMA=	3.2	PHAS=	37.8	FOM=	0.64	TEST=	0
INDE	1	38	55	FOBS=	29.5	SIGMA=	5.7	PHAS=	6.0	FOM=	0.27	TEST=	0
INDE	1	38	57	FOBS=	43.8	SIGMA=	4.7	PHAS=	57.5	FOM=	0.54	TEST=	0
INDE	1	38	59	FOBS=	103.1	SIGMA=	2.0	PHAS=	120.5	FOM=	0.95	TEST=	0
INDE	1	38	61	FOBS=	39.5	SIGMA=	4.8	PHAS=	81.6	FOM=	0.80	TEST=	0
INDE	1	38	63	FOBS=	44.2	SIGMA=	4.2	PHAS=	-124.9	FOM=	0.69	TEST=	0
INDE	1	38	65	FOBS=	68.6	SIGMA=	2.7	PHAS=	36.4	FOM=	0.89	TEST=	0
INDE	1	38	67	FOBS=	68.4	SIGMA=	6.0	PHAS=	-123.7	FOM=	0.46	TEST=	0
INDE	1	39	2	FOBS=	140.4	SIGMA=	1.1	PHAS=	-154.3	FOM=	0.92	TEST=	1
INDE	1	39	8	FOBS=	279.3	SIGMA=	0.7	PHAS=	70.7	FOM=	0.94	TEST=	0
INDE	1	39	10	FOBS=	289.6	SIGMA=	0.6	PHAS=	62.9	FOM=	0.96	TEST=	0
INDE	1	39	12	FOBS=	55.5	SIGMA=	2.3	PHAS=	-164.8	FOM=	0.87	TEST=	0
INDE	1	39	14	FOBS=	127.4	SIGMA=	1.1	PHAS=	-77.1	FOM=	0.92	TEST=	0
INDE	1	39	16	FOBS=	123.3	SIGMA=	1.8	PHAS=	-22.8	FOM=	0.98	TEST=	1
INDE	1	39	28	FOBS=	130.9	SIGMA=	2.7	PHAS=	58.5	FOM=	0.90	TEST=	0
INDE	1	39	30	FOBS=	157.0	SIGMA=	2.3	PHAS=	-177.9	FOM=	0.80	TEST=	1
INDE	1	39	32	FOBS=	229.3	SIGMA=	1.1	PHAS=	75.2	FOM=	0.91	TEST=	0
INDE	1	39	34	FOBS=	201.8	SIGMA=	1.3	PHAS=	-160.6	FOM=	0.19	TEST=	1
INDE	1	39	36	FOBS=	187.1	SIGMA=	1.1	PHAS=	34.6	FOM=	0.93	TEST=	0
INDE	1	39	38	FOBS=	120.1	SIGMA=	1.6	PHAS=	-27.0	FOM=	0.84	TEST=	0
INDE	1	39	40	FOBS=	136.2	SIGMA=	1.4	PHAS=	-127.3	FOM=	0.87	TEST=	0
INDE	1	39	42	FOBS=	100.3	SIGMA=	1.8	PHAS=	-56.4	FOM=	0.83	TEST=	0
INDE	1	39	44	FOBS=	33.8	SIGMA=	4.9	PHAS=	-130.9	FOM=	0.46	TEST=	0
INDE	1	39	46	FOBS=	152.7	SIGMA=	1.1	PHAS=	176.0	FOM=	0.94	TEST=	1
INDE	1	39	48	FOBS=	87.3	SIGMA=	2.0	PHAS=	89.6	FOM=	0.91	TEST=	0
INDE	1	39	50	FOBS=	59.9	SIGMA=	2.7	PHAS=	60.8	FOM=	0.84	TEST=	0
INDE	1	39	52	FOBS=	79.5	SIGMA=	2.6	PHAS=	26.1	FOM=	0.86	TEST=	0
INDE	1	39	54	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	39	56	FOBS=	59.8	SIGMA=	3.0	PHAS=	-36.6	FOM=	0.51	TEST=	0
INDE	1	39	58	FOBS=	35.5	SIGMA=	5.5	PHAS=	35.3	FOM=	0.79	TEST=	0
INDE	1	39	60	FOBS=	56.1	SIGMA=	3.6	PHAS=	34.4	FOM=	0.84	TEST=	0
INDE	1	39	62	FOBS=	25.4	SIGMA=	7.0	PHAS=	115.8	FOM=	0.36	TEST=	0
INDE	1	39	64	FOBS=	61.8	SIGMA=	3.1	PHAS=	132.2	FOM=	0.06	TEST=	1
INDE	1	39	66	FOBS=	100.8	SIGMA=	3.4	PHAS=	-17.7	FOM=	0.90	TEST=	0
INDE	1	40	1	FOBS=	290.7	SIGMA=	0.5	PHAS=	115.3	FOM=	0.99	TEST=	0
INDE	1	40	3	FOBS=	49.2	SIGMA=	3.1	PHAS=	78.1	FOM=	0.89	TEST=	0
INDE	1	40	9	FOBS=	188.9	SIGMA=	1.0	PHAS=	-36.3	FOM=	0.85	TEST=	0
INDE	1	40	11	FOBS=	146.8	SIGMA=	0.9	PHAS=	34.2	FOM=	0.94	TEST=	0
INDE	1	40	13	FOBS=	65.5	SIGMA=	2.1	PHAS=	-56.7	FOM=	0.38	TEST=	0
INDE	1	40	15	FOBS=	105.9	SIGMA=	1.4	PHAS=	35.1	FOM=	0.82	TEST=	0
INDE	1	40	17	FOBS=	130.1	SIGMA=	1.8	PHAS=	164.7	FOM=	0.46	TEST=	0

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INDE	1	40	27	FOBS=	205.2	SIGMA=	2.6	PHAS=	-55.4	FOM=	0.61	TEST=	0
INDE	1	40	29	FOBS=	87.1	SIGMA=	4.1	PHAS=	32.6	FOM=	0.68	TEST=	0
INDE	1	40	31	FOBS=	214.6	SIGMA=	1.8	PHAS=	-72.8	FOM=	0.91	TEST=	0
INDE	1	40	33	FOBS=	65.8	SIGMA=	3.7	PHAS=	-123.5	FOM=	0.93	TEST=	0
INDE	1	40	35	FOBS=	124.5	SIGMA=	1.7	PHAS=	-78.6	FOM=	0.91	TEST=	0
INDE	1	40	37	FOBS=	46.9	SIGMA=	4.0	PHAS=	-31.9	FOM=	0.67	TEST=	1
INDE	1	40	39	FOBS=	65.4	SIGMA=	2.9	PHAS=	-148.1	FOM=	0.43	TEST=	0
INDE	1	40	41	FOBS=	230.8	SIGMA=	1.1	PHAS=	-150.2	FOM=	0.97	TEST=	0
INDE	1	40	43	FOBS=	104.4	SIGMA=	1.7	PHAS=	123.9	FOM=	0.91	TEST=	0
INDE	1	40	45	FOBS=	111.5	SIGMA=	1.5	PHAS=	129.8	FOM=	0.87	TEST=	0
INDE	1	40	47	FOBS=	126.0	SIGMA=	1.3	PHAS=	91.1	FOM=	0.87	TEST=	0
INDE	1	40	49	FOBS=	29.1	SIGMA=	6.3	PHAS=	-47.4	FOM=	0.60	TEST=	0
INDE	1	40	51	FOBS=	87.5	SIGMA=	1.9	PHAS=	-33.2	FOM=	0.91	TEST=	0
INDE	1	40	53	FOBS=	42.3	SIGMA=	5.3	PHAS=	155.6	FOM=	0.80	TEST=	0
INDE	1	40	55	FOBS=	30.1	SIGMA=	6.7	PHAS=	128.5	FOM=	0.27	TEST=	0
INDE	1	40	57	FOBS=	63.8	SIGMA=	2.8	PHAS=	-31.5	FOM=	0.85	TEST=	0
INDE	1	40	59	FOBS=	20.8	SIGMA=	10.6	PHAS=	-43.1	FOM=	0.21	TEST=	0
INDE	1	40	61	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	40	63	FOBS=	43.0	SIGMA=	4.7	PHAS=	-13.4	FOM=	0.76	TEST=	0
INDE	1	40	65	FOBS=	58.3	SIGMA=	3.9	PHAS=	-36.3	FOM=	0.80	TEST=	0
INDE	1	41	2	FOBS=	116.2	SIGMA=	1.4	PHAS=	-63.7	FOM=	0.88	TEST=	0
INDE	1	41	10	FOBS=	167.5	SIGMA=	0.8	PHAS=	121.6	FOM=	0.68	TEST=	0
INDE	1	41	12	FOBS=	282.3	SIGMA=	0.6	PHAS=	-112.4	FOM=	0.95	TEST=	0
INDE	1	41	14	FOBS=	127.9	SIGMA=	1.2	PHAS=	-92.4	FOM=	0.68	TEST=	0
INDE	1	41	16	FOBS=	128.7	SIGMA=	1.9	PHAS=	11.8	FOM=	0.97	TEST=	0
INDE	1	41	28	FOBS=	137.2	SIGMA=	2.7	PHAS=	-104.1	FOM=	0.71	TEST=	0
INDE	1	41	30	FOBS=	171.6	SIGMA=	2.1	PHAS=	86.4	FOM=	0.37	TEST=	1
INDE	1	41	32	FOBS=	195.6	SIGMA=	1.9	PHAS=	123.9	FOM=	0.97	TEST=	0
INDE	1	41	34	FOBS=	157.3	SIGMA=	1.5	PHAS=	-168.9	FOM=	0.92	TEST=	0
INDE	1	41	36	FOBS=	45.3	SIGMA=	4.0	PHAS=	-113.7	FOM=	0.25	TEST=	1
INDE	1	41	38	FOBS=	63.1	SIGMA=	2.9	PHAS=	-98.9	FOM=	0.79	TEST=	0
INDE	1	41	40	FOBS=	155.2	SIGMA=	1.2	PHAS=	-176.7	FOM=	0.88	TEST=	0
INDE	1	41	42	FOBS=	67.1	SIGMA=	2.6	PHAS=	39.4	FOM=	0.81	TEST=	0
INDE	1	41	44	FOBS=	87.6	SIGMA=	2.0	PHAS=	-14.1	FOM=	0.91	TEST=	0
INDE	1	41	46	FOBS=	81.7	SIGMA=	2.1	PHAS=	54.8	FOM=	0.91	TEST=	0
INDE	1	41	48	FOBS=	43.6	SIGMA=	3.9	PHAS=	106.8	FOM=	0.83	TEST=	0
INDE	1	41	50	FOBS=	43.7	SIGMA=	3.8	PHAS=	-82.1	FOM=	0.70	TEST=	0
INDE	1	41	52	FOBS=	14.1	SIGMA=	19.1	PHAS=	-38.7	FOM=	0.14	TEST=	0
INDE	1	41	54	FOBS=	45.7	SIGMA=	4.7	PHAS=	141.7	FOM=	0.71	TEST=	0
INDE	1	41	56	FOBS=	20.7	SIGMA=	8.6	PHAS=	35.0	FOM=	0.32	TEST=	0
INDE	1	41	58	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	41	60	FOBS=	34.9	SIGMA=	6.0	PHAS=	164.5	FOM=	0.33	TEST=	0
INDE	1	41	62	FOBS=	85.9	SIGMA=	2.1	PHAS=	-115.8	FOM=	0.92	TEST=	0
INDE	1	41	64	FOBS=	64.7	SIGMA=	2.9	PHAS=	-114.1	FOM=	0.93	TEST=	0
INDE	1	41	66	FOBS=	0.0	SIGMA=	29.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	42	1	FOBS=	225.1	SIGMA=	0.4	PHAS=	-172.6	FOM=	0.82	TEST=	0
INDE	1	42	3	FOBS=	206.2	SIGMA=	1.3	PHAS=	-145.7	FOM=	0.89	TEST=	0
INDE	1	42	9	FOBS=	160.1	SIGMA=	1.2	PHAS=	55.4	FOM=	0.99	TEST=	0
INDE	1	42	11	FOBS=	210.8	SIGMA=	0.8	PHAS=	165.2	FOM=	0.92	TEST=	0
INDE	1	42	13	FOBS=	132.6	SIGMA=	1.2	PHAS=	169.5	FOM=	0.90	TEST=	0
INDE	1	42	15	FOBS=	76.2	SIGMA=	2.1	PHAS=	-0.1	FOM=	0.81	TEST=	0
INDE	1	42	17	FOBS=	143.2	SIGMA=	1.9	PHAS=	157.2	FOM=	0.85	TEST=	0
INDE	1	42	27	FOBS=	0.0	SIGMA=	31.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	42	29	FOBS=	23.0	SIGMA=	14.8	PHAS=	82.9	FOM=	0.31	TEST=	0
INDE	1	42	31	FOBS=	49.0	SIGMA=	7.0	PHAS=	153.9	FOM=	0.48	TEST=	0
INDE	1	42	33	FOBS=	297.4	SIGMA=	1.2	PHAS=	153.8	FOM=	0.67	TEST=	1
INDE	1	42	35	FOBS=	75.2	SIGMA=	2.7	PHAS=	-34.4	FOM=	0.82	TEST=	0
INDE	1	42	37	FOBS=	35.5	SIGMA=	5.1	PHAS=	-58.8	FOM=	0.34	TEST=	1
INDE	1	42	39	FOBS=	109.2	SIGMA=	1.7	PHAS=	-160.4	FOM=	0.83	TEST=	0
INDE	1	42	41	FOBS=	108.9	SIGMA=	1.7	PHAS=	169.5	FOM=	0.83	TEST=	0
INDE	1	42	43	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	42	45	FOBS=	99.3	SIGMA=	1.8	PHAS=	-131.1	FOM=	0.61	TEST=	1
INDE	1	42	47	FOBS=	137.9	SIGMA=	1.3	PHAS=	69.6	FOM=	0.94	TEST=	0
INDE	1	42	49	FOBS=	88.0	SIGMA=	1.9	PHAS=	-71.9	FOM=	0.26	TEST=	1
INDE	1	42	51	FOBS=	51.5	SIGMA=	4.1	PHAS=	-90.3	FOM=	0.48	TEST=	0
INDE	1	42	53	FOBS=	119.2	SIGMA=	1.7	PHAS=	160.2	FOM=	0.91	TEST=	0
INDE	1	42	55	FOBS=	54.2	SIGMA=	3.3	PHAS=	-41.3	FOM=	0.72	TEST=	0
INDE	1	42	57	FOBS=	45.1	SIGMA=	4.5	PHAS=	24.5	FOM=	0.46	TEST=	0
INDE	1	42	59	FOBS=	41.8	SIGMA=	5.3	PHAS=	117.7	FOM=	0.60	TEST=	0
INDE	1	42	61	FOBS=	47.5	SIGMA=	3.7	PHAS=	-64.1	FOM=	0.30	TEST=	1

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INDE	1	42	63	FOBS=	62.1	SIGMA=	2.9	PHAS=	157.9	FOM=	0.90	TEST=	0
INDE	1	42	65	FOBS=	59.3	SIGMA=	4.1	PHAS=	16.1	FOM=	0.20	TEST=	1
INDE	1	43	2	FOBS=	166.6	SIGMA=	0.8	PHAS=	147.5	FOM=	0.92	TEST=	0
INDE	1	43	10	FOBS=	141.8	SIGMA=	1.0	PHAS=	108.1	FOM=	0.93	TEST=	0
INDE	1	43	12	FOBS=	177.9	SIGMA=	0.9	PHAS=	102.8	FOM=	0.91	TEST=	0
INDE	1	43	14	FOBS=	151.6	SIGMA=	1.1	PHAS=	121.3	FOM=	0.91	TEST=	1
INDE	1	43	16	FOBS=	209.5	SIGMA=	1.1	PHAS=	46.5	FOM=	0.98	TEST=	0
INDE	1	43	18	FOBS=	124.2	SIGMA=	2.3	PHAS=	7.9	FOM=	0.92	TEST=	0
INDE	1	43	28	FOBS=	88.2	SIGMA=	4.0	PHAS=	-53.7	FOM=	0.42	TEST=	0
INDE	1	43	30	FOBS=	65.6	SIGMA=	5.3	PHAS=	105.9	FOM=	0.68	TEST=	0
INDE	1	43	32	FOBS=	127.6	SIGMA=	2.8	PHAS=	34.7	FOM=	0.79	TEST=	0
INDE	1	43	34	FOBS=	91.8	SIGMA=	2.6	PHAS=	-150.6	FOM=	0.72	TEST=	0
INDE	1	43	36	FOBS=	42.2	SIGMA=	4.3	PHAS=	113.9	FOM=	0.14	TEST=	0
INDE	1	43	38	FOBS=	127.7	SIGMA=	1.5	PHAS=	38.1	FOM=	0.11	TEST=	1
INDE	1	43	40	FOBS=	76.5	SIGMA=	2.4	PHAS=	170.7	FOM=	0.86	TEST=	0
INDE	1	43	42	FOBS=	6.0	SIGMA=	31.6	PHAS=	133.8	FOM=	0.56	TEST=	0
INDE	1	43	44	FOBS=	0.0	SIGMA=	22.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	43	46	FOBS=	150.6	SIGMA=	1.2	PHAS=	40.9	FOM=	0.97	TEST=	0
INDE	1	43	48	FOBS=	50.2	SIGMA=	3.4	PHAS=	133.8	FOM=	0.43	TEST=	0
INDE	1	43	50	FOBS=	76.6	SIGMA=	2.2	PHAS=	-126.7	FOM=	0.78	TEST=	0
INDE	1	43	52	FOBS=	31.7	SIGMA=	7.6	PHAS=	119.5	FOM=	0.62	TEST=	0
INDE	1	43	54	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	43	56	FOBS=	11.1	SIGMA=	23.8	PHAS=	145.0	FOM=	0.09	TEST=	0
INDE	1	43	58	FOBS=	38.8	SIGMA=	4.8	PHAS=	-15.5	FOM=	0.73	TEST=	0
INDE	1	43	60	FOBS=	68.1	SIGMA=	3.1	PHAS=	-139.4	FOM=	0.93	TEST=	0
INDE	1	43	62	FOBS=	11.7	SIGMA=	16.2	PHAS=	-120.0	FOM=	0.06	TEST=	0
INDE	1	43	64	FOBS=	56.9	SIGMA=	3.8	PHAS=	-88.9	FOM=	0.89	TEST=	0
INDE	1	44	1	FOBS=	198.6	SIGMA=	0.5	PHAS=	145.3	FOM=	0.96	TEST=	0
INDE	1	44	11	FOBS=	77.9	SIGMA=	1.9	PHAS=	111.5	FOM=	0.95	TEST=	0
INDE	1	44	13	FOBS=	81.1	SIGMA=	2.0	PHAS=	8.3	FOM=	0.94	TEST=	0
INDE	1	44	15	FOBS=	165.3	SIGMA=	1.3	PHAS=	14.0	FOM=	0.98	TEST=	0
INDE	1	44	17	FOBS=	160.5	SIGMA=	1.4	PHAS=	-73.3	FOM=	0.93	TEST=	0
INDE	1	44	19	FOBS=	227.3	SIGMA=	1.4	PHAS=	-92.2	FOM=	0.97	TEST=	0
INDE	1	44	27	FOBS=	146.4	SIGMA=	3.5	PHAS=	-142.8	FOM=	0.58	TEST=	0
INDE	1	44	29	FOBS=	116.9	SIGMA=	3.0	PHAS=	-173.6	FOM=	0.78	TEST=	0
INDE	1	44	31	FOBS=	102.5	SIGMA=	3.4	PHAS=	-62.0	FOM=	0.78	TEST=	0
INDE	1	44	33	FOBS=	92.0	SIGMA=	3.7	PHAS=	-168.1	FOM=	0.87	TEST=	0
INDE	1	44	35	FOBS=	48.2	SIGMA=	4.1	PHAS=	87.8	FOM=	0.78	TEST=	0
INDE	1	44	37	FOBS=	207.2	SIGMA=	1.0	PHAS=	-8.4	FOM=	0.91	TEST=	0
INDE	1	44	39	FOBS=	30.7	SIGMA=	6.2	PHAS=	-171.7	FOM=	0.09	TEST=	1
INDE	1	44	41	FOBS=	182.2	SIGMA=	1.1	PHAS=	157.5	FOM=	0.96	TEST=	0
INDE	1	44	43	FOBS=	67.3	SIGMA=	2.6	PHAS=	32.7	FOM=	0.88	TEST=	0
INDE	1	44	45	FOBS=	67.2	SIGMA=	2.6	PHAS=	-41.2	FOM=	0.84	TEST=	0
INDE	1	44	47	FOBS=	79.7	SIGMA=	2.2	PHAS=	-30.0	FOM=	0.78	TEST=	0
INDE	1	44	49	FOBS=	61.6	SIGMA=	2.8	PHAS=	117.7	FOM=	0.89	TEST=	0
INDE	1	44	51	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	44	53	FOBS=	63.4	SIGMA=	3.1	PHAS=	12.4	FOM=	0.75	TEST=	0
INDE	1	44	55	FOBS=	40.0	SIGMA=	4.8	PHAS=	-0.2	FOM=	0.45	TEST=	0
INDE	1	44	57	FOBS=	63.4	SIGMA=	2.9	PHAS=	-101.9	FOM=	0.14	TEST=	0
INDE	1	44	59	FOBS=	78.1	SIGMA=	2.8	PHAS=	165.1	FOM=	0.91	TEST=	0
INDE	1	44	61	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	1	44	63	FOBS=	85.5	SIGMA=	2.5	PHAS=	155.5	FOM=	0.95	TEST=	0
INDE	1	45	2	FOBS=	149.8	SIGMA=	1.0	PHAS=	37.8	FOM=	0.90	TEST=	0
INDE	1	45	10	FOBS=	85.0	SIGMA=	3.3	PHAS=	-48.2	FOM=	0.87	TEST=	0
INDE	1	45	12	FOBS=	220.8	SIGMA=	0.8	PHAS=	55.1	FOM=	0.95	TEST=	0
INDE	1	45	14	FOBS=	127.4	SIGMA=	1.4	PHAS=	155.5	FOM=	0.84	TEST=	0
INDE	1	45	16	FOBS=	52.3	SIGMA=	3.7	PHAS=	4.8	FOM=	0.86	TEST=	0
INDE	1	45	18	FOBS=	22.3	SIGMA=	10.0	PHAS=	-73.9	FOM=	0.07	TEST=	0
INDE	1	45	20	FOBS=	135.1	SIGMA=	2.2	PHAS=	-170.7	FOM=	0.90	TEST=	0
INDE	1	45	28	FOBS=	173.3	SIGMA=	2.2	PHAS=	113.5	FOM=	0.90	TEST=	0
INDE	1	45	30	FOBS=	50.4	SIGMA=	6.8	PHAS=	-174.3	FOM=	0.14	TEST=	0
INDE	1	45	32	FOBS=	54.3	SIGMA=	6.2	PHAS=	-66.1	FOM=	0.82	TEST=	0
INDE	1	45	34	FOBS=	120.2	SIGMA=	2.9	PHAS=	-47.5	FOM=	0.86	TEST=	0
INDE	1	45	36	FOBS=	90.4	SIGMA=	2.1	PHAS=	-141.1	FOM=	0.89	TEST=	0
INDE	1	45	38	FOBS=	109.8	SIGMA=	1.7	PHAS=	-14.3	FOM=	0.81	TEST=	0
INDE	1	45	40	FOBS=	195.4	SIGMA=	1.1	PHAS=	44.1	FOM=	0.96	TEST=	0
INDE	1	45	42	FOBS=	185.0	SIGMA=	1.1	PHAS=	59.2	FOM=	0.95	TEST=	0
INDE	1	45	44	FOBS=	28.4	SIGMA=	6.1	PHAS=	59.5	FOM=	0.21	TEST=	0
INDE	1	45	46	FOBS=	24.1	SIGMA=	7.6	PHAS=	152.9	FOM=	0.30	TEST=	0
INDE	1	45	48	FOBS=	23.1	SIGMA=	8.3	PHAS=	22.9	FOM=	0.43	TEST=	0

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INDE	1	45	50	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	45	52	FOBS=	38.3	SIGMA=	5.4	PHAS=	-81.7	FOM=	0.72	TEST=	0
INDE	1	45	54	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	45	56	FOBS=	34.2	SIGMA=	5.8	PHAS=	143.0	FOM=	0.26	TEST=	0
INDE	1	45	58	FOBS=	100.7	SIGMA=	1.9	PHAS=	-105.7	FOM=	0.81	TEST=	0
INDE	1	45	60	FOBS=	57.7	SIGMA=	3.3	PHAS=	-154.6	FOM=	0.84	TEST=	0
INDE	1	45	62	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	46	1	FOBS=	203.1	SIGMA=	0.9	PHAS=	-157.4	FOM=	0.96	TEST=	0
INDE	1	46	11	FOBS=	53.3	SIGMA=	3.0	PHAS=	-98.8	FOM=	0.61	TEST=	0
INDE	1	46	13	FOBS=	113.4	SIGMA=	1.6	PHAS=	-63.3	FOM=	0.80	TEST=	1
INDE	1	46	15	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	46	17	FOBS=	70.3	SIGMA=	2.9	PHAS=	-38.9	FOM=	0.81	TEST=	0
INDE	1	46	19	FOBS=	114.7	SIGMA=	2.1	PHAS=	-138.7	FOM=	0.85	TEST=	0
INDE	1	46	21	FOBS=	107.3	SIGMA=	2.7	PHAS=	120.2	FOM=	0.61	TEST=	0
INDE	1	46	27	FOBS=	95.3	SIGMA=	5.1	PHAS=	81.2	FOM=	0.39	TEST=	0
INDE	1	46	29	FOBS=	0.0	SIGMA=	25.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	46	31	FOBS=	94.1	SIGMA=	3.7	PHAS=	-171.0	FOM=	0.86	TEST=	0
INDE	1	46	33	FOBS=	224.1	SIGMA=	1.7	PHAS=	-173.0	FOM=	0.97	TEST=	0
INDE	1	46	35	FOBS=	89.2	SIGMA=	2.8	PHAS=	157.5	FOM=	0.91	TEST=	0
INDE	1	46	37	FOBS=	177.2	SIGMA=	1.1	PHAS=	29.6	FOM=	0.90	TEST=	0
INDE	1	46	39	FOBS=	232.1	SIGMA=	0.9	PHAS=	-47.5	FOM=	0.97	TEST=	0
INDE	1	46	41	FOBS=	147.5	SIGMA=	1.3	PHAS=	-81.9	FOM=	0.96	TEST=	0
INDE	1	46	43	FOBS=	46.1	SIGMA=	4.0	PHAS=	-8.2	FOM=	0.27	TEST=	0
INDE	1	46	45	FOBS=	110.3	SIGMA=	1.6	PHAS=	-0.4	FOM=	0.86	TEST=	0
INDE	1	46	47	FOBS=	32.1	SIGMA=	5.5	PHAS=	-140.5	FOM=	0.51	TEST=	0
INDE	1	46	49	FOBS=	101.5	SIGMA=	1.8	PHAS=	155.1	FOM=	0.93	TEST=	0
INDE	1	46	51	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	46	53	FOBS=	14.8	SIGMA=	14.1	PHAS=	50.8	FOM=	0.09	TEST=	0
INDE	1	46	55	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	46	57	FOBS=	75.5	SIGMA=	2.5	PHAS=	150.2	FOM=	0.82	TEST=	0
INDE	1	46	59	FOBS=	43.1	SIGMA=	4.4	PHAS=	169.1	FOM=	0.81	TEST=	0
INDE	1	46	61	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	47	2	FOBS=	324.2	SIGMA=	0.5	PHAS=	40.3	FOM=	0.94	TEST=	0
INDE	1	47	12	FOBS=	67.6	SIGMA=	2.6	PHAS=	-23.9	FOM=	0.16	TEST=	1
INDE	1	47	14	FOBS=	79.7	SIGMA=	2.3	PHAS=	143.6	FOM=	0.63	TEST=	0
INDE	1	47	16	FOBS=	89.2	SIGMA=	2.2	PHAS=	177.0	FOM=	0.92	TEST=	0
INDE	1	47	18	FOBS=	130.1	SIGMA=	1.6	PHAS=	-155.3	FOM=	0.92	TEST=	0
INDE	1	47	20	FOBS=	206.4	SIGMA=	1.6	PHAS=	92.3	FOM=	0.96	TEST=	0
INDE	1	47	22	FOBS=	23.2	SIGMA=	17.0	PHAS=	160.4	FOM=	0.04	TEST=	0
INDE	1	47	28	FOBS=	57.3	SIGMA=	6.2	PHAS=	-125.3	FOM=	0.06	TEST=	1
INDE	1	47	30	FOBS=	58.3	SIGMA=	5.9	PHAS=	146.6	FOM=	0.55	TEST=	0
INDE	1	47	32	FOBS=	248.6	SIGMA=	1.6	PHAS=	153.6	FOM=	0.94	TEST=	0
INDE	1	47	34	FOBS=	100.5	SIGMA=	2.7	PHAS=	74.0	FOM=	0.75	TEST=	0
INDE	1	47	36	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	47	38	FOBS=	151.1	SIGMA=	1.3	PHAS=	-97.9	FOM=	0.12	TEST=	1
INDE	1	47	40	FOBS=	129.9	SIGMA=	1.5	PHAS=	-159.9	FOM=	0.95	TEST=	0
INDE	1	47	42	FOBS=	68.7	SIGMA=	2.6	PHAS=	104.0	FOM=	0.84	TEST=	0
INDE	1	47	44	FOBS=	97.4	SIGMA=	1.8	PHAS=	26.7	FOM=	0.86	TEST=	0
INDE	1	47	46	FOBS=	43.3	SIGMA=	4.0	PHAS=	-140.1	FOM=	0.29	TEST=	0
INDE	1	47	48	FOBS=	104.0	SIGMA=	1.8	PHAS=	41.9	FOM=	0.95	TEST=	0
INDE	1	47	50	FOBS=	37.3	SIGMA=	5.8	PHAS=	45.1	FOM=	0.50	TEST=	0
INDE	1	47	52	FOBS=	40.2	SIGMA=	5.2	PHAS=	-106.3	FOM=	0.70	TEST=	0
INDE	1	47	54	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	47	56	FOBS=	27.2	SIGMA=	6.8	PHAS=	96.9	FOM=	0.28	TEST=	0
INDE	1	47	58	FOBS=	35.5	SIGMA=	6.1	PHAS=	122.7	FOM=	0.35	TEST=	0
INDE	1	47	60	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	48	1	FOBS=	102.2	SIGMA=	1.6	PHAS=	112.0	FOM=	0.92	TEST=	0
INDE	1	48	3	FOBS=	101.2	SIGMA=	2.7	PHAS=	147.0	FOM=	0.38	TEST=	0
INDE	1	48	13	FOBS=	67.6	SIGMA=	2.6	PHAS=	-119.7	FOM=	0.66	TEST=	0
INDE	1	48	15	FOBS=	174.7	SIGMA=	1.1	PHAS=	142.2	FOM=	0.96	TEST=	0
INDE	1	48	17	FOBS=	176.7	SIGMA=	1.2	PHAS=	84.1	FOM=	0.95	TEST=	0
INDE	1	48	19	FOBS=	56.5	SIGMA=	3.6	PHAS=	48.0	FOM=	0.80	TEST=	0
INDE	1	48	21	FOBS=	151.8	SIGMA=	2.1	PHAS=	59.4	FOM=	0.84	TEST=	0
INDE	1	48	27	FOBS=	182.1	SIGMA=	2.9	PHAS=	180.0	FOM=	0.00	TEST=	1
INDE	1	48	29	FOBS=	250.5	SIGMA=	1.6	PHAS=	164.3	FOM=	0.89	TEST=	0
INDE	1	48	31	FOBS=	160.5	SIGMA=	2.3	PHAS=	109.5	FOM=	0.95	TEST=	0
INDE	1	48	33	FOBS=	81.3	SIGMA=	4.2	PHAS=	94.0	FOM=	0.68	TEST=	0
INDE	1	48	35	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	48	37	FOBS=	21.0	SIGMA=	8.6	PHAS=	31.2	FOM=	0.05	TEST=	1
INDE	1	48	39	FOBS=	34.5	SIGMA=	5.4	PHAS=	-134.6	FOM=	0.80	TEST=	0

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INDE	1	48	41	FOBS=	44.6	SIGMA=	4.0	PHAS=	48.8	FOM=	0.67	TEST=	0
INDE	1	48	43	FOBS=	41.9	SIGMA=	4.2	PHAS=	-96.5	FOM=	0.79	TEST=	0
INDE	1	48	45	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	48	47	FOBS=	101.4	SIGMA=	1.8	PHAS=	-78.0	FOM=	0.92	TEST=	0
INDE	1	48	49	FOBS=	76.2	SIGMA=	3.0	PHAS=	-105.2	FOM=	0.86	TEST=	0
INDE	1	48	51	FOBS=	54.0	SIGMA=	4.0	PHAS=	-168.7	FOM=	0.63	TEST=	0
INDE	1	48	53	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	48	55	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	1	48	57	FOBS=	33.0	SIGMA=	5.7	PHAS=	-153.6	FOM=	0.04	TEST=	1
INDE	1	48	59	FOBS=	22.4	SIGMA=	11.3	PHAS=	34.9	FOM=	0.25	TEST=	0
INDE	1	48	61	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	49	2	FOBS=	143.9	SIGMA=	1.0	PHAS=	2.4	FOM=	0.94	TEST=	0
INDE	1	49	12	FOBS=	242.8	SIGMA=	0.9	PHAS=	63.0	FOM=	0.89	TEST=	0
INDE	1	49	14	FOBS=	114.4	SIGMA=	1.6	PHAS=	54.2	FOM=	0.94	TEST=	0
INDE	1	49	16	FOBS=	193.8	SIGMA=	1.0	PHAS=	40.4	FOM=	0.95	TEST=	0
INDE	1	49	18	FOBS=	108.8	SIGMA=	1.9	PHAS=	-165.8	FOM=	0.50	TEST=	0
INDE	1	49	20	FOBS=	249.6	SIGMA=	1.0	PHAS=	-7.5	FOM=	0.95	TEST=	0
INDE	1	49	22	FOBS=	95.7	SIGMA=	3.1	PHAS=	-117.9	FOM=	0.80	TEST=	0
INDE	1	49	26	FOBS=	79.4	SIGMA=	6.1	PHAS=	-167.5	FOM=	0.35	TEST=	0
INDE	1	49	28	FOBS=	43.6	SIGMA=	7.9	PHAS=	-51.6	FOM=	0.28	TEST=	0
INDE	1	49	30	FOBS=	91.5	SIGMA=	3.8	PHAS=	55.3	FOM=	0.85	TEST=	0
INDE	1	49	32	FOBS=	64.6	SIGMA=	5.2	PHAS=	17.5	FOM=	0.78	TEST=	0
INDE	1	49	34	FOBS=	89.0	SIGMA=	3.1	PHAS=	-24.9	FOM=	0.58	TEST=	0
INDE	1	49	36	FOBS=	32.1	SIGMA=	7.2	PHAS=	63.9	FOM=	0.32	TEST=	0
INDE	1	49	38	FOBS=	63.1	SIGMA=	2.9	PHAS=	-72.9	FOM=	0.85	TEST=	0
INDE	1	49	40	FOBS=	58.1	SIGMA=	3.1	PHAS=	-148.2	FOM=	0.86	TEST=	0
INDE	1	49	42	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	49	44	FOBS=	41.7	SIGMA=	4.2	PHAS=	170.4	FOM=	0.34	TEST=	0
INDE	1	49	46	FOBS=	106.2	SIGMA=	1.7	PHAS=	164.2	FOM=	0.91	TEST=	0
INDE	1	49	48	FOBS=	111.9	SIGMA=	1.7	PHAS=	118.2	FOM=	0.93	TEST=	0
INDE	1	49	50	FOBS=	80.7	SIGMA=	2.8	PHAS=	100.6	FOM=	0.92	TEST=	0
INDE	1	49	52	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	49	54	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	49	56	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	49	58	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	1	49	60	FOBS=	47.1	SIGMA=	5.3	PHAS=	49.1	FOM=	0.47	TEST=	0
INDE	1	50	1	FOBS=	291.0	SIGMA=	0.6	PHAS=	80.5	FOM=	0.95	TEST=	0
INDE	1	50	3	FOBS=	108.1	SIGMA=	1.6	PHAS=	-95.3	FOM=	0.33	TEST=	0
INDE	1	50	13	FOBS=	156.0	SIGMA=	1.2	PHAS=	-18.1	FOM=	0.85	TEST=	0
INDE	1	50	15	FOBS=	167.1	SIGMA=	1.2	PHAS=	-167.7	FOM=	0.96	TEST=	0
INDE	1	50	17	FOBS=	119.4	SIGMA=	1.6	PHAS=	9.8	FOM=	0.92	TEST=	0
INDE	1	50	19	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	50	21	FOBS=	64.2	SIGMA=	3.2	PHAS=	-169.7	FOM=	0.52	TEST=	0
INDE	1	50	23	FOBS=	43.2	SIGMA=	6.8	PHAS=	140.4	FOM=	0.17	TEST=	0
INDE	1	50	27	FOBS=	136.2	SIGMA=	2.7	PHAS=	83.0	FOM=	0.65	TEST=	0
INDE	1	50	29	FOBS=	103.3	SIGMA=	3.4	PHAS=	-133.7	FOM=	0.58	TEST=	0
INDE	1	50	31	FOBS=	102.7	SIGMA=	3.4	PHAS=	-21.9	FOM=	0.86	TEST=	0
INDE	1	50	33	FOBS=	38.9	SIGMA=	8.6	PHAS=	-87.0	FOM=	0.45	TEST=	0
INDE	1	50	35	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	50	37	FOBS=	70.9	SIGMA=	3.0	PHAS=	-112.3	FOM=	0.17	TEST=	0
INDE	1	50	39	FOBS=	143.7	SIGMA=	1.3	PHAS=	153.6	FOM=	0.96	TEST=	0
INDE	1	50	41	FOBS=	74.6	SIGMA=	2.4	PHAS=	-65.3	FOM=	0.19	TEST=	0
INDE	1	50	43	FOBS=	9.2	SIGMA=	22.1	PHAS=	155.0	FOM=	0.02	TEST=	1
INDE	1	50	45	FOBS=	120.8	SIGMA=	1.5	PHAS=	103.9	FOM=	0.95	TEST=	0
INDE	1	50	47	FOBS=	110.8	SIGMA=	1.7	PHAS=	39.0	FOM=	0.60	TEST=	1
INDE	1	50	49	FOBS=	75.7	SIGMA=	3.0	PHAS=	66.7	FOM=	0.48	TEST=	1
INDE	1	50	51	FOBS=	44.3	SIGMA=	4.9	PHAS=	57.9	FOM=	0.36	TEST=	0
INDE	1	50	53	FOBS=	54.0	SIGMA=	3.6	PHAS=	-90.7	FOM=	0.66	TEST=	0
INDE	1	50	55	FOBS=	51.5	SIGMA=	3.7	PHAS=	55.6	FOM=	0.18	TEST=	1
INDE	1	50	57	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	50	59	FOBS=	46.0	SIGMA=	5.3	PHAS=	-116.0	FOM=	0.16	TEST=	1
INDE	1	51	2	FOBS=	271.5	SIGMA=	0.7	PHAS=	16.7	FOM=	0.47	TEST=	1
INDE	1	51	14	FOBS=	249.5	SIGMA=	0.8	PHAS=	55.4	FOM=	0.94	TEST=	0
INDE	1	51	16	FOBS=	191.2	SIGMA=	1.0	PHAS=	146.9	FOM=	0.96	TEST=	0
INDE	1	51	18	FOBS=	97.7	SIGMA=	2.0	PHAS=	-20.4	FOM=	0.53	TEST=	1
INDE	1	51	20	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	51	22	FOBS=	103.5	SIGMA=	2.0	PHAS=	-15.0	FOM=	0.90	TEST=	0
INDE	1	51	24	FOBS=	116.7	SIGMA=	2.7	PHAS=	48.8	FOM=	0.48	TEST=	0
INDE	1	51	26	FOBS=	78.2	SIGMA=	6.3	PHAS=	-147.9	FOM=	0.39	TEST=	0
INDE	1	51	28	FOBS=	108.3	SIGMA=	3.3	PHAS=	18.2	FOM=	0.67	TEST=	0

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INDE	1	51	30	FOBS=	71.2	SIGMA=	4.8	PHAS=	-118.0	FOM=	0.73	TEST=	0
INDE	1	51	32	FOBS=	76.1	SIGMA=	4.5	PHAS=	-7.7	FOM=	0.81	TEST=	0
INDE	1	51	34	FOBS=	80.8	SIGMA=	3.4	PHAS=	-113.8	FOM=	0.81	TEST=	0
INDE	1	51	36	FOBS=	76.2	SIGMA=	3.1	PHAS=	85.5	FOM=	0.89	TEST=	0
INDE	1	51	38	FOBS=	138.7	SIGMA=	1.5	PHAS=	51.7	FOM=	0.96	TEST=	0
INDE	1	51	40	FOBS=	69.8	SIGMA=	2.6	PHAS=	144.4	FOM=	0.83	TEST=	0
INDE	1	51	42	FOBS=	109.5	SIGMA=	1.7	PHAS=	179.6	FOM=	0.91	TEST=	0
INDE	1	51	44	FOBS=	104.2	SIGMA=	1.8	PHAS=	15.9	FOM=	0.92	TEST=	0
INDE	1	51	46	FOBS=	0.0	SIGMA=	18.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	51	48	FOBS=	23.7	SIGMA=	9.7	PHAS=	-31.7	FOM=	0.50	TEST=	0
INDE	1	51	50	FOBS=	60.1	SIGMA=	3.8	PHAS=	37.9	FOM=	0.65	TEST=	0
INDE	1	51	52	FOBS=	44.8	SIGMA=	5.9	PHAS=	-139.7	FOM=	0.14	TEST=	1
INDE	1	51	54	FOBS=	94.0	SIGMA=	2.0	PHAS=	132.4	FOM=	0.89	TEST=	0
INDE	1	51	56	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	51	58	FOBS=	39.5	SIGMA=	6.2	PHAS=	-125.4	FOM=	0.12	TEST=	0
INDE	1	52	1	FOBS=	103.0	SIGMA=	1.2	PHAS=	-116.9	FOM=	0.80	TEST=	0
INDE	1	52	3	FOBS=	157.1	SIGMA=	1.0	PHAS=	36.1	FOM=	0.92	TEST=	0
INDE	1	52	13	FOBS=	272.0	SIGMA=	1.0	PHAS=	14.9	FOM=	0.94	TEST=	0
INDE	1	52	15	FOBS=	113.0	SIGMA=	1.6	PHAS=	-36.8	FOM=	0.62	TEST=	1
INDE	1	52	17	FOBS=	110.4	SIGMA=	1.7	PHAS=	31.1	FOM=	0.86	TEST=	0
INDE	1	52	19	FOBS=	148.1	SIGMA=	1.4	PHAS=	-120.5	FOM=	0.95	TEST=	0
INDE	1	52	21	FOBS=	58.2	SIGMA=	3.6	PHAS=	-73.5	FOM=	0.89	TEST=	0
INDE	1	52	23	FOBS=	90.1	SIGMA=	2.3	PHAS=	-96.5	FOM=	0.86	TEST=	0
INDE	1	52	25	FOBS=	80.5	SIGMA=	3.7	PHAS=	55.7	FOM=	0.44	TEST=	0
INDE	1	52	27	FOBS=	49.8	SIGMA=	7.0	PHAS=	-120.9	FOM=	0.25	TEST=	0
INDE	1	52	29	FOBS=	62.1	SIGMA=	5.5	PHAS=	-134.6	FOM=	0.67	TEST=	0
INDE	1	52	31	FOBS=	101.2	SIGMA=	3.4	PHAS=	-93.6	FOM=	0.87	TEST=	0
INDE	1	52	33	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	52	35	FOBS=	53.3	SIGMA=	4.5	PHAS=	-94.2	FOM=	0.82	TEST=	0
INDE	1	52	37	FOBS=	136.6	SIGMA=	1.8	PHAS=	-73.3	FOM=	0.95	TEST=	0
INDE	1	52	39	FOBS=	74.0	SIGMA=	2.5	PHAS=	87.3	FOM=	0.84	TEST=	0
INDE	1	52	41	FOBS=	26.8	SIGMA=	7.3	PHAS=	55.5	FOM=	0.26	TEST=	0
INDE	1	52	43	FOBS=	83.3	SIGMA=	2.2	PHAS=	97.6	FOM=	0.85	TEST=	0
INDE	1	52	45	FOBS=	64.6	SIGMA=	2.8	PHAS=	82.4	FOM=	0.04	TEST=	1
INDE	1	52	47	FOBS=	33.1	SIGMA=	6.2	PHAS=	32.4	FOM=	0.34	TEST=	0
INDE	1	52	49	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	52	51	FOBS=	34.5	SIGMA=	7.1	PHAS=	-163.4	FOM=	0.68	TEST=	0
INDE	1	52	53	FOBS=	11.8	SIGMA=	15.3	PHAS=	-22.2	FOM=	0.23	TEST=	0
INDE	1	52	55	FOBS=	44.6	SIGMA=	4.3	PHAS=	14.7	FOM=	0.75	TEST=	0
INDE	1	52	57	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	53	2	FOBS=	220.9	SIGMA=	1.0	PHAS=	168.6	FOM=	0.96	TEST=	0
INDE	1	53	4	FOBS=	225.3	SIGMA=	1.0	PHAS=	-78.4	FOM=	0.91	TEST=	0
INDE	1	53	14	FOBS=	129.0	SIGMA=	1.4	PHAS=	-131.0	FOM=	0.77	TEST=	0
INDE	1	53	16	FOBS=	162.4	SIGMA=	1.2	PHAS=	-166.5	FOM=	0.91	TEST=	0
INDE	1	53	18	FOBS=	142.6	SIGMA=	1.4	PHAS=	-56.2	FOM=	0.89	TEST=	0
INDE	1	53	20	FOBS=	270.4	SIGMA=	0.9	PHAS=	-160.8	FOM=	0.97	TEST=	0
INDE	1	53	22	FOBS=	90.9	SIGMA=	2.3	PHAS=	154.9	FOM=	0.91	TEST=	0
INDE	1	53	24	FOBS=	90.2	SIGMA=	2.3	PHAS=	100.5	FOM=	0.83	TEST=	0
INDE	1	53	26	FOBS=	119.9	SIGMA=	2.2	PHAS=	-165.5	FOM=	0.85	TEST=	0
INDE	1	53	28	FOBS=	21.7	SIGMA=	15.7	PHAS=	-88.4	FOM=	0.05	TEST=	0
INDE	1	53	30	FOBS=	140.9	SIGMA=	2.6	PHAS=	133.2	FOM=	0.94	TEST=	0
INDE	1	53	32	FOBS=	28.3	SIGMA=	11.8	PHAS=	-28.6	FOM=	0.33	TEST=	0
INDE	1	53	34	FOBS=	150.1	SIGMA=	1.9	PHAS=	-133.3	FOM=	0.97	TEST=	0
INDE	1	53	36	FOBS=	63.2	SIGMA=	3.7	PHAS=	-69.3	FOM=	0.76	TEST=	0
INDE	1	53	38	FOBS=	107.4	SIGMA=	2.2	PHAS=	106.9	FOM=	0.90	TEST=	0
INDE	1	53	40	FOBS=	51.5	SIGMA=	3.5	PHAS=	160.0	FOM=	0.14	TEST=	0
INDE	1	53	42	FOBS=	23.7	SIGMA=	7.5	PHAS=	91.0	FOM=	0.35	TEST=	0
INDE	1	53	44	FOBS=	95.2	SIGMA=	1.9	PHAS=	-34.9	FOM=	0.89	TEST=	0
INDE	1	53	46	FOBS=	42.0	SIGMA=	4.2	PHAS=	-110.4	FOM=	0.51	TEST=	0
INDE	1	53	48	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	53	50	FOBS=	44.1	SIGMA=	5.6	PHAS=	104.7	FOM=	0.52	TEST=	0
INDE	1	53	52	FOBS=	14.8	SIGMA=	14.3	PHAS=	105.2	FOM=	0.23	TEST=	0
INDE	1	53	54	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	1	53	56	FOBS=	23.0	SIGMA=	15.6	PHAS=	177.8	FOM=	0.19	TEST=	0
INDE	1	54	1	FOBS=	220.0	SIGMA=	0.8	PHAS=	95.4	FOM=	0.96	TEST=	0
INDE	1	54	3	FOBS=	171.9	SIGMA=	1.4	PHAS=	92.4	FOM=	0.92	TEST=	0
INDE	1	54	15	FOBS=	102.1	SIGMA=	1.7	PHAS=	-156.1	FOM=	0.77	TEST=	0
INDE	1	54	17	FOBS=	68.1	SIGMA=	2.7	PHAS=	172.9	FOM=	0.61	TEST=	0
INDE	1	54	19	FOBS=	171.5	SIGMA=	1.2	PHAS=	179.4	FOM=	0.96	TEST=	0
INDE	1	54	21	FOBS=	68.0	SIGMA=	2.9	PHAS=	63.9	FOM=	0.60	TEST=	0

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INDE	1	54	23	FOBS=	112.2	SIGMA=	1.9	PHAS=	37.0	FOM=	0.94	TEST=	0
INDE	1	54	25	FOBS=	76.1	SIGMA=	2.8	PHAS=	94.9	FOM=	0.77	TEST=	0
INDE	1	54	27	FOBS=	45.6	SIGMA=	4.9	PHAS=	-166.1	FOM=	0.12	TEST=	0
INDE	1	54	29	FOBS=	70.2	SIGMA=	4.9	PHAS=	-22.1	FOM=	0.87	TEST=	0
INDE	1	54	31	FOBS=	46.3	SIGMA=	7.2	PHAS=	-34.0	FOM=	0.45	TEST=	0
INDE	1	54	33	FOBS=	121.7	SIGMA=	2.3	PHAS=	-178.0	FOM=	0.94	TEST=	0
INDE	1	54	35	FOBS=	135.0	SIGMA=	1.9	PHAS=	-162.3	FOM=	0.79	TEST=	1
INDE	1	54	37	FOBS=	70.1	SIGMA=	3.4	PHAS=	-109.0	FOM=	0.90	TEST=	0
INDE	1	54	39	FOBS=	46.3	SIGMA=	4.6	PHAS=	85.1	FOM=	0.49	TEST=	0
INDE	1	54	41	FOBS=	19.6	SIGMA=	9.0	PHAS=	65.1	FOM=	0.27	TEST=	1
INDE	1	54	43	FOBS=	49.2	SIGMA=	3.7	PHAS=	-38.9	FOM=	0.20	TEST=	0
INDE	1	54	45	FOBS=	13.5	SIGMA=	14.4	PHAS=	-106.1	FOM=	0.11	TEST=	0
INDE	1	54	47	FOBS=	3.9	SIGMA=	66.2	PHAS=	172.3	FOM=	0.02	TEST=	1
INDE	1	54	49	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	54	51	FOBS=	29.8	SIGMA=	7.8	PHAS=	9.8	FOM=	0.33	TEST=	0
INDE	1	54	53	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	54	55	FOBS=	57.4	SIGMA=	4.9	PHAS=	56.4	FOM=	0.42	TEST=	1
INDE	1	55	2	FOBS=	134.8	SIGMA=	1.1	PHAS=	-20.6	FOM=	0.72	TEST=	0
INDE	1	55	4	FOBS=	122.4	SIGMA=	1.2	PHAS=	-144.1	FOM=	0.97	TEST=	0
INDE	1	55	16	FOBS=	113.1	SIGMA=	1.6	PHAS=	99.7	FOM=	0.92	TEST=	0
INDE	1	55	18	FOBS=	99.5	SIGMA=	1.8	PHAS=	133.5	FOM=	0.70	TEST=	0
INDE	1	55	20	FOBS=	66.9	SIGMA=	2.8	PHAS=	171.4	FOM=	0.47	TEST=	1
INDE	1	55	22	FOBS=	121.4	SIGMA=	1.7	PHAS=	149.7	FOM=	0.63	TEST=	0
INDE	1	55	24	FOBS=	151.0	SIGMA=	1.5	PHAS=	-15.8	FOM=	0.94	TEST=	0
INDE	1	55	26	FOBS=	152.6	SIGMA=	1.6	PHAS=	-129.9	FOM=	0.94	TEST=	0
INDE	1	55	28	FOBS=	43.3	SIGMA=	5.2	PHAS=	14.6	FOM=	0.26	TEST=	0
INDE	1	55	30	FOBS=	25.5	SIGMA=	13.2	PHAS=	-89.4	FOM=	0.00	TEST=	1
INDE	1	55	32	FOBS=	5.6	SIGMA=	60.0	PHAS=	2.3	FOM=	0.06	TEST=	0
INDE	1	55	34	FOBS=	81.4	SIGMA=	3.0	PHAS=	93.4	FOM=	0.81	TEST=	0
INDE	1	55	36	FOBS=	71.0	SIGMA=	3.3	PHAS=	140.9	FOM=	0.09	TEST=	1
INDE	1	55	38	FOBS=	64.7	SIGMA=	3.7	PHAS=	30.3	FOM=	0.82	TEST=	0
INDE	1	55	40	FOBS=	87.9	SIGMA=	2.2	PHAS=	95.2	FOM=	0.88	TEST=	0
INDE	1	55	42	FOBS=	63.8	SIGMA=	2.8	PHAS=	45.1	FOM=	0.59	TEST=	0
INDE	1	55	44	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	55	46	FOBS=	18.7	SIGMA=	10.4	PHAS=	64.0	FOM=	0.06	TEST=	0
INDE	1	55	48	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	55	50	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	55	52	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	55	54	FOBS=	43.7	SIGMA=	7.3	PHAS=	104.9	FOM=	0.29	TEST=	0
INDE	1	56	1	FOBS=	130.8	SIGMA=	1.6	PHAS=	107.1	FOM=	0.88	TEST=	0
INDE	1	56	3	FOBS=	91.0	SIGMA=	1.6	PHAS=	111.1	FOM=	0.75	TEST=	0
INDE	1	56	15	FOBS=	149.1	SIGMA=	1.6	PHAS=	-18.5	FOM=	0.86	TEST=	0
INDE	1	56	17	FOBS=	24.5	SIGMA=	7.0	PHAS=	37.1	FOM=	0.30	TEST=	0
INDE	1	56	19	FOBS=	69.7	SIGMA=	2.6	PHAS=	-95.3	FOM=	0.68	TEST=	0
INDE	1	56	21	FOBS=	54.1	SIGMA=	3.5	PHAS=	-24.6	FOM=	0.87	TEST=	0
INDE	1	56	23	FOBS=	69.5	SIGMA=	2.9	PHAS=	67.1	FOM=	0.76	TEST=	0
INDE	1	56	25	FOBS=	129.6	SIGMA=	1.6	PHAS=	-172.7	FOM=	0.94	TEST=	0
INDE	1	56	27	FOBS=	93.4	SIGMA=	2.5	PHAS=	133.6	FOM=	0.91	TEST=	0
INDE	1	56	29	FOBS=	46.1	SIGMA=	4.8	PHAS=	-54.3	FOM=	0.52	TEST=	0
INDE	1	56	31	FOBS=	33.2	SIGMA=	10.1	PHAS=	139.6	FOM=	0.47	TEST=	0
INDE	1	56	33	FOBS=	91.5	SIGMA=	3.1	PHAS=	-136.8	FOM=	0.92	TEST=	0
INDE	1	56	35	FOBS=	110.2	SIGMA=	2.2	PHAS=	-160.1	FOM=	0.91	TEST=	0
INDE	1	56	37	FOBS=	60.8	SIGMA=	3.9	PHAS=	-90.2	FOM=	0.86	TEST=	0
INDE	1	56	39	FOBS=	111.2	SIGMA=	2.2	PHAS=	-38.0	FOM=	0.86	TEST=	0
INDE	1	56	41	FOBS=	72.0	SIGMA=	2.5	PHAS=	-98.0	FOM=	0.15	TEST=	0
INDE	1	56	43	FOBS=	16.5	SIGMA=	11.3	PHAS=	3.2	FOM=	0.28	TEST=	1
INDE	1	56	45	FOBS=	82.9	SIGMA=	2.2	PHAS=	2.6	FOM=	0.74	TEST=	0
INDE	1	56	47	FOBS=	20.0	SIGMA=	11.8	PHAS=	-27.9	FOM=	0.15	TEST=	0
INDE	1	56	49	FOBS=	21.1	SIGMA=	12.4	PHAS=	-95.3	FOM=	0.12	TEST=	0
INDE	1	56	51	FOBS=	36.4	SIGMA=	7.1	PHAS=	-42.4	FOM=	0.23	TEST=	0
INDE	1	56	53	FOBS=	0.0	SIGMA=	25.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	57	2	FOBS=	116.7	SIGMA=	1.2	PHAS=	0.9	FOM=	0.86	TEST=	0
INDE	1	57	4	FOBS=	145.5	SIGMA=	1.2	PHAS=	174.0	FOM=	0.91	TEST=	0
INDE	1	57	16	FOBS=	26.2	SIGMA=	6.3	PHAS=	-69.4	FOM=	0.31	TEST=	0
INDE	1	57	18	FOBS=	87.1	SIGMA=	2.1	PHAS=	130.1	FOM=	0.89	TEST=	0
INDE	1	57	20	FOBS=	45.0	SIGMA=	4.1	PHAS=	-93.8	FOM=	0.21	TEST=	0
INDE	1	57	22	FOBS=	65.5	SIGMA=	2.9	PHAS=	127.3	FOM=	0.49	TEST=	0
INDE	1	57	24	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	57	26	FOBS=	68.7	SIGMA=	2.6	PHAS=	-51.4	FOM=	0.82	TEST=	0
INDE	1	57	28	FOBS=	36.1	SIGMA=	6.3	PHAS=	33.3	FOM=	0.77	TEST=	0

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INDE	1	57	30	FOBS=	40.0	SIGMA=	6.4	PHAS=	40.9	FOM=	0.47	TEST=	0
INDE	1	57	32	FOBS=	57.1	SIGMA=	4.8	PHAS=	62.7	FOM=	0.25	TEST=	1
INDE	1	57	34	FOBS=	145.9	SIGMA=	1.8	PHAS=	60.0	FOM=	0.21	TEST=	1
INDE	1	57	36	FOBS=	71.1	SIGMA=	3.4	PHAS=	-152.7	FOM=	0.81	TEST=	0
INDE	1	57	38	FOBS=	46.8	SIGMA=	5.0	PHAS=	54.0	FOM=	0.17	TEST=	1
INDE	1	57	40	FOBS=	54.3	SIGMA=	4.3	PHAS=	137.7	FOM=	0.72	TEST=	0
INDE	1	57	42	FOBS=	71.1	SIGMA=	2.6	PHAS=	-84.4	FOM=	0.15	TEST=	1
INDE	1	57	44	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	1	57	46	FOBS=	34.1	SIGMA=	7.2	PHAS=	-86.4	FOM=	0.45	TEST=	0
INDE	1	57	48	FOBS=	64.3	SIGMA=	3.8	PHAS=	3.1	FOM=	0.78	TEST=	0
INDE	1	57	50	FOBS=	28.1	SIGMA=	11.2	PHAS=	-70.7	FOM=	0.23	TEST=	0
INDE	1	57	52	FOBS=	28.1	SIGMA=	11.5	PHAS=	155.7	FOM=	0.28	TEST=	0
INDE	1	58	1	FOBS=	107.6	SIGMA=	2.0	PHAS=	-175.0	FOM=	0.94	TEST=	0
INDE	1	58	3	FOBS=	143.1	SIGMA=	1.0	PHAS=	28.5	FOM=	0.95	TEST=	0
INDE	1	58	5	FOBS=	66.8	SIGMA=	2.9	PHAS=	-107.3	FOM=	0.83	TEST=	0
INDE	1	58	17	FOBS=	40.6	SIGMA=	4.1	PHAS=	66.8	FOM=	0.15	TEST=	0
INDE	1	58	19	FOBS=	58.1	SIGMA=	3.1	PHAS=	12.8	FOM=	0.67	TEST=	1
INDE	1	58	21	FOBS=	35.0	SIGMA=	5.2	PHAS=	-116.7	FOM=	0.64	TEST=	0
INDE	1	58	23	FOBS=	58.5	SIGMA=	3.1	PHAS=	148.3	FOM=	0.73	TEST=	0
INDE	1	58	25	FOBS=	92.0	SIGMA=	2.0	PHAS=	-139.9	FOM=	0.89	TEST=	0
INDE	1	58	27	FOBS=	88.1	SIGMA=	2.1	PHAS=	-121.5	FOM=	0.67	TEST=	1
INDE	1	58	29	FOBS=	12.2	SIGMA=	24.7	PHAS=	-142.6	FOM=	0.15	TEST=	0
INDE	1	58	31	FOBS=	24.3	SIGMA=	13.8	PHAS=	30.5	FOM=	0.24	TEST=	0
INDE	1	58	33	FOBS=	32.0	SIGMA=	7.5	PHAS=	131.8	FOM=	0.50	TEST=	0
INDE	1	58	35	FOBS=	69.1	SIGMA=	3.5	PHAS=	129.1	FOM=	0.84	TEST=	0
INDE	1	58	37	FOBS=	13.3	SIGMA=	20.1	PHAS=	109.4	FOM=	0.22	TEST=	0
INDE	1	58	39	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	1	58	41	FOBS=	96.8	SIGMA=	2.3	PHAS=	159.9	FOM=	0.84	TEST=	0
INDE	1	58	43	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	58	45	FOBS=	10.1	SIGMA=	20.7	PHAS=	76.0	FOM=	0.09	TEST=	0
INDE	1	58	47	FOBS=	60.8	SIGMA=	4.0	PHAS=	-97.1	FOM=	0.85	TEST=	0
INDE	1	58	49	FOBS=	68.0	SIGMA=	4.9	PHAS=	-131.8	FOM=	0.90	TEST=	0
INDE	1	58	51	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	59	2	FOBS=	52.5	SIGMA=	3.1	PHAS=	-41.2	FOM=	0.67	TEST=	0
INDE	1	59	4	FOBS=	88.3	SIGMA=	1.6	PHAS=	-80.7	FOM=	0.32	TEST=	0
INDE	1	59	16	FOBS=	5.9	SIGMA=	51.2	PHAS=	-7.8	FOM=	0.13	TEST=	0
INDE	1	59	18	FOBS=	44.4	SIGMA=	3.8	PHAS=	60.3	FOM=	0.82	TEST=	0
INDE	1	59	20	FOBS=	32.5	SIGMA=	5.6	PHAS=	19.9	FOM=	0.57	TEST=	0
INDE	1	59	22	FOBS=	68.0	SIGMA=	2.8	PHAS=	117.3	FOM=	0.62	TEST=	1
INDE	1	59	24	FOBS=	5.0	SIGMA=	36.8	PHAS=	145.5	FOM=	0.12	TEST=	0
INDE	1	59	26	FOBS=	43.5	SIGMA=	4.1	PHAS=	-167.6	FOM=	0.51	TEST=	0
INDE	1	59	28	FOBS=	77.9	SIGMA=	2.7	PHAS=	88.9	FOM=	0.86	TEST=	0
INDE	1	59	30	FOBS=	71.0	SIGMA=	3.3	PHAS=	145.1	FOM=	0.39	TEST=	0
INDE	1	59	32	FOBS=	68.3	SIGMA=	4.1	PHAS=	16.9	FOM=	0.87	TEST=	0
INDE	1	59	34	FOBS=	105.8	SIGMA=	2.4	PHAS=	35.1	FOM=	0.94	TEST=	0
INDE	1	59	36	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	59	38	FOBS=	72.5	SIGMA=	3.4	PHAS=	-126.2	FOM=	0.74	TEST=	0
INDE	1	59	40	FOBS=	64.6	SIGMA=	3.7	PHAS=	139.1	FOM=	0.55	TEST=	0
INDE	1	59	42	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	59	44	FOBS=	35.9	SIGMA=	5.1	PHAS=	158.3	FOM=	0.30	TEST=	0
INDE	1	59	46	FOBS=	74.2	SIGMA=	3.1	PHAS=	157.5	FOM=	0.70	TEST=	0
INDE	1	59	48	FOBS=	36.4	SIGMA=	8.9	PHAS=	139.7	FOM=	0.67	TEST=	0
INDE	1	59	50	FOBS=	25.3	SIGMA=	12.9	PHAS=	166.8	FOM=	0.53	TEST=	0
INDE	1	60	1	FOBS=	98.2	SIGMA=	2.2	PHAS=	126.1	FOM=	0.76	TEST=	0
INDE	1	60	3	FOBS=	73.8	SIGMA=	1.8	PHAS=	-29.8	FOM=	0.77	TEST=	0
INDE	1	60	5	FOBS=	32.2	SIGMA=	4.4	PHAS=	157.3	FOM=	0.21	TEST=	0
INDE	1	60	17	FOBS=	80.0	SIGMA=	2.8	PHAS=	-75.8	FOM=	0.86	TEST=	0
INDE	1	60	19	FOBS=	82.7	SIGMA=	3.0	PHAS=	-19.1	FOM=	0.81	TEST=	0
INDE	1	60	21	FOBS=	38.2	SIGMA=	6.8	PHAS=	-171.9	FOM=	0.09	TEST=	0
INDE	1	60	23	FOBS=	38.5	SIGMA=	6.1	PHAS=	-172.7	FOM=	0.43	TEST=	0
INDE	1	60	25	FOBS=	66.9	SIGMA=	3.4	PHAS=	70.1	FOM=	0.12	TEST=	1
INDE	1	60	27	FOBS=	81.3	SIGMA=	2.9	PHAS=	-64.5	FOM=	0.87	TEST=	0
INDE	1	60	29	FOBS=	23.1	SIGMA=	10.2	PHAS=	178.3	FOM=	0.26	TEST=	0
INDE	1	60	31	FOBS=	65.7	SIGMA=	3.7	PHAS=	-86.8	FOM=	0.23	TEST=	1
INDE	1	60	33	FOBS=	91.6	SIGMA=	2.7	PHAS=	-26.9	FOM=	0.82	TEST=	0
INDE	1	60	35	FOBS=	61.0	SIGMA=	4.0	PHAS=	-109.7	FOM=	0.75	TEST=	0
INDE	1	60	37	FOBS=	48.7	SIGMA=	5.0	PHAS=	116.8	FOM=	0.86	TEST=	0
INDE	1	60	39	FOBS=	48.6	SIGMA=	5.0	PHAS=	-168.3	FOM=	0.51	TEST=	0
INDE	1	60	41	FOBS=	24.3	SIGMA=	11.5	PHAS=	-157.3	FOM=	0.28	TEST=	0
INDE	1	60	43	FOBS=	10.5	SIGMA=	18.2	PHAS=	-160.9	FOM=	0.15	TEST=	0

FIG. 12A - 47

Figure 1 consists of 11 histograms, one for each k from 0 to 10. Each histogram shows the frequency of the number of non-zero elements in the vector x_k . The x-axis for all histograms is labeled x_k and has tick marks at 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10. The y-axis is labeled 'count' and has tick marks at 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10. The distributions are roughly bell-shaped and centered around 5. The peak count for each distribution is 10, occurring at $x_k = 5$. The distributions are slightly skewed to the right, with a longer tail extending towards higher values of x_k .

FIG. 12A - 48

INDE 1 65 2 FOBS= 115.8 SIGMA= 2.7 PHAS= -147.2 FOM= 0.87 TEST= 0
INDE 1 65 4 FOBS= 50.8 SIGMA= 3.8 PHAS= -108.8 FOM= 0.76 TEST= 0
INDE 1 65 6 FOBS= 32.5 SIGMA= 6.3 PHAS= 30.4 FOM= 0.37 TEST= 0
INDE 1 65 20 FOBS= 50.9 SIGMA= 4.1 PHAS= 147.7 FOM= 0.76 TEST= 0
INDE 1 65 22 FOBS= 71.3 SIGMA= 2.9 PHAS= 31.9 FOM= 0.83 TEST= 0
INDE 1 65 24 FOBS= 0.0 SIGMA= 20.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 1 65 26 FOBS= 43.9 SIGMA= 5.0 PHAS= -68.0 FOM= 0.18 TEST= 0
INDE 1 65 28 FOBS= 66.3 SIGMA= 3.2 PHAS= 151.8 FOM= 0.74 TEST= 0
INDE 1 65 30 FOBS= 26.0 SIGMA= 10.8 PHAS= 96.7 FOM= 0.64 TEST= 0
INDE 1 65 32 FOBS= 23.0 SIGMA= 9.7 PHAS= 113.6 FOM= 0.49 TEST= 0
INDE 1 65 34 FOBS= 55.1 SIGMA= 3.8 PHAS= -107.8 FOM= 0.84 TEST= 0
INDE 1 65 36 FOBS= 52.6 SIGMA= 4.3 PHAS= -47.7 FOM= 0.04 TEST= 1
INDE 1 65 38 FOBS= 71.7 SIGMA= 3.6 PHAS= -37.1 FOM= 0.84 TEST= 0
INDE 1 65 40 FOBS= 41.6 SIGMA= 6.2 PHAS= 13.0 FOM= 0.77 TEST= 0
INDE 1 65 42 FOBS= 59.2 SIGMA= 4.4 PHAS= -38.2 FOM= 0.85 TEST= 0
INDE 1 66 5 FOBS= 20.3 SIGMA= 9.3 PHAS= -5.0 FOM= 0.47 TEST= 0
INDE 1 66 7 FOBS= 46.9 SIGMA= 4.6 PHAS= -3.4 FOM= 0.19 TEST= 0
INDE 1 66 19 FOBS= 71.5 SIGMA= 6.9 PHAS= 103.4 FOM= 0.29 TEST= 0
INDE 1 66 21 FOBS= 65.0 SIGMA= 3.1 PHAS= -83.2 FOM= 0.07 TEST= 1
INDE 1 66 23 FOBS= 68.1 SIGMA= 3.2 PHAS= -169.6 FOM= 0.82 TEST= 0
INDE 1 66 25 FOBS= 40.0 SIGMA= 5.6 PHAS= 110.9 FOM= 0.55 TEST= 0
INDE 1 66 27 FOBS= 25.9 SIGMA= 9.6 PHAS= 160.5 FOM= 0.18 TEST= 0
INDE 1 66 29 FOBS= 53.4 SIGMA= 3.7 PHAS= 61.0 FOM= 0.79 TEST= 0
INDE 1 66 31 FOBS= 88.7 SIGMA= 2.6 PHAS= 17.9 FOM= 0.94 TEST= 0
INDE 1 66 33 FOBS= 103.1 SIGMA= 2.1 PHAS= 74.4 FOM= 0.91 TEST= 0
INDE 1 66 35 FOBS= 35.3 SIGMA= 6.5 PHAS= 134.2 FOM= 0.45 TEST= 0
INDE 1 66 37 FOBS= 38.4 SIGMA= 6.0 PHAS= -124.5 FOM= 0.66 TEST= 0
INDE 1 66 39 FOBS= 37.8 SIGMA= 6.8 PHAS= -81.6 FOM= 0.70 TEST= 0
INDE 1 66 41 FOBS= 31.2 SIGMA= 12.0 PHAS= -137.8 FOM= 0.52 TEST= 0
INDE 1 67 4 FOBS= 86.2 SIGMA= 3.3 PHAS= -133.2 FOM= 0.77 TEST= 0
INDE 1 67 6 FOBS= 4.6 SIGMA= 41.6 PHAS= -0.5 FOM= 0.10 TEST= 1
INDE 1 67 18 FOBS= 43.4 SIGMA= 11.1 PHAS= -134.9 FOM= 0.50 TEST= 0
INDE 1 67 20 FOBS= 0.0 SIGMA= 26.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 1 67 22 FOBS= 32.7 SIGMA= 6.8 PHAS= 52.2 FOM= 0.29 TEST= 0
INDE 1 67 24 FOBS= 31.3 SIGMA= 7.0 PHAS= 38.0 FOM= 0.10 TEST= 1
INDE 1 67 26 FOBS= 77.3 SIGMA= 3.0 PHAS= -164.0 FOM= 0.83 TEST= 0
INDE 1 67 28 FOBS= 57.2 SIGMA= 3.7 PHAS= -24.3 FOM= 0.25 TEST= 1
INDE 1 67 30 FOBS= 62.0 SIGMA= 3.3 PHAS= 56.2 FOM= 0.85 TEST= 0
INDE 1 67 32 FOBS= 45.4 SIGMA= 5.0 PHAS= -136.7 FOM= 0.56 TEST= 0
INDE 1 67 34 FOBS= 87.7 SIGMA= 2.7 PHAS= -52.7 FOM= 0.92 TEST= 0
INDE 1 67 36 FOBS= 60.3 SIGMA= 3.5 PHAS= -178.4 FOM= 0.83 TEST= 0
INDE 1 67 38 FOBS= 20.9 SIGMA= 11.2 PHAS= -64.4 FOM= 0.14 TEST= 0
INDE 1 68 3 FOBS= 129.2 SIGMA= 2.4 PHAS= -31.2 FOM= 0.92 TEST= 0
INDE 1 68 5 FOBS= 34.3 SIGMA= 5.6 PHAS= 57.2 FOM= 0.59 TEST= 0
INDE 1 68 7 FOBS= 63.4 SIGMA= 3.3 PHAS= 11.2 FOM= 0.88 TEST= 0
INDE 1 68 17 FOBS= 97.9 SIGMA= 5.1 PHAS= 106.0 FOM= 0.75 TEST= 0
INDE 1 68 19 FOBS= 73.4 SIGMA= 4.9 PHAS= -21.3 FOM= 0.39 TEST= 0
INDE 1 68 21 FOBS= 14.9 SIGMA= 16.2 PHAS= -170.4 FOM= 0.58 TEST= 0
INDE 1 68 23 FOBS= 124.1 SIGMA= 1.8 PHAS= -163.1 FOM= 0.94 TEST= 0
INDE 1 68 25 FOBS= 102.6 SIGMA= 2.3 PHAS= 56.2 FOM= 0.48 TEST= 1
INDE 1 68 27 FOBS= 0.0 SIGMA= 21.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 1 68 29 FOBS= 0.0 SIGMA= 19.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 1 68 31 FOBS= 26.7 SIGMA= 8.5 PHAS= 50.9 FOM= 0.15 TEST= 1
INDE 1 68 33 FOBS= 14.9 SIGMA= 15.3 PHAS= 135.2 FOM= 0.36 TEST= 0
INDE 1 68 35 FOBS= 64.2 SIGMA= 3.7 PHAS= 164.0 FOM= 0.91 TEST= 0
INDE 1 68 37 FOBS= 0.0 SIGMA= 24.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 1 69 4 FOBS= 55.7 SIGMA= 5.3 PHAS= 170.9 FOM= 0.34 TEST= 0
INDE 1 69 6 FOBS= 55.9 SIGMA= 3.4 PHAS= -147.0 FOM= 0.84 TEST= 0
INDE 1 69 8 FOBS= 22.0 SIGMA= 9.8 PHAS= -124.6 FOM= 0.30 TEST= 0
INDE 1 69 18 FOBS= 57.6 SIGMA= 6.2 PHAS= -40.2 FOM= 0.58 TEST= 0
INDE 1 69 20 FOBS= 42.3 SIGMA= 8.6 PHAS= 121.9 FOM= 0.55 TEST= 0
INDE 1 69 22 FOBS= 141.6 SIGMA= 1.6 PHAS= 49.9 FOM= 0.95 TEST= 0
INDE 1 69 24 FOBS= 51.2 SIGMA= 5.2 PHAS= 37.5 FOM= 0.74 TEST= 0
INDE 1 69 26 FOBS= 0.0 SIGMA= 21.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 1 69 28 FOBS= 63.3 SIGMA= 3.2 PHAS= 39.6 FOM= 0.75 TEST= 0
INDE 1 69 30 FOBS= 91.6 SIGMA= 2.3 PHAS= -62.4 FOM= 0.83 TEST= 0
INDE 1 69 32 FOBS= 45.2 SIGMA= 4.6 PHAS= -29.1 FOM= 0.66 TEST= 0
INDE 1 69 34 FOBS= 13.5 SIGMA= 19.5 PHAS= -46.7 FOM= 0.36 TEST= 0
INDE 1 70 5 FOBS= 53.7 SIGMA= 5.1 PHAS= 16.4 FOM= 0.79 TEST= 0
INDE 1 70 7 FOBS= 95.5 SIGMA= 2.1 PHAS= 21.3 FOM= 0.92 TEST= 0

FIG. 12A - 49

INDE	1	70	19	FOBS=	0.0	SIGMA=	32.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	70	21	FOBS=	101.6	SIGMA=	5.5	PHAS=	-96.5	FOM=	0.94	TEST=	0
INDE	1	70	23	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	70	25	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	70	27	FOBS=	70.6	SIGMA=	2.9	PHAS=	-101.4	FOM=	0.92	TEST=	0
INDE	1	70	29	FOBS=	96.8	SIGMA=	2.1	PHAS=	139.4	FOM=	0.92	TEST=	0
INDE	1	70	31	FOBS=	41.3	SIGMA=	5.1	PHAS=	-154.6	FOM=	0.61	TEST=	0
INDE	1	70	33	FOBS=	42.4	SIGMA=	5.1	PHAS=	162.4	FOM=	0.68	TEST=	0
INDE	1	71	4	FOBS=	48.6	SIGMA=	6.1	PHAS=	-89.0	FOM=	0.75	TEST=	0
INDE	1	71	6	FOBS=	58.2	SIGMA=	3.3	PHAS=	-148.4	FOM=	0.71	TEST=	0
INDE	1	71	8	FOBS=	44.2	SIGMA=	4.8	PHAS=	-67.6	FOM=	0.82	TEST=	0
INDE	1	71	24	FOBS=	4.4	SIGMA=	52.1	PHAS=	144.4	FOM=	0.02	TEST=	0
INDE	1	71	26	FOBS=	28.0	SIGMA=	8.1	PHAS=	137.9	FOM=	0.48	TEST=	0
INDE	1	71	28	FOBS=	34.4	SIGMA=	6.0	PHAS=	99.0	FOM=	0.80	TEST=	0
INDE	1	71	30	FOBS=	37.3	SIGMA=	8.4	PHAS=	96.4	FOM=	0.21	TEST=	1
INDE	1	72	5	FOBS=	23.1	SIGMA=	12.6	PHAS=	-172.0	FOM=	0.58	TEST=	0
INDE	1	72	7	FOBS=	21.4	SIGMA=	8.9	PHAS=	9.6	FOM=	0.83	TEST=	0
INDE	1	72	9	FOBS=	71.9	SIGMA=	3.1	PHAS=	169.9	FOM=	0.79	TEST=	0
INDE	1	72	23	FOBS=	20.7	SIGMA=	16.1	PHAS=	52.3	FOM=	0.16	TEST=	0
INDE	1	72	25	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	72	27	FOBS=	39.3	SIGMA=	7.7	PHAS=	119.1	FOM=	0.33	TEST=	0
INDE	1	72	29	FOBS=	70.4	SIGMA=	3.7	PHAS=	141.6	FOM=	0.62	TEST=	0
INDE	1	73	6	FOBS=	35.1	SIGMA=	7.8	PHAS=	11.4	FOM=	0.54	TEST=	0
INDE	1	73	8	FOBS=	37.6	SIGMA=	5.1	PHAS=	-45.8	FOM=	0.61	TEST=	0
INDE	1	73	10	FOBS=	49.8	SIGMA=	5.8	PHAS=	180.0	FOM=	0.00	TEST=	1
INDE	1	73	24	FOBS=	13.4	SIGMA=	26.0	PHAS=	108.2	FOM=	0.03	TEST=	1
INDE	1	73	26	FOBS=	35.8	SIGMA=	7.8	PHAS=	-16.6	FOM=	0.52	TEST=	0
INDE	1	74	5	FOBS=	35.8	SIGMA=	8.1	PHAS=	-62.3	FOM=	0.36	TEST=	0
INDE	1	74	7	FOBS=	64.6	SIGMA=	2.9	PHAS=	-45.0	FOM=	0.82	TEST=	0
INDE	1	74	9	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	75	6	FOBS=	97.0	SIGMA=	3.1	PHAS=	-53.0	FOM=	0.81	TEST=	0
INDE	1	75	8	FOBS=	49.8	SIGMA=	3.8	PHAS=	-116.0	FOM=	0.82	TEST=	0
INDE	1	75	10	FOBS=	20.8	SIGMA=	10.8	PHAS=	139.6	FOM=	0.06	TEST=	0
INDE	1	76	7	FOBS=	81.1	SIGMA=	3.7	PHAS=	109.5	FOM=	0.29	TEST=	0
INDE	1	76	9	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	1	76	11	FOBS=	8.7	SIGMA=	34.5	PHAS=	110.7	FOM=	0.17	TEST=	0
INDE	1	77	6	FOBS=	55.1	SIGMA=	5.4	PHAS=	-93.9	FOM=	0.62	TEST=	0
INDE	1	77	8	FOBS=	44.4	SIGMA=	4.4	PHAS=	-9.0	FOM=	0.56	TEST=	0
INDE	1	77	10	FOBS=	60.6	SIGMA=	3.8	PHAS=	110.6	FOM=	0.67	TEST=	0
INDE	2	3	19	FOBS=	85.9	SIGMA=	1.0	PHAS=	64.5	FOM=	0.74	TEST=	0
INDE	2	3	21	FOBS=	243.1	SIGMA=	0.6	PHAS=	151.1	FOM=	0.92	TEST=	0
INDE	2	3	23	FOBS=	325.6	SIGMA=	0.5	PHAS=	-145.4	FOM=	0.89	TEST=	0
INDE	2	3	25	FOBS=	68.8	SIGMA=	1.4	PHAS=	22.9	FOM=	0.70	TEST=	0
INDE	2	3	27	FOBS=	189.2	SIGMA=	0.7	PHAS=	-38.9	FOM=	0.98	TEST=	0
INDE	2	3	29	FOBS=	146.8	SIGMA=	0.9	PHAS=	15.0	FOM=	0.94	TEST=	0
INDE	2	3	31	FOBS=	265.1	SIGMA=	0.6	PHAS=	-154.9	FOM=	0.97	TEST=	0
INDE	2	3	33	FOBS=	141.3	SIGMA=	1.0	PHAS=	102.7	FOM=	0.91	TEST=	0
INDE	2	3	35	FOBS=	232.9	SIGMA=	0.7	PHAS=	0.5	FOM=	0.96	TEST=	0
INDE	2	3	37	FOBS=	274.6	SIGMA=	0.7	PHAS=	-9.1	FOM=	0.96	TEST=	0
INDE	2	3	39	FOBS=	443.0	SIGMA=	0.6	PHAS=	55.3	FOM=	0.97	TEST=	0
INDE	2	3	41	FOBS=	92.3	SIGMA=	1.4	PHAS=	22.0	FOM=	0.13	TEST=	0
INDE	2	3	43	FOBS=	317.5	SIGMA=	0.6	PHAS=	83.1	FOM=	0.96	TEST=	0
INDE	2	3	45	FOBS=	114.9	SIGMA=	1.9	PHAS=	80.2	FOM=	0.96	TEST=	0
INDE	2	3	47	FOBS=	52.8	SIGMA=	4.4	PHAS=	23.2	FOM=	0.42	TEST=	1
INDE	2	3	49	FOBS=	174.7	SIGMA=	0.9	PHAS=	-154.6	FOM=	0.95	TEST=	0
INDE	2	3	51	FOBS=	193.1	SIGMA=	1.0	PHAS=	-97.0	FOM=	0.91	TEST=	0
INDE	2	3	53	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	3	55	FOBS=	32.0	SIGMA=	5.2	PHAS=	51.4	FOM=	0.31	TEST=	0
INDE	2	3	57	FOBS=	159.4	SIGMA=	1.1	PHAS=	15.5	FOM=	0.93	TEST=	0
INDE	2	3	59	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	3	61	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	3	63	FOBS=	85.3	SIGMA=	3.8	PHAS=	-156.0	FOM=	0.83	TEST=	0
INDE	2	3	65	FOBS=	96.2	SIGMA=	3.3	PHAS=	123.9	FOM=	0.84	TEST=	0
INDE	2	3	67	FOBS=	77.2	SIGMA=	4.1	PHAS=	47.5	FOM=	0.90	TEST=	0
INDE	2	3	69	FOBS=	70.3	SIGMA=	4.8	PHAS=	130.1	FOM=	0.64	TEST=	0
INDE	2	3	71	FOBS=	101.0	SIGMA=	3.2	PHAS=	-85.7	FOM=	0.85	TEST=	0
INDE	2	4	18	FOBS=	89.7	SIGMA=	0.7	PHAS=	-11.2	FOM=	0.90	TEST=	0
INDE	2	4	20	FOBS=	73.7	SIGMA=	0.9	PHAS=	38.9	FOM=	0.78	TEST=	0
INDE	2	4	22	FOBS=	278.0	SIGMA=	0.6	PHAS=	-55.9	FOM=	0.44	TEST=	1
INDE	2	4	24	FOBS=	148.1	SIGMA=	0.8	PHAS=	151.3	FOM=	0.74	TEST=	0

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INDE	2	4	26	FOBS=	150.4	SIGMA=	0.8	PHAS=	158.8	FOM=	0.99	TEST=	0
INDE	2	4	28	FOBS=	245.7	SIGMA=	0.7	PHAS=	-66.2	FOM=	0.97	TEST=	0
INDE	2	4	30	FOBS=	139.4	SIGMA=	1.0	PHAS=	53.6	FOM=	0.99	TEST=	0
INDE	2	4	32	FOBS=	234.4	SIGMA=	0.7	PHAS=	51.5	FOM=	0.98	TEST=	0
INDE	2	4	34	FOBS=	263.0	SIGMA=	0.7	PHAS=	141.6	FOM=	0.96	TEST=	0
INDE	2	4	36	FOBS=	88.0	SIGMA=	1.7	PHAS=	44.0	FOM=	0.85	TEST=	0
INDE	2	4	38	FOBS=	202.1	SIGMA=	0.9	PHAS=	13.9	FOM=	0.99	TEST=	0
INDE	2	4	40	FOBS=	268.4	SIGMA=	0.8	PHAS=	31.8	FOM=	0.91	TEST=	0
INDE	2	4	42	FOBS=	281.6	SIGMA=	0.8	PHAS=	-66.9	FOM=	0.96	TEST=	0
INDE	2	4	44	FOBS=	227.4	SIGMA=	1.1	PHAS=	-24.5	FOM=	0.92	TEST=	0
INDE	2	4	46	FOBS=	148.8	SIGMA=	1.6	PHAS=	33.5	FOM=	0.85	TEST=	0
INDE	2	4	48	FOBS=	207.6	SIGMA=	1.3	PHAS=	103.6	FOM=	0.97	TEST=	0
INDE	2	4	50	FOBS=	199.4	SIGMA=	1.0	PHAS=	171.7	FOM=	0.93	TEST=	0
INDE	2	4	52	FOBS=	58.2	SIGMA=	3.0	PHAS=	97.8	FOM=	0.93	TEST=	0
INDE	2	4	54	FOBS=	126.8	SIGMA=	1.4	PHAS=	-15.5	FOM=	0.92	TEST=	0
INDE	2	4	56	FOBS=	28.5	SIGMA=	6.1	PHAS=	-78.2	FOM=	0.34	TEST=	0
INDE	2	4	58	FOBS=	51.6	SIGMA=	3.3	PHAS=	72.3	FOM=	0.49	TEST=	0
INDE	2	4	60	FOBS=	33.6	SIGMA=	5.0	PHAS=	-13.4	FOM=	0.58	TEST=	0
INDE	2	4	62	FOBS=	80.1	SIGMA=	3.8	PHAS=	141.1	FOM=	0.94	TEST=	0
INDE	2	4	64	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	4	66	FOBS=	73.0	SIGMA=	3.9	PHAS=	42.4	FOM=	0.87	TEST=	0
INDE	2	4	68	FOBS=	84.1	SIGMA=	4.0	PHAS=	-171.6	FOM=	0.77	TEST=	0
INDE	2	4	70	FOBS=	75.0	SIGMA=	4.5	PHAS=	-177.0	FOM=	0.91	TEST=	0
INDE	2	4	74	FOBS=	56.4	SIGMA=	6.0	PHAS=	21.6	FOM=	0.47	TEST=	0
INDE	2	5	19	FOBS=	177.8	SIGMA=	0.6	PHAS=	21.7	FOM=	0.96	TEST=	0
INDE	2	5	21	FOBS=	230.4	SIGMA=	0.6	PHAS=	-103.1	FOM=	0.81	TEST=	0
INDE	2	5	23	FOBS=	133.1	SIGMA=	0.7	PHAS=	-72.6	FOM=	0.79	TEST=	0
INDE	2	5	25	FOBS=	193.7	SIGMA=	0.6	PHAS=	24.0	FOM=	0.95	TEST=	0
INDE	2	5	27	FOBS=	88.7	SIGMA=	1.0	PHAS=	-21.2	FOM=	0.92	TEST=	0
INDE	2	5	29	FOBS=	234.2	SIGMA=	0.8	PHAS=	-119.9	FOM=	0.97	TEST=	0
INDE	2	5	31	FOBS=	195.2	SIGMA=	0.8	PHAS=	-87.3	FOM=	0.98	TEST=	0
INDE	2	5	33	FOBS=	173.4	SIGMA=	0.7	PHAS=	48.1	FOM=	0.89	TEST=	0
INDE	2	5	35	FOBS=	253.6	SIGMA=	1.2	PHAS=	-46.1	FOM=	0.96	TEST=	0
INDE	2	5	37	FOBS=	71.7	SIGMA=	2.0	PHAS=	7.4	FOM=	0.98	TEST=	1
INDE	2	5	39	FOBS=	304.6	SIGMA=	0.8	PHAS=	10.6	FOM=	0.96	TEST=	0
INDE	2	5	41	FOBS=	80.5	SIGMA=	2.1	PHAS=	0.4	FOM=	0.78	TEST=	0
INDE	2	5	43	FOBS=	183.1	SIGMA=	1.1	PHAS=	125.3	FOM=	0.98	TEST=	1
INDE	2	5	45	FOBS=	65.0	SIGMA=	3.1	PHAS=	-17.9	FOM=	0.33	TEST=	0
INDE	2	5	47	FOBS=	163.0	SIGMA=	1.5	PHAS=	-84.7	FOM=	0.97	TEST=	0
INDE	2	5	49	FOBS=	132.6	SIGMA=	1.7	PHAS=	49.9	FOM=	0.93	TEST=	0
INDE	2	5	51	FOBS=	119.8	SIGMA=	1.4	PHAS=	142.7	FOM=	0.74	TEST=	0
INDE	2	5	53	FOBS=	47.8	SIGMA=	3.4	PHAS=	90.5	FOM=	0.75	TEST=	0
INDE	2	5	55	FOBS=	209.6	SIGMA=	0.8	PHAS=	-52.5	FOM=	0.90	TEST=	0
INDE	2	5	57	FOBS=	27.1	SIGMA=	5.9	PHAS=	-74.2	FOM=	0.33	TEST=	0
INDE	2	5	59	FOBS=	0.0	SIGMA=	16.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	2	5	61	FOBS=	109.0	SIGMA=	1.4	PHAS=	44.5	FOM=	0.91	TEST=	1
INDE	2	5	63	FOBS=	76.2	SIGMA=	2.4	PHAS=	-174.0	FOM=	0.82	TEST=	0
INDE	2	5	65	FOBS=	44.3	SIGMA=	5.6	PHAS=	-158.2	FOM=	0.56	TEST=	0
INDE	2	5	67	FOBS=	85.9	SIGMA=	4.0	PHAS=	88.3	FOM=	0.93	TEST=	0
INDE	2	5	69	FOBS=	128.7	SIGMA=	2.8	PHAS=	124.0	FOM=	0.95	TEST=	0
INDE	2	5	71	FOBS=	68.7	SIGMA=	5.0	PHAS=	171.2	FOM=	0.75	TEST=	0
INDE	2	5	73	FOBS=	55.4	SIGMA=	6.3	PHAS=	152.7	FOM=	0.76	TEST=	0
INDE	2	5	75	FOBS=	64.9	SIGMA=	5.6	PHAS=	4.6	FOM=	0.82	TEST=	0
INDE	2	6	18	FOBS=	284.3	SIGMA=	0.5	PHAS=	-135.7	FOM=	0.71	TEST=	0
INDE	2	6	20	FOBS=	333.6	SIGMA=	0.7	PHAS=	-112.8	FOM=	0.98	TEST=	0
INDE	2	6	22	FOBS=	88.7	SIGMA=	0.9	PHAS=	72.9	FOM=	0.92	TEST=	0
INDE	2	6	24	FOBS=	256.6	SIGMA=	0.5	PHAS=	-119.1	FOM=	0.95	TEST=	0
INDE	2	6	26	FOBS=	122.1	SIGMA=	0.8	PHAS=	-109.8	FOM=	0.98	TEST=	0
INDE	2	6	28	FOBS=	117.3	SIGMA=	0.8	PHAS=	126.3	FOM=	0.98	TEST=	0
INDE	2	6	30	FOBS=	124.4	SIGMA=	0.8	PHAS=	-145.8	FOM=	0.89	TEST=	0
INDE	2	6	32	FOBS=	148.7	SIGMA=	0.8	PHAS=	-66.6	FOM=	0.92	TEST=	0
INDE	2	6	34	FOBS=	177.3	SIGMA=	1.2	PHAS=	120.8	FOM=	0.94	TEST=	0
INDE	2	6	36	FOBS=	216.7	SIGMA=	0.9	PHAS=	87.8	FOM=	0.82	TEST=	1
INDE	2	6	38	FOBS=	186.9	SIGMA=	1.1	PHAS=	15.3	FOM=	0.87	TEST=	0
INDE	2	6	40	FOBS=	305.8	SIGMA=	1.0	PHAS=	-24.3	FOM=	0.98	TEST=	0
INDE	2	6	42	FOBS=	236.4	SIGMA=	1.3	PHAS=	-28.4	FOM=	0.95	TEST=	0
INDE	2	6	44	FOBS=	145.5	SIGMA=	1.5	PHAS=	-121.8	FOM=	0.87	TEST=	0
INDE	2	6	46	FOBS=	75.8	SIGMA=	2.4	PHAS=	165.2	FOM=	0.64	TEST=	0
INDE	2	6	48	FOBS=	150.5	SIGMA=	1.4	PHAS=	-78.5	FOM=	0.40	TEST=	1
INDE	2	6	50	FOBS=	85.3	SIGMA=	2.3	PHAS=	173.2	FOM=	0.15	TEST=	1

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INDE 2 6 52 FOBS= 116.6 SIGMA= 1.4 PHAS= 71.4 FOM= 0.92 TEST= 1
INDE 2 6 54 FOBS= 85.8 SIGMA= 1.8 PHAS= -160.4 FOM= 0.35 TEST= 1
INDE 2 6 56 FOBS= 225.6 SIGMA= 0.8 PHAS= -125.3 FOM= 0.97 TEST= 0
INDE 2 6 58 FOBS= 23.5 SIGMA= 6.4 PHAS= -81.0 FOM= 0.18 TEST= 1
INDE 2 6 60 FOBS= 53.8 SIGMA= 2.7 PHAS= -82.3 FOM= 0.82 TEST= 0
INDE 2 6 62 FOBS= 43.4 SIGMA= 3.4 PHAS= 71.5 FOM= 0.82 TEST= 0
INDE 2 6 64 FOBS= 44.7 SIGMA= 4.0 PHAS= 171.3 FOM= 0.46 TEST= 0
INDE 2 6 66 FOBS= 113.7 SIGMA= 2.3 PHAS= 52.4 FOM= 0.92 TEST= 0
INDE 2 6 68 FOBS= 93.0 SIGMA= 3.9 PHAS= 62.0 FOM= 0.24 TEST= 1
INDE 2 6 70 FOBS= 109.6 SIGMA= 3.4 PHAS= 97.3 FOM= 0.93 TEST= 0
INDE 2 6 72 FOBS= 20.9 SIGMA= 16.8 PHAS= -161.1 FOM= 0.14 TEST= 0
INDE 2 6 74 FOBS= 50.4 SIGMA= 7.2 PHAS= -65.7 FOM= 0.10 TEST= 1
INDE 2 6 76 FOBS= 5.9 SIGMA= 63.6 PHAS= -71.6 FOM= 0.12 TEST= 0
INDE 2 7 17 FOBS= 170.6 SIGMA= 0.5 PHAS= -19.1 FOM= 0.97 TEST= 0
INDE 2 7 19 FOBS= 243.2 SIGMA= 0.5 PHAS= 140.2 FOM= 0.56 TEST= 1
INDE 2 7 21 FOBS= 228.0 SIGMA= 0.6 PHAS= 166.8 FOM= 0.99 TEST= 0
INDE 2 7 23 FOBS= 48.3 SIGMA= 1.6 PHAS= 130.1 FOM= 0.96 TEST= 0
INDE 2 7 25 FOBS= 81.7 SIGMA= 1.0 PHAS= 73.4 FOM= 0.98 TEST= 0
INDE 2 7 27 FOBS= 53.1 SIGMA= 1.6 PHAS= 124.8 FOM= 0.91 TEST= 0
INDE 2 7 29 FOBS= 107.9 SIGMA= 0.9 PHAS= -146.6 FOM= 0.90 TEST= 0
INDE 2 7 31 FOBS= 88.9 SIGMA= 1.1 PHAS= 139.8 FOM= 0.98 TEST= 0
INDE 2 7 33 FOBS= 182.2 SIGMA= 0.7 PHAS= -95.7 FOM= 0.88 TEST= 0
INDE 2 7 35 FOBS= 318.4 SIGMA= 0.8 PHAS= -46.2 FOM= 0.97 TEST= 0
INDE 2 7 37 FOBS= 512.2 SIGMA= 0.8 PHAS= 14.9 FOM= 0.98 TEST= 0
INDE 2 7 39 FOBS= 225.2 SIGMA= 0.9 PHAS= -144.1 FOM= 0.87 TEST= 1
INDE 2 7 41 FOBS= 129.9 SIGMA= 1.3 PHAS= -58.0 FOM= 0.94 TEST= 1
INDE 2 7 43 FOBS= 191.6 SIGMA= 1.0 PHAS= -127.2 FOM= 0.81 TEST= 0
INDE 2 7 45 FOBS= 178.3 SIGMA= 1.3 PHAS= 155.1 FOM= 0.91 TEST= 0
INDE 2 7 47 FOBS= 111.5 SIGMA= 1.8 PHAS= 94.0 FOM= 0.84 TEST= 0
INDE 2 7 49 FOBS= 143.9 SIGMA= 1.5 PHAS= -18.7 FOM= 0.93 TEST= 0
INDE 2 7 51 FOBS= 131.4 SIGMA= 1.5 PHAS= 21.2 FOM= 0.85 TEST= 0
INDE 2 7 53 FOBS= 92.1 SIGMA= 1.7 PHAS= 145.1 FOM= 0.93 TEST= 0
INDE 2 7 55 FOBS= 100.3 SIGMA= 1.6 PHAS= -157.7 FOM= 0.77 TEST= 0
INDE 2 7 57 FOBS= 57.4 SIGMA= 2.7 PHAS= 82.7 FOM= 0.83 TEST= 0
INDE 2 7 59 FOBS= 154.7 SIGMA= 1.1 PHAS= 47.4 FOM= 0.94 TEST= 0
INDE 2 7 61 FOBS= 147.0 SIGMA= 1.1 PHAS= 126.5 FOM= 0.93 TEST= 0
INDE 2 7 63 FOBS= 125.6 SIGMA= 1.5 PHAS= -157.1 FOM= 0.97 TEST= 0
INDE 2 7 65 FOBS= 70.3 SIGMA= 3.0 PHAS= 130.5 FOM= 0.91 TEST= 0
INDE 2 7 67 FOBS= 78.4 SIGMA= 3.3 PHAS= 45.0 FOM= 0.78 TEST= 0
INDE 2 7 69 FOBS= 129.3 SIGMA= 2.1 PHAS= 61.5 FOM= 0.96 TEST= 0
INDE 2 7 71 FOBS= 17.3 SIGMA= 21.0 PHAS= 130.5 FOM= 0.34 TEST= 0
INDE 2 7 73 FOBS= 32.5 SIGMA= 10.9 PHAS= -53.9 FOM= 0.23 TEST= 0
INDE 2 7 75 FOBS= 74.5 SIGMA= 5.0 PHAS= 98.4 FOM= 0.04 TEST= 1
INDE 2 7 77 FOBS= 85.4 SIGMA= 4.7 PHAS= -64.4 FOM= 0.94 TEST= 0
INDE 2 8 16 FOBS= 235.6 SIGMA= 0.4 PHAS= 60.2 FOM= 0.56 TEST= 0
INDE 2 8 18 FOBS= 95.2 SIGMA= 0.7 PHAS= -156.8 FOM= 0.84 TEST= 1
INDE 2 8 20 FOBS= 81.6 SIGMA= 0.9 PHAS= 174.7 FOM= 0.92 TEST= 0
INDE 2 8 22 FOBS= 281.5 SIGMA= 0.4 PHAS= 22.1 FOM= 0.94 TEST= 0
INDE 2 8 24 FOBS= 103.1 SIGMA= 0.9 PHAS= -106.5 FOM= 0.93 TEST= 0
INDE 2 8 26 FOBS= 130.8 SIGMA= 0.7 PHAS= 9.6 FOM= 0.99 TEST= 0
INDE 2 8 28 FOBS= 265.3 SIGMA= 0.8 PHAS= 97.4 FOM= 0.97 TEST= 0
INDE 2 8 30 FOBS= 184.6 SIGMA= 0.7 PHAS= 85.9 FOM= 0.92 TEST= 0
INDE 2 8 32 FOBS= 201.4 SIGMA= 0.7 PHAS= 135.9 FOM= 0.99 TEST= 0
INDE 2 8 34 FOBS= 243.0 SIGMA= 1.0 PHAS= -179.8 FOM= 0.95 TEST= 0
INDE 2 8 36 FOBS= 238.0 SIGMA= 0.9 PHAS= -129.5 FOM= 0.95 TEST= 1
INDE 2 8 38 FOBS= 156.9 SIGMA= 0.9 PHAS= -137.8 FOM= 0.97 TEST= 0
INDE 2 8 40 FOBS= 174.6 SIGMA= 1.0 PHAS= -127.8 FOM= 0.88 TEST= 0
INDE 2 8 42 FOBS= 127.4 SIGMA= 1.4 PHAS= -175.3 FOM= 0.92 TEST= 0
INDE 2 8 44 FOBS= 327.6 SIGMA= 1.0 PHAS= 122.6 FOM= 0.96 TEST= 0
INDE 2 8 46 FOBS= 84.6 SIGMA= 2.3 PHAS= 99.8 FOM= 0.26 TEST= 0
INDE 2 8 48 FOBS= 140.3 SIGMA= 1.5 PHAS= -21.4 FOM= 0.88 TEST= 0
INDE 2 8 50 FOBS= 109.9 SIGMA= 1.8 PHAS= -78.5 FOM= 0.79 TEST= 0
INDE 2 8 52 FOBS= 128.3 SIGMA= 1.6 PHAS= -67.1 FOM= 0.92 TEST= 0
INDE 2 8 54 FOBS= 34.0 SIGMA= 4.9 PHAS= 61.6 FOM= 0.82 TEST= 0
INDE 2 8 56 FOBS= 99.6 SIGMA= 1.6 PHAS= 173.1 FOM= 0.95 TEST= 0
INDE 2 8 58 FOBS= 202.6 SIGMA= 0.9 PHAS= -45.7 FOM= 0.96 TEST= 0
INDE 2 8 60 FOBS= 91.8 SIGMA= 1.7 PHAS= -15.3 FOM= 0.63 TEST= 0
INDE 2 8 62 FOBS= 216.6 SIGMA= 0.9 PHAS= 68.0 FOM= 0.98 TEST= 0
INDE 2 8 64 FOBS= 135.9 SIGMA= 1.4 PHAS= 97.3 FOM= 0.93 TEST= 0
INDE 2 8 66 FOBS= 71.7 SIGMA= 3.8 PHAS= 82.8 FOM= 0.88 TEST= 0

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INDE 2 8 68 FOBS= 82.4 SIGMA= 3.3 PHAS= -51.3 FOM= 0.95 TEST= 0
INDE 2 8 70 FOBS= 64.0 SIGMA= 4.2 PHAS= -52.9 FOM= 0.23 TEST= 0
INDE 2 8 72 FOBS= 63.1 SIGMA= 4.2 PHAS= 132.4 FOM= 0.61 TEST= 0
INDE 2 8 74 FOBS= 115.6 SIGMA= 3.4 PHAS= -135.9 FOM= 0.95 TEST= 0
INDE 2 8 76 FOBS= 99.8 SIGMA= 4.0 PHAS= -143.2 FOM= 0.93 TEST= 0
INDE 2 9 17 FOBS= 71.0 SIGMA= 0.7 PHAS= -135.2 FOM= 0.80 TEST= 0
INDE 2 9 19 FOBS= 192.7 SIGMA= 0.4 PHAS= 155.5 FOM= 0.46 TEST= 1
INDE 2 9 21 FOBS= 108.1 SIGMA= 0.8 PHAS= 171.0 FOM= 0.85 TEST= 0
INDE 2 9 23 FOBS= 107.8 SIGMA= 0.8 PHAS= -36.8 FOM= 0.90 TEST= 1
INDE 2 9 25 FOBS= 23.7 SIGMA= 3.3 PHAS= -172.5 FOM= 0.77 TEST= 0
INDE 2 9 27 FOBS= 86.3 SIGMA= 1.3 PHAS= -64.3 FOM= 0.98 TEST= 0
INDE 2 9 29 FOBS= 137.4 SIGMA= 0.8 PHAS= 16.7 FOM= 0.96 TEST= 0
INDE 2 9 31 FOBS= 338.2 SIGMA= 0.7 PHAS= 73.1 FOM= 0.95 TEST= 0
INDE 2 9 33 FOBS= 118.7 SIGMA= 1.0 PHAS= 59.7 FOM= 0.89 TEST= 0
INDE 2 9 35 FOBS= 36.1 SIGMA= 3.4 PHAS= -23.8 FOM= 0.89 TEST= 0
INDE 2 9 37 FOBS= 502.4 SIGMA= 1.0 PHAS= 104.6 FOM= 0.98 TEST= 0
INDE 2 9 39 FOBS= 82.7 SIGMA= 1.8 PHAS= -145.8 FOM= 0.86 TEST= 0
INDE 2 9 41 FOBS= 190.6 SIGMA= 1.0 PHAS= 100.6 FOM= 0.94 TEST= 0
INDE 2 9 43 FOBS= 235.8 SIGMA= 1.3 PHAS= -2.0 FOM= 0.94 TEST= 0
INDE 2 9 45 FOBS= 110.3 SIGMA= 1.7 PHAS= -55.5 FOM= 0.57 TEST= 0
INDE 2 9 47 FOBS= 61.2 SIGMA= 3.3 PHAS= -133.8 FOM= 0.82 TEST= 0
INDE 2 9 49 FOBS= 216.8 SIGMA= 1.1 PHAS= -139.0 FOM= 0.92 TEST= 0
INDE 2 9 51 FOBS= 47.2 SIGMA= 4.2 PHAS= 71.0 FOM= 0.82 TEST= 0
INDE 2 9 53 FOBS= 55.4 SIGMA= 4.0 PHAS= 177.1 FOM= 0.76 TEST= 0
INDE 2 9 55 FOBS= 9.2 SIGMA= 17.1 PHAS= -59.8 FOM= 0.09 TEST= 0
INDE 2 9 57 FOBS= 92.8 SIGMA= 1.8 PHAS= -89.9 FOM= 0.94 TEST= 0
INDE 2 9 59 FOBS= 123.1 SIGMA= 1.4 PHAS= 1.1 FOM= 0.92 TEST= 0
INDE 2 9 61 FOBS= 48.8 SIGMA= 3.1 PHAS= -109.4 FOM= 0.83 TEST= 0
INDE 2 9 63 FOBS= 56.0 SIGMA= 3.4 PHAS= -112.6 FOM= 0.83 TEST= 0
INDE 2 9 65 FOBS= 173.4 SIGMA= 1.3 PHAS= 100.6 FOM= 0.94 TEST= 0
INDE 2 9 67 FOBS= 0.0 SIGMA= 23.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 2 9 69 FOBS= 90.4 SIGMA= 3.0 PHAS= -118.1 FOM= 0.94 TEST= 0
INDE 2 9 71 FOBS= 143.4 SIGMA= 2.0 PHAS= 125.0 FOM= 0.96 TEST= 0
INDE 2 9 73 FOBS= 66.6 SIGMA= 4.2 PHAS= 134.6 FOM= 0.72 TEST= 0
INDE 2 9 75 FOBS= 93.6 SIGMA= 3.1 PHAS= 92.1 FOM= 0.96 TEST= 0
INDE 2 9 77 FOBS= 41.9 SIGMA= 9.6 PHAS= -137.9 FOM= 0.69 TEST= 0
INDE 2 10 16 FOBS= 269.7 SIGMA= 0.5 PHAS= 124.6 FOM= 0.98 TEST= 0
INDE 2 10 18 FOBS= 334.8 SIGMA= 0.5 PHAS= 175.3 FOM= 0.95 TEST= 0
INDE 2 10 20 FOBS= 208.8 SIGMA= 0.6 PHAS= -165.9 FOM= 0.81 TEST= 0
INDE 2 10 22 FOBS= 69.7 SIGMA= 1.1 PHAS= 108.5 FOM= 0.97 TEST= 0
INDE 2 10 24 FOBS= 60.8 SIGMA= 1.3 PHAS= 33.2 FOM= 0.89 TEST= 0
INDE 2 10 26 FOBS= 76.6 SIGMA= 1.1 PHAS= -9.8 FOM= 0.91 TEST= 0
INDE 2 10 28 FOBS= 19.8 SIGMA= 4.4 PHAS= -150.7 FOM= 0.88 TEST= 1
INDE 2 10 30 FOBS= 160.5 SIGMA= 1.0 PHAS= 51.2 FOM= 0.94 TEST= 0
INDE 2 10 32 FOBS= 109.2 SIGMA= 1.0 PHAS= 104.7 FOM= 0.94 TEST= 1
INDE 2 10 34 FOBS= 57.1 SIGMA= 2.0 PHAS= -49.7 FOM= 0.84 TEST= 0
INDE 2 10 36 FOBS= 241.2 SIGMA= 0.9 PHAS= 3.0 FOM= 0.84 TEST= 0
INDE 2 10 38 FOBS= 180.3 SIGMA= 1.0 PHAS= 67.6 FOM= 0.83 TEST= 0
INDE 2 10 40 FOBS= 136.9 SIGMA= 1.5 PHAS= -47.0 FOM= 0.55 TEST= 0
INDE 2 10 42 FOBS= 46.2 SIGMA= 3.7 PHAS= 88.8 FOM= 0.54 TEST= 0
INDE 2 10 44 FOBS= 106.4 SIGMA= 1.8 PHAS= 161.4 FOM= 0.94 TEST= 0
INDE 2 10 46 FOBS= 261.9 SIGMA= 0.9 PHAS= -121.0 FOM= 0.97 TEST= 0
INDE 2 10 48 FOBS= 108.9 SIGMA= 1.9 PHAS= 103.3 FOM= 0.74 TEST= 0
INDE 2 10 50 FOBS= 207.8 SIGMA= 1.1 PHAS= 79.4 FOM= 0.96 TEST= 0
INDE 2 10 52 FOBS= 221.6 SIGMA= 1.1 PHAS= -134.0 FOM= 0.91 TEST= 0
INDE 2 10 54 FOBS= 119.7 SIGMA= 1.7 PHAS= -147.3 FOM= 0.92 TEST= 0
INDE 2 10 56 FOBS= 217.5 SIGMA= 0.8 PHAS= 149.0 FOM= 0.95 TEST= 0
INDE 2 10 58 FOBS= 0.0 SIGMA= 18.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 2 10 60 FOBS= 29.8 SIGMA= 6.0 PHAS= -172.8 FOM= 0.47 TEST= 0
INDE 2 10 62 FOBS= 206.4 SIGMA= 0.9 PHAS= 118.0 FOM= 0.98 TEST= 0
INDE 2 10 64 FOBS= 11.2 SIGMA= 22.1 PHAS= 79.3 FOM= 0.19 TEST= 0
INDE 2 10 66 FOBS= 0.0 SIGMA= 23.4 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 2 10 68 FOBS= 78.6 SIGMA= 3.6 PHAS= 124.3 FOM= 0.93 TEST= 0
INDE 2 10 70 FOBS= 95.4 SIGMA= 3.0 PHAS= -172.9 FOM= 0.92 TEST= 0
INDE 2 10 72 FOBS= 25.1 SIGMA= 11.2 PHAS= 39.6 FOM= 0.78 TEST= 0
INDE 2 10 74 FOBS= 49.0 SIGMA= 5.9 PHAS= -44.1 FOM= 0.84 TEST= 0
INDE 2 10 76 FOBS= 74.2 SIGMA= 4.0 PHAS= -27.5 FOM= 0.66 TEST= 0
INDE 2 11 15 FOBS= 254.6 SIGMA= 0.5 PHAS= 12.8 FOM= 0.83 TEST= 0
INDE 2 11 17 FOBS= 439.8 SIGMA= 0.5 PHAS= 43.8 FOM= 0.99 TEST= 0
INDE 2 11 19 FOBS= 151.7 SIGMA= 0.6 PHAS= 105.2 FOM= 0.82 TEST= 0

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INDE	2	11	21	FOBS=	118.1	SIGMA=	0.7	PHAS=	115.1	FOM=	0.78	TEST=	0
INDE	2	11	23	FOBS=	121.7	SIGMA=	0.5	PHAS=	53.1	FOM=	0.99	TEST=	0
INDE	2	11	25	FOBS=	151.5	SIGMA=	0.7	PHAS=	-75.5	FOM=	0.99	TEST=	0
INDE	2	11	27	FOBS=	73.6	SIGMA=	1.2	PHAS=	-103.2	FOM=	0.99	TEST=	0
INDE	2	11	29	FOBS=	132.5	SIGMA=	0.8	PHAS=	94.4	FOM=	0.91	TEST=	0
INDE	2	11	31	FOBS=	278.7	SIGMA=	0.7	PHAS=	52.0	FOM=	0.98	TEST=	0
INDE	2	11	33	FOBS=	133.7	SIGMA=	0.9	PHAS=	33.2	FOM=	0.92	TEST=	0
INDE	2	11	35	FOBS=	354.5	SIGMA=	0.7	PHAS=	171.7	FOM=	0.96	TEST=	0
INDE	2	11	37	FOBS=	283.3	SIGMA=	1.0	PHAS=	85.4	FOM=	0.96	TEST=	0
INDE	2	11	39	FOBS=	159.9	SIGMA=	1.1	PHAS=	147.9	FOM=	0.60	TEST=	0
INDE	2	11	41	FOBS=	177.6	SIGMA=	1.1	PHAS=	119.7	FOM=	0.95	TEST=	0
INDE	2	11	43	FOBS=	328.0	SIGMA=	1.1	PHAS=	40.0	FOM=	0.97	TEST=	0
INDE	2	11	45	FOBS=	222.3	SIGMA=	1.0	PHAS=	89.3	FOM=	0.96	TEST=	0
INDE	2	11	47	FOBS=	24.0	SIGMA=	8.5	PHAS=	-140.9	FOM=	0.06	TEST=	0
INDE	2	11	49	FOBS=	143.1	SIGMA=	1.5	PHAS=	-40.3	FOM=	0.92	TEST=	0
INDE	2	11	51	FOBS=	68.4	SIGMA=	3.0	PHAS=	17.2	FOM=	0.39	TEST=	1
INDE	2	11	53	FOBS=	65.9	SIGMA=	3.0	PHAS=	123.0	FOM=	0.94	TEST=	0
INDE	2	11	55	FOBS=	169.0	SIGMA=	1.2	PHAS=	70.1	FOM=	0.76	TEST=	1
INDE	2	11	57	FOBS=	92.2	SIGMA=	1.8	PHAS=	34.9	FOM=	0.95	TEST=	1
INDE	2	11	59	FOBS=	61.6	SIGMA=	2.7	PHAS=	3.4	FOM=	0.88	TEST=	0
INDE	2	11	61	FOBS=	80.9	SIGMA=	1.9	PHAS=	86.6	FOM=	0.91	TEST=	0
INDE	2	11	63	FOBS=	113.5	SIGMA=	1.7	PHAS=	85.3	FOM=	0.90	TEST=	0
INDE	2	11	65	FOBS=	88.2	SIGMA=	2.9	PHAS=	92.5	FOM=	0.52	TEST=	0
INDE	2	11	67	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	11	69	FOBS=	58.9	SIGMA=	4.8	PHAS=	59.9	FOM=	0.76	TEST=	0
INDE	2	11	71	FOBS=	84.1	SIGMA=	3.4	PHAS=	107.8	FOM=	0.92	TEST=	0
INDE	2	11	73	FOBS=	105.7	SIGMA=	2.7	PHAS=	-124.2	FOM=	0.95	TEST=	0
INDE	2	11	75	FOBS=	79.1	SIGMA=	3.8	PHAS=	-130.0	FOM=	0.84	TEST=	0
INDE	2	12	14	FOBS=	170.1	SIGMA=	0.7	PHAS=	-69.5	FOM=	0.10	TEST=	0
INDE	2	12	16	FOBS=	254.4	SIGMA=	0.5	PHAS=	-73.3	FOM=	0.96	TEST=	0
INDE	2	12	18	FOBS=	142.0	SIGMA=	0.6	PHAS=	-67.2	FOM=	0.48	TEST=	1
INDE	2	12	20	FOBS=	82.0	SIGMA=	0.7	PHAS=	-30.5	FOM=	0.96	TEST=	0
INDE	2	12	22	FOBS=	76.7	SIGMA=	0.8	PHAS=	2.9	FOM=	0.88	TEST=	1
INDE	2	12	24	FOBS=	94.5	SIGMA=	0.8	PHAS=	83.1	FOM=	0.95	TEST=	0
INDE	2	12	26	FOBS=	120.2	SIGMA=	0.8	PHAS=	-94.4	FOM=	0.98	TEST=	0
INDE	2	12	28	FOBS=	138.3	SIGMA=	0.8	PHAS=	40.3	FOM=	0.96	TEST=	1
INDE	2	12	30	FOBS=	184.6	SIGMA=	0.7	PHAS=	1.1	FOM=	0.95	TEST=	0
INDE	2	12	32	FOBS=	179.6	SIGMA=	0.7	PHAS=	-48.5	FOM=	0.94	TEST=	0
INDE	2	12	34	FOBS=	171.8	SIGMA=	1.1	PHAS=	8.7	FOM=	0.98	TEST=	0
INDE	2	12	36	FOBS=	270.8	SIGMA=	0.9	PHAS=	111.0	FOM=	0.95	TEST=	0
INDE	2	12	38	FOBS=	268.5	SIGMA=	0.8	PHAS=	60.5	FOM=	0.90	TEST=	0
INDE	2	12	40	FOBS=	54.8	SIGMA=	3.0	PHAS=	12.9	FOM=	0.85	TEST=	0
INDE	2	12	42	FOBS=	136.0	SIGMA=	1.4	PHAS=	11.8	FOM=	0.96	TEST=	1
INDE	2	12	44	FOBS=	365.8	SIGMA=	1.1	PHAS=	-36.6	FOM=	0.98	TEST=	0
INDE	2	12	46	FOBS=	228.1	SIGMA=	1.0	PHAS=	-78.7	FOM=	0.91	TEST=	0
INDE	2	12	48	FOBS=	153.3	SIGMA=	1.5	PHAS=	-147.8	FOM=	0.94	TEST=	0
INDE	2	12	50	FOBS=	313.8	SIGMA=	0.9	PHAS=	9.4	FOM=	0.86	TEST=	1
INDE	2	12	52	FOBS=	120.6	SIGMA=	1.7	PHAS=	-108.8	FOM=	0.94	TEST=	0
INDE	2	12	54	FOBS=	67.0	SIGMA=	2.9	PHAS=	-17.9	FOM=	0.81	TEST=	0
INDE	2	12	56	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	12	58	FOBS=	101.3	SIGMA=	1.7	PHAS=	-4.1	FOM=	0.75	TEST=	0
INDE	2	12	60	FOBS=	61.0	SIGMA=	2.6	PHAS=	-7.7	FOM=	0.88	TEST=	0
INDE	2	12	62	FOBS=	87.8	SIGMA=	1.8	PHAS=	81.7	FOM=	0.83	TEST=	0
INDE	2	12	64	FOBS=	45.5	SIGMA=	4.5	PHAS=	58.1	FOM=	0.33	TEST=	0
INDE	2	12	66	FOBS=	98.3	SIGMA=	3.0	PHAS=	-99.1	FOM=	0.93	TEST=	0
INDE	2	12	68	FOBS=	57.5	SIGMA=	5.0	PHAS=	105.5	FOM=	0.91	TEST=	0
INDE	2	12	70	FOBS=	119.9	SIGMA=	2.4	PHAS=	-1.5	FOM=	0.31	TEST=	1
INDE	2	12	72	FOBS=	122.6	SIGMA=	2.4	PHAS=	105.8	FOM=	0.95	TEST=	0
INDE	2	12	74	FOBS=	79.5	SIGMA=	3.6	PHAS=	-74.9	FOM=	0.27	TEST=	0
INDE	2	12	76	FOBS=	101.3	SIGMA=	3.1	PHAS=	146.2	FOM=	0.96	TEST=	0
INDE	2	13	13	FOBS=	172.6	SIGMA=	1.0	PHAS=	113.8	FOM=	0.05	TEST=	0
INDE	2	13	15	FOBS=	304.1	SIGMA=	0.7	PHAS=	112.6	FOM=	0.90	TEST=	0
INDE	2	13	17	FOBS=	193.2	SIGMA=	0.5	PHAS=	52.4	FOM=	0.89	TEST=	0
INDE	2	13	19	FOBS=	98.6	SIGMA=	0.6	PHAS=	179.6	FOM=	0.90	TEST=	0
INDE	2	13	21	FOBS=	67.4	SIGMA=	0.9	PHAS=	58.9	FOM=	0.71	TEST=	0
INDE	2	13	23	FOBS=	81.2	SIGMA=	0.8	PHAS=	101.4	FOM=	0.99	TEST=	0
INDE	2	13	25	FOBS=	219.5	SIGMA=	0.6	PHAS=	-145.4	FOM=	0.94	TEST=	0
INDE	2	13	27	FOBS=	65.9	SIGMA=	1.2	PHAS=	-112.6	FOM=	0.98	TEST=	0
INDE	2	13	29	FOBS=	106.3	SIGMA=	1.0	PHAS=	-176.2	FOM=	0.90	TEST=	0
INDE	2	13	31	FOBS=	132.6	SIGMA=	0.9	PHAS=	-91.2	FOM=	0.96	TEST=	0

INDE	2	13	33	FOBS=	20.8	SIGMA=	3.2	PHAS=	72.1	FOM=	0.43	TEST=	0
INDE	2	13	35	FOBS=	288.4	SIGMA=	0.8	PHAS=	92.7	FOM=	0.99	TEST=	0
INDE	2	13	37	FOBS=	407.2	SIGMA=	0.8	PHAS=	30.3	FOM=	0.98	TEST=	1
INDE	2	13	39	FOBS=	122.3	SIGMA=	1.3	PHAS=	51.9	FOM=	0.96	TEST=	0
INDE	2	13	41	FOBS=	234.1	SIGMA=	1.3	PHAS=	-105.2	FOM=	0.94	TEST=	0
INDE	2	13	43	FOBS=	185.6	SIGMA=	1.2	PHAS=	-110.3	FOM=	0.93	TEST=	0
INDE	2	13	45	FOBS=	90.5	SIGMA=	2.4	PHAS=	-32.5	FOM=	0.22	TEST=	0
INDE	2	13	47	FOBS=	82.4	SIGMA=	2.6	PHAS=	-33.7	FOM=	0.81	TEST=	0
INDE	2	13	49	FOBS=	121.0	SIGMA=	1.8	PHAS=	-70.3	FOM=	0.88	TEST=	0
INDE	2	13	51	FOBS=	85.5	SIGMA=	2.4	PHAS=	-153.5	FOM=	0.89	TEST=	0
INDE	2	13	53	FOBS=	94.2	SIGMA=	2.2	PHAS=	37.2	FOM=	0.82	TEST=	0
INDE	2	13	55	FOBS=	58.7	SIGMA=	3.3	PHAS=	45.0	FOM=	0.72	TEST=	0
INDE	2	13	57	FOBS=	0.0	SIGMA=	17.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	13	59	FOBS=	72.7	SIGMA=	2.3	PHAS=	-44.0	FOM=	0.87	TEST=	0
INDE	2	13	61	FOBS=	54.7	SIGMA=	3.1	PHAS=	-159.0	FOM=	0.20	TEST=	1
INDE	2	13	63	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	13	65	FOBS=	53.0	SIGMA=	5.5	PHAS=	139.8	FOM=	0.60	TEST=	0
INDE	2	13	67	FOBS=	53.9	SIGMA=	5.4	PHAS=	135.3	FOM=	0.69	TEST=	0
INDE	2	13	69	FOBS=	71.9	SIGMA=	4.1	PHAS=	-16.4	FOM=	0.92	TEST=	0
INDE	2	13	71	FOBS=	84.1	SIGMA=	3.5	PHAS=	-12.5	FOM=	0.93	TEST=	0
INDE	2	13	73	FOBS=	60.1	SIGMA=	4.9	PHAS=	-111.4	FOM=	0.87	TEST=	0
INDE	2	13	75	FOBS=	17.6	SIGMA=	16.9	PHAS=	135.5	FOM=	0.50	TEST=	0
INDE	2	14	12	FOBS=	343.0	SIGMA=	0.6	PHAS=	19.8	FOM=	0.98	TEST=	0
INDE	2	14	14	FOBS=	325.0	SIGMA=	0.8	PHAS=	11.1	FOM=	0.95	TEST=	0
INDE	2	14	16	FOBS=	257.0	SIGMA=	0.6	PHAS=	-36.3	FOM=	0.93	TEST=	0
INDE	2	14	18	FOBS=	100.8	SIGMA=	0.7	PHAS=	-8.5	FOM=	0.96	TEST=	0
INDE	2	14	20	FOBS=	170.7	SIGMA=	0.5	PHAS=	-16.0	FOM=	0.92	TEST=	0
INDE	2	14	22	FOBS=	165.0	SIGMA=	0.5	PHAS=	-6.7	FOM=	0.99	TEST=	0
INDE	2	14	24	FOBS=	244.6	SIGMA=	0.5	PHAS=	123.6	FOM=	0.93	TEST=	1
INDE	2	14	26	FOBS=	144.6	SIGMA=	0.6	PHAS=	122.2	FOM=	0.95	TEST=	0
INDE	2	14	28	FOBS=	149.7	SIGMA=	0.6	PHAS=	67.9	FOM=	0.99	TEST=	0
INDE	2	14	30	FOBS=	225.7	SIGMA=	0.6	PHAS=	46.1	FOM=	0.95	TEST=	0
INDE	2	14	32	FOBS=	69.0	SIGMA=	1.1	PHAS=	50.2	FOM=	0.67	TEST=	0
INDE	2	14	34	FOBS=	186.5	SIGMA=	0.8	PHAS=	-51.2	FOM=	0.88	TEST=	1
INDE	2	14	36	FOBS=	345.4	SIGMA=	0.6	PHAS=	-53.6	FOM=	0.99	TEST=	0
INDE	2	14	38	FOBS=	258.8	SIGMA=	1.0	PHAS=	-78.0	FOM=	0.91	TEST=	0
INDE	2	14	40	FOBS=	129.9	SIGMA=	1.4	PHAS=	147.8	FOM=	0.96	TEST=	0
INDE	2	14	42	FOBS=	196.9	SIGMA=	1.3	PHAS=	151.2	FOM=	0.92	TEST=	0
INDE	2	14	44	FOBS=	77.1	SIGMA=	2.8	PHAS=	-39.2	FOM=	0.85	TEST=	0
INDE	2	14	46	FOBS=	127.2	SIGMA=	1.7	PHAS=	-77.7	FOM=	0.96	TEST=	0
INDE	2	14	48	FOBS=	345.0	SIGMA=	1.1	PHAS=	-130.1	FOM=	0.98	TEST=	0
INDE	2	14	50	FOBS=	73.1	SIGMA=	2.9	PHAS=	90.9	FOM=	0.90	TEST=	1
INDE	2	14	52	FOBS=	109.9	SIGMA=	1.9	PHAS=	8.4	FOM=	0.87	TEST=	0
INDE	2	14	54	FOBS=	77.6	SIGMA=	2.6	PHAS=	-76.3	FOM=	0.70	TEST=	0
INDE	2	14	56	FOBS=	57.5	SIGMA=	3.4	PHAS=	-78.6	FOM=	0.64	TEST=	0
INDE	2	14	58	FOBS=	124.8	SIGMA=	1.4	PHAS=	33.6	FOM=	0.92	TEST=	0
INDE	2	14	60	FOBS=	41.0	SIGMA=	3.9	PHAS=	-173.5	FOM=	0.29	TEST=	0
INDE	2	14	62	FOBS=	95.7	SIGMA=	1.7	PHAS=	-176.7	FOM=	0.91	TEST=	0
INDE	2	14	64	FOBS=	35.8	SIGMA=	6.2	PHAS=	-36.6	FOM=	0.54	TEST=	0
INDE	2	14	66	FOBS=	32.1	SIGMA=	9.2	PHAS=	-137.4	FOM=	0.56	TEST=	0
INDE	2	14	68	FOBS=	9.7	SIGMA=	29.9	PHAS=	-98.5	FOM=	0.09	TEST=	0
INDE	2	14	70	FOBS=	76.8	SIGMA=	3.9	PHAS=	-167.3	FOM=	0.89	TEST=	0
INDE	2	14	72	FOBS=	22.2	SIGMA=	13.5	PHAS=	-144.8	FOM=	0.66	TEST=	0
INDE	2	14	74	FOBS=	33.0	SIGMA=	9.1	PHAS=	110.5	FOM=	0.30	TEST=	0
INDE	2	14	76	FOBS=	63.3	SIGMA=	5.0	PHAS=	106.7	FOM=	0.88	TEST=	0
INDE	2	15	11	FOBS=	51.2	SIGMA=	2.0	PHAS=	-80.2	FOM=	0.96	TEST=	0
INDE	2	15	13	FOBS=	420.7	SIGMA=	0.6	PHAS=	-69.2	FOM=	0.96	TEST=	0
INDE	2	15	15	FOBS=	162.0	SIGMA=	0.8	PHAS=	170.9	FOM=	0.65	TEST=	1
INDE	2	15	17	FOBS=	84.3	SIGMA=	0.9	PHAS=	-175.4	FOM=	0.88	TEST=	0
INDE	2	15	19	FOBS=	209.5	SIGMA=	0.5	PHAS=	-100.8	FOM=	0.88	TEST=	1
INDE	2	15	21	FOBS=	184.4	SIGMA=	0.6	PHAS=	-49.7	FOM=	0.87	TEST=	0
INDE	2	15	23	FOBS=	103.5	SIGMA=	0.8	PHAS=	-26.0	FOM=	0.95	TEST=	0
INDE	2	15	25	FOBS=	91.8	SIGMA=	0.8	PHAS=	173.4	FOM=	0.88	TEST=	1
INDE	2	15	27	FOBS=	131.0	SIGMA=	0.7	PHAS=	-21.7	FOM=	0.99	TEST=	0
INDE	2	15	29	FOBS=	173.3	SIGMA=	0.7	PHAS=	3.9	FOM=	0.97	TEST=	0
INDE	2	15	31	FOBS=	288.9	SIGMA=	0.6	PHAS=	-91.8	FOM=	0.97	TEST=	0
INDE	2	15	33	FOBS=	218.2	SIGMA=	0.7	PHAS=	174.1	FOM=	0.97	TEST=	0
INDE	2	15	35	FOBS=	101.8	SIGMA=	1.3	PHAS=	50.3	FOM=	0.91	TEST=	0
INDE	2	15	37	FOBS=	108.8	SIGMA=	1.4	PHAS=	-170.0	FOM=	0.97	TEST=	0
INDE	2	15	39	FOBS=	357.2	SIGMA=	0.8	PHAS=	71.5	FOM=	0.65	TEST=	1

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INDE 2 15 41 FOBS= 191.0 SIGMA= 1.1 PHAS= -67.4 FOM= 0.95 TEST= 0
INDE 2 15 43 FOBS= 65.8 SIGMA= 3.1 PHAS= -178.3 FOM= 0.69 TEST= 0
INDE 2 15 45 FOBS= 102.0 SIGMA= 2.2 PHAS= -42.8 FOM= 0.88 TEST= 0
INDE 2 15 47 FOBS= 224.3 SIGMA= 1.2 PHAS= -175.6 FOM= 0.94 TEST= 0
INDE 2 15 49 FOBS= 93.5 SIGMA= 2.3 PHAS= 152.5 FOM= 0.72 TEST= 0
INDE 2 15 51 FOBS= 144.3 SIGMA= 1.5 PHAS= -119.9 FOM= 0.82 TEST= 0
INDE 2 15 53 FOBS= 167.2 SIGMA= 1.3 PHAS= -57.9 FOM= 0.91 TEST= 0
INDE 2 15 55 FOBS= 16.2 SIGMA= 12.2 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 2 15 57 FOBS= 115.5 SIGMA= 1.7 PHAS= -137.6 FOM= 0.86 TEST= 0
INDE 2 15 59 FOBS= 31.7 SIGMA= 5.3 PHAS= 87.6 FOM= 0.70 TEST= 0
INDE 2 15 61 FOBS= 101.0 SIGMA= 1.7 PHAS= 113.7 FOM= 0.82 TEST= 0
INDE 2 15 63 FOBS= 35.4 SIGMA= 4.5 PHAS= 21.6 FOM= 0.40 TEST= 0
INDE 2 15 65 FOBS= 66.2 SIGMA= 4.6 PHAS= -26.0 FOM= 0.83 TEST= 0
INDE 2 15 67 FOBS= 77.8 SIGMA= 3.8 PHAS= 157.2 FOM= 0.83 TEST= 0
INDE 2 15 69 FOBS= 72.4 SIGMA= 4.1 PHAS= 61.8 FOM= 0.71 TEST= 0
INDE 2 15 71 FOBS= 36.2 SIGMA= 8.4 PHAS= -143.3 FOM= 0.56 TEST= 0
INDE 2 15 73 FOBS= 60.3 SIGMA= 5.1 PHAS= 122.7 FOM= 0.93 TEST= 0
INDE 2 15 75 FOBS= 65.5 SIGMA= 4.8 PHAS= -19.3 FOM= 0.90 TEST= 0
INDE 2 16 12 FOBS= 151.2 SIGMA= 0.9 PHAS= -112.0 FOM= 0.67 TEST= 0
INDE 2 16 14 FOBS= 358.3 SIGMA= 0.6 PHAS= -149.1 FOM= 0.96 TEST= 1
INDE 2 16 16 FOBS= 278.5 SIGMA= 0.6 PHAS= 45.3 FOM= 0.96 TEST= 0
INDE 2 16 18 FOBS= 232.9 SIGMA= 0.6 PHAS= 70.2 FOM= 0.91 TEST= 0
INDE 2 16 20 FOBS= 152.5 SIGMA= 0.6 PHAS= -137.5 FOM= 0.96 TEST= 0
INDE 2 16 22 FOBS= 112.6 SIGMA= 0.7 PHAS= -95.4 FOM= 0.92 TEST= 0
INDE 2 16 24 FOBS= 123.8 SIGMA= 0.7 PHAS= -1.6 FOM= 0.99 TEST= 0
INDE 2 16 26 FOBS= 103.0 SIGMA= 0.8 PHAS= 99.2 FOM= 0.88 TEST= 0
INDE 2 16 28 FOBS= 124.2 SIGMA= 0.7 PHAS= -130.0 FOM= 0.98 TEST= 0
INDE 2 16 30 FOBS= 123.6 SIGMA= 0.9 PHAS= -120.8 FOM= 0.95 TEST= 0
INDE 2 16 32 FOBS= 145.4 SIGMA= 0.6 PHAS= 128.6 FOM= 0.99 TEST= 0
INDE 2 16 34 FOBS= 166.1 SIGMA= 0.7 PHAS= 143.2 FOM= 0.90 TEST= 0
INDE 2 16 36 FOBS= 430.1 SIGMA= 0.7 PHAS= 15.6 FOM= 0.98 TEST= 1
INDE 2 16 38 FOBS= 154.7 SIGMA= 0.8 PHAS= -179.7 FOM= 0.95 TEST= 0
INDE 2 16 40 FOBS= 107.2 SIGMA= 1.1 PHAS= -91.0 FOM= 0.88 TEST= 0
INDE 2 16 42 FOBS= 222.3 SIGMA= 1.0 PHAS= 138.8 FOM= 0.94 TEST= 0
INDE 2 16 44 FOBS= 103.4 SIGMA= 2.2 PHAS= 149.3 FOM= 0.86 TEST= 0
INDE 2 16 46 FOBS= 54.3 SIGMA= 4.0 PHAS= 114.7 FOM= 0.68 TEST= 0
INDE 2 16 48 FOBS= 190.4 SIGMA= 1.2 PHAS= 148.2 FOM= 0.93 TEST= 0
INDE 2 16 50 FOBS= 28.9 SIGMA= 7.2 PHAS= -153.7 FOM= 0.24 TEST= 0
INDE 2 16 52 FOBS= 19.8 SIGMA= 10.1 PHAS= 170.2 FOM= 0.12 TEST= 0
INDE 2 16 54 FOBS= 145.8 SIGMA= 1.4 PHAS= 178.7 FOM= 0.94 TEST= 0
INDE 2 16 56 FOBS= 76.8 SIGMA= 2.6 PHAS= -120.9 FOM= 0.81 TEST= 0
INDE 2 16 58 FOBS= 24.3 SIGMA= 9.5 PHAS= 73.8 FOM= 0.56 TEST= 0
INDE 2 16 60 FOBS= 57.5 SIGMA= 2.9 PHAS= -102.7 FOM= 0.76 TEST= 0
INDE 2 16 62 FOBS= 135.2 SIGMA= 1.3 PHAS= -160.1 FOM= 0.95 TEST= 0
INDE 2 16 64 FOBS= 93.3 SIGMA= 2.9 PHAS= -103.7 FOM= 0.90 TEST= 0
INDE 2 16 66 FOBS= 88.9 SIGMA= 3.5 PHAS= -158.4 FOM= 0.93 TEST= 0
INDE 2 16 68 FOBS= 0.0 SIGMA= 24.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 2 16 70 FOBS= 94.1 SIGMA= 3.3 PHAS= 145.6 FOM= 0.89 TEST= 0
INDE 2 16 72 FOBS= 21.4 SIGMA= 14.5 PHAS= 76.2 FOM= 0.13 TEST= 0
INDE 2 16 74 FOBS= 40.2 SIGMA= 7.8 PHAS= 10.6 FOM= 0.68 TEST= 0
INDE 2 16 76 FOBS= 19.8 SIGMA= 16.1 PHAS= 70.7 FOM= 0.26 TEST= 0
INDE 2 17 13 FOBS= 196.6 SIGMA= 0.8 PHAS= 104.9 FOM= 0.50 TEST= 0
INDE 2 17 15 FOBS= 90.2 SIGMA= 1.4 PHAS= 85.1 FOM= 0.93 TEST= 0
INDE 2 17 17 FOBS= 387.5 SIGMA= 0.5 PHAS= -20.5 FOM= 0.96 TEST= 0
INDE 2 17 19 FOBS= 104.4 SIGMA= 0.9 PHAS= 65.1 FOM= 0.97 TEST= 0
INDE 2 17 21 FOBS= 149.8 SIGMA= 0.6 PHAS= 120.4 FOM= 0.88 TEST= 0
INDE 2 17 23 FOBS= 162.7 SIGMA= 0.6 PHAS= -173.1 FOM= 0.99 TEST= 0
INDE 2 17 25 FOBS= 128.4 SIGMA= 0.6 PHAS= -144.4 FOM= 0.91 TEST= 0
INDE 2 17 27 FOBS= 62.0 SIGMA= 1.3 PHAS= 3.1 FOM= 0.98 TEST= 0
INDE 2 17 29 FOBS= 110.9 SIGMA= 0.8 PHAS= 118.9 FOM= 0.96 TEST= 0
INDE 2 17 31 FOBS= 83.9 SIGMA= 1.0 PHAS= -174.1 FOM= 0.99 TEST= 0
INDE 2 17 33 FOBS= 366.4 SIGMA= 0.6 PHAS= 101.2 FOM= 0.99 TEST= 0
INDE 2 17 35 FOBS= 180.7 SIGMA= 0.9 PHAS= -7.2 FOM= 0.96 TEST= 0
INDE 2 17 37 FOBS= 219.7 SIGMA= 0.8 PHAS= -118.2 FOM= 0.93 TEST= 0
INDE 2 17 39 FOBS= 274.0 SIGMA= 0.6 PHAS= 137.3 FOM= 0.95 TEST= 0
INDE 2 17 41 FOBS= 176.8 SIGMA= 0.7 PHAS= 78.0 FOM= 0.96 TEST= 0
INDE 2 17 43 FOBS= 220.2 SIGMA= 1.1 PHAS= 71.8 FOM= 0.93 TEST= 0
INDE 2 17 45 FOBS= 251.6 SIGMA= 1.1 PHAS= 41.2 FOM= 0.94 TEST= 0
INDE 2 17 47 FOBS= 63.3 SIGMA= 3.5 PHAS= -19.3 FOM= 0.93 TEST= 0
INDE 2 17 49 FOBS= 59.6 SIGMA= 3.6 PHAS= -43.4 FOM= 0.80 TEST= 0

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INDE	2	17	51	FOBS=	95.6	SIGMA=	2.2	PHAS=	-154.8	FOM=	0.27	TEST=	0
INDE	2	17	53	FOBS=	75.2	SIGMA=	2.7	PHAS=	-9.0	FOM=	0.89	TEST=	0
INDE	2	17	55	FOBS=	62.1	SIGMA=	3.3	PHAS=	171.0	FOM=	0.60	TEST=	0
INDE	2	17	57	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	17	59	FOBS=	73.9	SIGMA=	2.4	PHAS=	74.0	FOM=	0.77	TEST=	0
INDE	2	17	61	FOBS=	159.4	SIGMA=	1.1	PHAS=	144.2	FOM=	0.96	TEST=	0
INDE	2	17	63	FOBS=	135.0	SIGMA=	1.4	PHAS=	109.1	FOM=	0.94	TEST=	0
INDE	2	17	65	FOBS=	40.5	SIGMA=	7.6	PHAS=	-76.0	FOM=	0.43	TEST=	0
INDE	2	17	67	FOBS=	39.5	SIGMA=	7.8	PHAS=	7.9	FOM=	0.58	TEST=	0
INDE	2	17	69	FOBS=	110.8	SIGMA=	2.8	PHAS=	58.5	FOM=	0.88	TEST=	0
INDE	2	17	71	FOBS=	54.7	SIGMA=	5.7	PHAS=	106.4	FOM=	0.53	TEST=	0
INDE	2	17	73	FOBS=	57.2	SIGMA=	5.6	PHAS=	153.5	FOM=	0.71	TEST=	1
INDE	2	17	75	FOBS=	84.6	SIGMA=	3.8	PHAS=	-55.4	FOM=	0.93	TEST=	0
INDE	2	18	2	FOBS=	312.2	SIGMA=	0.5	PHAS=	-177.4	FOM=	0.91	TEST=	0
INDE	2	18	4	FOBS=	185.2	SIGMA=	0.4	PHAS=	-106.4	FOM=	0.99	TEST=	0
INDE	2	18	6	FOBS=	201.3	SIGMA=	0.6	PHAS=	-107.9	FOM=	0.95	TEST=	0
INDE	2	18	14	FOBS=	174.6	SIGMA=	0.9	PHAS=	-91.6	FOM=	0.86	TEST=	0
INDE	2	18	16	FOBS=	162.6	SIGMA=	0.9	PHAS=	-85.1	FOM=	0.77	TEST=	0
INDE	2	18	18	FOBS=	153.0	SIGMA=	0.9	PHAS=	-97.3	FOM=	0.95	TEST=	0
INDE	2	18	20	FOBS=	126.3	SIGMA=	0.8	PHAS=	-13.1	FOM=	0.96	TEST=	0
INDE	2	18	22	FOBS=	141.8	SIGMA=	0.7	PHAS=	53.0	FOM=	0.99	TEST=	1
INDE	2	18	24	FOBS=	91.4	SIGMA=	0.9	PHAS=	51.0	FOM=	0.98	TEST=	0
INDE	2	18	26	FOBS=	122.8	SIGMA=	0.7	PHAS=	25.6	FOM=	0.99	TEST=	0
INDE	2	18	28	FOBS=	25.5	SIGMA=	3.1	PHAS=	37.6	FOM=	0.76	TEST=	1
INDE	2	18	30	FOBS=	106.3	SIGMA=	0.9	PHAS=	176.2	FOM=	0.89	TEST=	0
INDE	2	18	32	FOBS=	190.9	SIGMA=	0.7	PHAS=	32.9	FOM=	0.98	TEST=	0
INDE	2	18	34	FOBS=	237.2	SIGMA=	0.5	PHAS=	-170.1	FOM=	0.96	TEST=	0
INDE	2	18	36	FOBS=	340.1	SIGMA=	0.7	PHAS=	-44.4	FOM=	0.95	TEST=	0
INDE	2	18	38	FOBS=	190.0	SIGMA=	0.9	PHAS=	97.0	FOM=	0.93	TEST=	0
INDE	2	18	40	FOBS=	77.4	SIGMA=	1.5	PHAS=	-35.2	FOM=	0.94	TEST=	0
INDE	2	18	42	FOBS=	237.0	SIGMA=	0.7	PHAS=	0.5	FOM=	0.96	TEST=	0
INDE	2	18	44	FOBS=	313.3	SIGMA=	0.9	PHAS=	-108.4	FOM=	0.98	TEST=	0
INDE	2	18	46	FOBS=	133.8	SIGMA=	1.7	PHAS=	-104.0	FOM=	0.76	TEST=	0
INDE	2	18	48	FOBS=	95.6	SIGMA=	2.3	PHAS=	-175.1	FOM=	0.97	TEST=	0
INDE	2	18	50	FOBS=	171.7	SIGMA=	1.3	PHAS=	-120.1	FOM=	0.60	TEST=	1
INDE	2	18	52	FOBS=	75.1	SIGMA=	2.8	PHAS=	-161.9	FOM=	0.37	TEST=	0
INDE	2	18	54	FOBS=	111.0	SIGMA=	1.9	PHAS=	-150.2	FOM=	0.93	TEST=	0
INDE	2	18	56	FOBS=	155.2	SIGMA=	1.4	PHAS=	-63.9	FOM=	0.90	TEST=	0
INDE	2	18	58	FOBS=	138.4	SIGMA=	1.6	PHAS=	9.9	FOM=	0.95	TEST=	0
INDE	2	18	60	FOBS=	168.1	SIGMA=	1.1	PHAS=	-20.6	FOM=	0.96	TEST=	0
INDE	2	18	62	FOBS=	29.2	SIGMA=	6.8	PHAS=	-3.9	FOM=	0.57	TEST=	0
INDE	2	18	64	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	18	66	FOBS=	14.0	SIGMA=	22.1	PHAS=	175.3	FOM=	0.55	TEST=	1
INDE	2	18	68	FOBS=	0.0	SIGMA=	24.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	18	70	FOBS=	62.2	SIGMA=	5.1	PHAS=	6.8	FOM=	0.85	TEST=	0
INDE	2	18	72	FOBS=	66.4	SIGMA=	4.8	PHAS=	-118.0	FOM=	0.70	TEST=	0
INDE	2	18	74	FOBS=	43.1	SIGMA=	7.6	PHAS=	113.2	FOM=	0.56	TEST=	0
INDE	2	19	3	FOBS=	232.2	SIGMA=	0.5	PHAS=	87.0	FOM=	0.82	TEST=	0
INDE	2	19	5	FOBS=	143.6	SIGMA=	0.7	PHAS=	37.1	FOM=	0.95	TEST=	0
INDE	2	19	7	FOBS=	215.2	SIGMA=	0.6	PHAS=	143.1	FOM=	0.91	TEST=	0
INDE	2	19	15	FOBS=	93.2	SIGMA=	1.4	PHAS=	102.6	FOM=	0.69	TEST=	0
INDE	2	19	17	FOBS=	129.5	SIGMA=	1.1	PHAS=	139.5	FOM=	0.99	TEST=	0
INDE	2	19	19	FOBS=	28.4	SIGMA=	3.0	PHAS=	-158.3	FOM=	0.66	TEST=	0
INDE	2	19	21	FOBS=	155.4	SIGMA=	0.7	PHAS=	28.1	FOM=	0.98	TEST=	0
INDE	2	19	23	FOBS=	45.3	SIGMA=	2.0	PHAS=	-140.4	FOM=	0.95	TEST=	0
INDE	2	19	25	FOBS=	151.4	SIGMA=	0.7	PHAS=	-138.9	FOM=	0.99	TEST=	0
INDE	2	19	27	FOBS=	208.3	SIGMA=	0.6	PHAS=	-97.6	FOM=	0.99	TEST=	0
INDE	2	19	29	FOBS=	113.0	SIGMA=	0.8	PHAS=	164.5	FOM=	0.95	TEST=	0
INDE	2	19	31	FOBS=	225.3	SIGMA=	0.6	PHAS=	119.7	FOM=	0.93	TEST=	0
INDE	2	19	33	FOBS=	256.6	SIGMA=	0.7	PHAS=	76.8	FOM=	0.92	TEST=	0
INDE	2	19	35	FOBS=	112.2	SIGMA=	1.0	PHAS=	88.9	FOM=	0.88	TEST=	0
INDE	2	19	37	FOBS=	137.4	SIGMA=	0.8	PHAS=	-75.1	FOM=	0.97	TEST=	0
INDE	2	19	39	FOBS=	241.1	SIGMA=	0.6	PHAS=	-121.2	FOM=	0.93	TEST=	0
INDE	2	19	41	FOBS=	89.8	SIGMA=	1.4	PHAS=	33.9	FOM=	0.77	TEST=	0
INDE	2	19	43	FOBS=	151.0	SIGMA=	1.0	PHAS=	129.9	FOM=	0.92	TEST=	0
INDE	2	19	45	FOBS=	339.4	SIGMA=	0.8	PHAS=	121.9	FOM=	0.97	TEST=	0
INDE	2	19	47	FOBS=	166.5	SIGMA=	1.4	PHAS=	-141.3	FOM=	0.87	TEST=	0
INDE	2	19	49	FOBS=	95.6	SIGMA=	2.3	PHAS=	110.7	FOM=	0.95	TEST=	0
INDE	2	19	51	FOBS=	154.9	SIGMA=	1.4	PHAS=	56.4	FOM=	0.93	TEST=	0
INDE	2	19	53	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0

INDE	2	19	55	FOBS=	118.8	SIGMA=	1.8	PHAS=	-166.2	FOM=	0.92	TEST=	0
INDE	2	19	57	FOBS=	111.1	SIGMA=	1.9	PHAS=	-96.3	FOM=	0.87	TEST=	0
INDE	2	19	59	FOBS=	179.7	SIGMA=	1.3	PHAS=	-77.1	FOM=	0.97	TEST=	0
INDE	2	19	61	FOBS=	112.5	SIGMA=	1.6	PHAS=	-136.1	FOM=	0.94	TEST=	0
INDE	2	19	63	FOBS=	84.1	SIGMA=	2.4	PHAS=	-16.6	FOM=	0.45	TEST=	0
INDE	2	19	65	FOBS=	64.8	SIGMA=	4.9	PHAS=	-33.7	FOM=	0.88	TEST=	0
INDE	2	19	67	FOBS=	44.6	SIGMA=	7.0	PHAS=	-71.1	FOM=	0.67	TEST=	0
INDE	2	19	69	FOBS=	32.6	SIGMA=	9.6	PHAS=	17.6	FOM=	0.23	TEST=	0
INDE	2	19	71	FOBS=	35.5	SIGMA=	8.8	PHAS=	128.1	FOM=	0.74	TEST=	0
INDE	2	19	73	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	19	75	FOBS=	14.2	SIGMA=	23.1	PHAS=	-92.6	FOM=	0.24	TEST=	0
INDE	2	20	2	FOBS=	182.1	SIGMA=	0.6	PHAS=	-37.8	FOM=	0.93	TEST=	0
INDE	2	20	4	FOBS=	181.0	SIGMA=	0.5	PHAS=	137.9	FOM=	0.47	TEST=	0
INDE	2	20	6	FOBS=	28.4	SIGMA=	3.0	PHAS=	142.9	FOM=	0.46	TEST=	0
INDE	2	20	8	FOBS=	130.6	SIGMA=	0.9	PHAS=	49.9	FOM=	0.72	TEST=	0
INDE	2	20	16	FOBS=	43.9	SIGMA=	2.9	PHAS=	145.7	FOM=	0.35	TEST=	0
INDE	2	20	18	FOBS=	219.7	SIGMA=	0.9	PHAS=	11.6	FOM=	0.99	TEST=	0
INDE	2	20	20	FOBS=	166.7	SIGMA=	0.8	PHAS=	20.3	FOM=	0.94	TEST=	0
INDE	2	20	22	FOBS=	243.0	SIGMA=	0.6	PHAS=	-44.7	FOM=	0.97	TEST=	0
INDE	2	20	24	FOBS=	52.4	SIGMA=	1.9	PHAS=	16.8	FOM=	0.94	TEST=	0
INDE	2	20	26	FOBS=	120.3	SIGMA=	0.8	PHAS=	109.5	FOM=	0.95	TEST=	0
INDE	2	20	28	FOBS=	92.2	SIGMA=	1.0	PHAS=	75.4	FOM=	0.98	TEST=	0
INDE	2	20	30	FOBS=	136.7	SIGMA=	0.7	PHAS=	108.5	FOM=	0.93	TEST=	0
INDE	2	20	32	FOBS=	231.9	SIGMA=	0.8	PHAS=	36.6	FOM=	0.92	TEST=	0
INDE	2	20	34	FOBS=	145.2	SIGMA=	0.9	PHAS=	-71.8	FOM=	0.96	TEST=	0
INDE	2	20	36	FOBS=	298.1	SIGMA=	0.7	PHAS=	-76.4	FOM=	0.96	TEST=	0
INDE	2	20	38	FOBS=	237.9	SIGMA=	0.6	PHAS=	166.6	FOM=	0.96	TEST=	0
INDE	2	20	40	FOBS=	0.0	SIGMA=	16.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	20	42	FOBS=	394.9	SIGMA=	0.6	PHAS=	28.7	FOM=	0.99	TEST=	0
INDE	2	20	44	FOBS=	103.8	SIGMA=	1.4	PHAS=	-30.4	FOM=	0.72	TEST=	0
INDE	2	20	46	FOBS=	95.5	SIGMA=	2.0	PHAS=	68.3	FOM=	0.93	TEST=	0
INDE	2	20	48	FOBS=	65.5	SIGMA=	3.3	PHAS=	173.8	FOM=	0.60	TEST=	0
INDE	2	20	50	FOBS=	171.2	SIGMA=	1.3	PHAS=	-44.9	FOM=	0.95	TEST=	0
INDE	2	20	52	FOBS=	92.2	SIGMA=	2.3	PHAS=	-115.7	FOM=	0.63	TEST=	0
INDE	2	20	54	FOBS=	79.7	SIGMA=	2.6	PHAS=	179.5	FOM=	0.86	TEST=	0
INDE	2	20	56	FOBS=	74.2	SIGMA=	2.7	PHAS=	-159.2	FOM=	0.66	TEST=	0
INDE	2	20	58	FOBS=	116.9	SIGMA=	1.9	PHAS=	155.2	FOM=	0.89	TEST=	0
INDE	2	20	60	FOBS=	85.6	SIGMA=	2.6	PHAS=	-104.8	FOM=	0.87	TEST=	0
INDE	2	20	62	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	20	64	FOBS=	83.7	SIGMA=	3.9	PHAS=	-143.3	FOM=	0.88	TEST=	0
INDE	2	20	66	FOBS=	69.1	SIGMA=	4.7	PHAS=	-155.1	FOM=	0.74	TEST=	0
INDE	2	20	68	FOBS=	72.1	SIGMA=	4.4	PHAS=	89.2	FOM=	0.76	TEST=	0
INDE	2	20	70	FOBS=	75.0	SIGMA=	4.3	PHAS=	7.0	FOM=	0.88	TEST=	0
INDE	2	20	72	FOBS=	45.7	SIGMA=	7.0	PHAS=	-29.6	FOM=	0.75	TEST=	0
INDE	2	20	74	FOBS=	70.0	SIGMA=	4.8	PHAS=	167.8	FOM=	0.92	TEST=	0
INDE	2	21	3	FOBS=	305.7	SIGMA=	0.5	PHAS=	51.9	FOM=	0.97	TEST=	0
INDE	2	21	5	FOBS=	283.2	SIGMA=	0.6	PHAS=	14.0	FOM=	0.94	TEST=	0
INDE	2	21	7	FOBS=	157.2	SIGMA=	0.8	PHAS=	23.0	FOM=	0.82	TEST=	0
INDE	2	21	17	FOBS=	32.7	SIGMA=	4.1	PHAS=	45.2	FOM=	0.41	TEST=	0
INDE	2	21	19	FOBS=	105.5	SIGMA=	1.1	PHAS=	-111.8	FOM=	0.99	TEST=	0
INDE	2	21	21	FOBS=	78.2	SIGMA=	1.3	PHAS=	-60.7	FOM=	0.90	TEST=	0
INDE	2	21	23	FOBS=	154.2	SIGMA=	0.8	PHAS=	-130.9	FOM=	0.97	TEST=	0
INDE	2	21	25	FOBS=	0.0	SIGMA=	14.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	21	27	FOBS=	301.3	SIGMA=	0.6	PHAS=	-37.7	FOM=	0.99	TEST=	0
INDE	2	21	29	FOBS=	284.5	SIGMA=	0.6	PHAS=	-119.2	FOM=	0.97	TEST=	0
INDE	2	21	31	FOBS=	0.0	SIGMA=	13.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	21	33	FOBS=	205.7	SIGMA=	0.8	PHAS=	44.6	FOM=	0.98	TEST=	0
INDE	2	21	35	FOBS=	302.5	SIGMA=	0.8	PHAS=	-174.4	FOM=	0.93	TEST=	0
INDE	2	21	37	FOBS=	86.2	SIGMA=	1.5	PHAS=	-179.6	FOM=	0.97	TEST=	1
INDE	2	21	39	FOBS=	218.8	SIGMA=	0.6	PHAS=	-48.6	FOM=	0.50	TEST=	1
INDE	2	21	41	FOBS=	270.0	SIGMA=	0.9	PHAS=	-49.5	FOM=	0.99	TEST=	0
INDE	2	21	43	FOBS=	32.7	SIGMA=	4.7	PHAS=	-159.4	FOM=	0.28	TEST=	0
INDE	2	21	45	FOBS=	86.5	SIGMA=	1.7	PHAS=	-161.1	FOM=	0.90	TEST=	0
INDE	2	21	47	FOBS=	88.0	SIGMA=	2.1	PHAS=	-100.7	FOM=	0.77	TEST=	0
INDE	2	21	49	FOBS=	152.2	SIGMA=	1.3	PHAS=	-179.0	FOM=	0.96	TEST=	0
INDE	2	21	51	FOBS=	106.2	SIGMA=	2.0	PHAS=	130.2	FOM=	0.84	TEST=	0
INDE	2	21	53	FOBS=	90.8	SIGMA=	2.3	PHAS=	106.0	FOM=	0.66	TEST=	0
INDE	2	21	55	FOBS=	29.6	SIGMA=	9.2	PHAS=	141.5	FOM=	0.05	TEST=	0
INDE	2	21	57	FOBS=	82.8	SIGMA=	2.4	PHAS=	101.6	FOM=	0.78	TEST=	0
INDE	2	21	59	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	1

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INDE	2	21	61	FOBS=	34.7	SIGMA=	4.9	PHAS=	-108.2	FOM=	0.33	TEST=	0
INDE	2	21	63	FOBS=	75.5	SIGMA=	3.0	PHAS=	-105.3	FOM=	0.54	TEST=	0
INDE	2	21	65	FOBS=	40.6	SIGMA=	7.9	PHAS=	153.7	FOM=	0.50	TEST=	0
INDE	2	21	67	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	21	69	FOBS=	46.3	SIGMA=	6.8	PHAS=	-39.5	FOM=	0.66	TEST=	0
INDE	2	21	71	FOBS=	58.3	SIGMA=	5.6	PHAS=	-108.8	FOM=	0.89	TEST=	0
INDE	2	21	73	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	22	2	FOBS=	252.5	SIGMA=	0.5	PHAS=	-129.1	FOM=	0.87	TEST=	1
INDE	2	22	4	FOBS=	316.1	SIGMA=	0.5	PHAS=	0.3	FOM=	0.92	TEST=	0
INDE	2	22	6	FOBS=	113.7	SIGMA=	0.9	PHAS=	-111.1	FOM=	0.96	TEST=	0
INDE	2	22	8	FOBS=	102.2	SIGMA=	1.1	PHAS=	-20.1	FOM=	0.49	TEST=	0
INDE	2	22	18	FOBS=	180.7	SIGMA=	1.0	PHAS=	-9.7	FOM=	0.98	TEST=	0
INDE	2	22	20	FOBS=	189.9	SIGMA=	1.0	PHAS=	79.2	FOM=	0.92	TEST=	0
INDE	2	22	22	FOBS=	94.5	SIGMA=	1.1	PHAS=	-66.7	FOM=	0.99	TEST=	0
INDE	2	22	24	FOBS=	221.0	SIGMA=	0.6	PHAS=	-44.1	FOM=	0.97	TEST=	0
INDE	2	22	26	FOBS=	121.8	SIGMA=	1.0	PHAS=	-118.4	FOM=	0.97	TEST=	0
INDE	2	22	28	FOBS=	166.9	SIGMA=	0.8	PHAS=	174.7	FOM=	0.98	TEST=	0
INDE	2	22	30	FOBS=	223.8	SIGMA=	0.6	PHAS=	177.2	FOM=	0.97	TEST=	0
INDE	2	22	32	FOBS=	115.3	SIGMA=	1.0	PHAS=	130.6	FOM=	0.92	TEST=	0
INDE	2	22	34	FOBS=	50.4	SIGMA=	2.1	PHAS=	-61.4	FOM=	0.33	TEST=	0
INDE	2	22	36	FOBS=	107.2	SIGMA=	1.0	PHAS=	149.8	FOM=	0.86	TEST=	0
INDE	2	22	38	FOBS=	118.2	SIGMA=	1.0	PHAS=	83.9	FOM=	0.78	TEST=	0
INDE	2	22	40	FOBS=	252.1	SIGMA=	0.9	PHAS=	141.3	FOM=	0.96	TEST=	0
INDE	2	22	42	FOBS=	230.2	SIGMA=	1.1	PHAS=	95.2	FOM=	0.95	TEST=	0
INDE	2	22	44	FOBS=	79.1	SIGMA=	2.2	PHAS=	168.3	FOM=	0.90	TEST=	0
INDE	2	22	46	FOBS=	111.3	SIGMA=	1.3	PHAS=	-90.8	FOM=	0.83	TEST=	0
INDE	2	22	48	FOBS=	182.7	SIGMA=	0.9	PHAS=	153.0	FOM=	0.91	TEST=	0
INDE	2	22	50	FOBS=	207.6	SIGMA=	0.9	PHAS=	37.9	FOM=	0.94	TEST=	0
INDE	2	22	52	FOBS=	60.7	SIGMA=	3.5	PHAS=	25.7	FOM=	0.71	TEST=	0
INDE	2	22	54	FOBS=	68.7	SIGMA=	3.0	PHAS=	-115.1	FOM=	0.59	TEST=	0
INDE	2	22	56	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	22	58	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	22	60	FOBS=	11.3	SIGMA=	19.2	PHAS=	-22.8	FOM=	0.05	TEST=	0
INDE	2	22	62	FOBS=	58.0	SIGMA=	3.6	PHAS=	64.3	FOM=	0.44	TEST=	0
INDE	2	22	64	FOBS=	50.2	SIGMA=	6.6	PHAS=	-73.4	FOM=	0.58	TEST=	0
INDE	2	22	66	FOBS=	15.7	SIGMA=	28.5	PHAS=	62.5	FOM=	0.23	TEST=	0
INDE	2	22	68	FOBS=	72.5	SIGMA=	4.6	PHAS=	99.8	FOM=	0.72	TEST=	0
INDE	2	22	70	FOBS=	27.1	SIGMA=	11.9	PHAS=	-114.3	FOM=	0.00	TEST=	1
INDE	2	22	72	FOBS=	21.2	SIGMA=	15.4	PHAS=	15.6	FOM=	0.15	TEST=	0
INDE	2	22	74	FOBS=	39.3	SIGMA=	8.6	PHAS=	-144.2	FOM=	0.64	TEST=	0
INDE	2	23	3	FOBS=	84.4	SIGMA=	1.1	PHAS=	22.0	FOM=	0.95	TEST=	0
INDE	2	23	5	FOBS=	109.4	SIGMA=	0.6	PHAS=	100.3	FOM=	0.82	TEST=	0
INDE	2	23	7	FOBS=	259.9	SIGMA=	0.6	PHAS=	-6.4	FOM=	0.98	TEST=	0
INDE	2	23	9	FOBS=	127.5	SIGMA=	1.0	PHAS=	-179.1	FOM=	0.85	TEST=	0
INDE	2	23	17	FOBS=	128.3	SIGMA=	1.8	PHAS=	-27.2	FOM=	0.86	TEST=	0
INDE	2	23	19	FOBS=	125.7	SIGMA=	1.3	PHAS=	-83.4	FOM=	0.70	TEST=	0
INDE	2	23	21	FOBS=	195.1	SIGMA=	0.8	PHAS=	-43.5	FOM=	0.97	TEST=	0
INDE	2	23	23	FOBS=	203.5	SIGMA=	0.8	PHAS=	-73.2	FOM=	0.96	TEST=	0
INDE	2	23	25	FOBS=	172.9	SIGMA=	0.8	PHAS=	-162.5	FOM=	0.97	TEST=	0
INDE	2	23	27	FOBS=	53.3	SIGMA=	2.2	PHAS=	-95.2	FOM=	0.96	TEST=	0
INDE	2	23	29	FOBS=	171.7	SIGMA=	0.8	PHAS=	176.1	FOM=	0.93	TEST=	0
INDE	2	23	31	FOBS=	52.8	SIGMA=	2.2	PHAS=	74.8	FOM=	0.49	TEST=	0
INDE	2	23	33	FOBS=	434.3	SIGMA=	0.6	PHAS=	67.1	FOM=	0.97	TEST=	0
INDE	2	23	35	FOBS=	91.5	SIGMA=	1.3	PHAS=	86.4	FOM=	0.96	TEST=	0
INDE	2	23	37	FOBS=	46.0	SIGMA=	2.4	PHAS=	-101.1	FOM=	0.78	TEST=	0
INDE	2	23	39	FOBS=	161.4	SIGMA=	0.8	PHAS=	-55.3	FOM=	0.90	TEST=	0
INDE	2	23	41	FOBS=	193.9	SIGMA=	1.1	PHAS=	-31.4	FOM=	0.92	TEST=	0
INDE	2	23	43	FOBS=	142.7	SIGMA=	1.2	PHAS=	51.2	FOM=	0.92	TEST=	0
INDE	2	23	45	FOBS=	226.3	SIGMA=	0.7	PHAS=	-143.6	FOM=	0.91	TEST=	0
INDE	2	23	47	FOBS=	153.2	SIGMA=	1.0	PHAS=	73.9	FOM=	0.90	TEST=	0
INDE	2	23	49	FOBS=	159.2	SIGMA=	1.0	PHAS=	24.4	FOM=	0.61	TEST=	1
INDE	2	23	51	FOBS=	61.2	SIGMA=	2.8	PHAS=	-158.2	FOM=	0.64	TEST=	1
INDE	2	23	53	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	23	55	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	23	57	FOBS=	39.7	SIGMA=	5.6	PHAS=	45.3	FOM=	0.40	TEST=	0
INDE	2	23	59	FOBS=	7.5	SIGMA=	28.9	PHAS=	0.2	FOM=	0.06	TEST=	0
INDE	2	23	61	FOBS=	99.1	SIGMA=	2.5	PHAS=	-44.1	FOM=	0.80	TEST=	0
INDE	2	23	63	FOBS=	93.8	SIGMA=	2.5	PHAS=	-45.0	FOM=	0.90	TEST=	0
INDE	2	23	65	FOBS=	14.4	SIGMA=	23.0	PHAS=	107.0	FOM=	0.29	TEST=	0
INDE	2	23	67	FOBS=	66.9	SIGMA=	5.0	PHAS=	0.1	FOM=	0.74	TEST=	0

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INDE	2	23	69	FOBS=	33.1	SIGMA=	9.9	PHAS=	-13.4	FOM=	0.29	TEST=	0
INDE	2	23	71	FOBS=	39.3	SIGMA=	8.5	PHAS=	-141.4	FOM=	0.46	TEST=	0
INDE	2	23	73	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	24	2	FOBS=	94.4	SIGMA=	1.0	PHAS=	9.3	FOM=	0.24	TEST=	0
INDE	2	24	4	FOBS=	190.3	SIGMA=	0.7	PHAS=	-28.2	FOM=	0.95	TEST=	0
INDE	2	24	6	FOBS=	26.4	SIGMA=	3.6	PHAS=	-121.0	FOM=	0.92	TEST=	0
INDE	2	24	8	FOBS=	69.6	SIGMA=	1.5	PHAS=	-95.1	FOM=	0.81	TEST=	0
INDE	2	24	18	FOBS=	177.7	SIGMA=	1.5	PHAS=	-59.8	FOM=	0.71	TEST=	0
INDE	2	24	20	FOBS=	131.4	SIGMA=	1.3	PHAS=	-174.2	FOM=	0.99	TEST=	0
INDE	2	24	22	FOBS=	198.4	SIGMA=	1.1	PHAS=	157.6	FOM=	0.94	TEST=	0
INDE	2	24	24	FOBS=	86.3	SIGMA=	1.4	PHAS=	-127.5	FOM=	0.99	TEST=	0
INDE	2	24	26	FOBS=	88.1	SIGMA=	1.4	PHAS=	177.2	FOM=	0.78	TEST=	0
INDE	2	24	28	FOBS=	261.6	SIGMA=	0.8	PHAS=	165.5	FOM=	0.91	TEST=	0
INDE	2	24	30	FOBS=	295.6	SIGMA=	0.6	PHAS=	-148.0	FOM=	0.94	TEST=	0
INDE	2	24	32	FOBS=	216.9	SIGMA=	0.9	PHAS=	84.9	FOM=	0.86	TEST=	0
INDE	2	24	34	FOBS=	417.5	SIGMA=	0.5	PHAS=	-48.2	FOM=	0.97	TEST=	0
INDE	2	24	36	FOBS=	212.8	SIGMA=	0.6	PHAS=	-112.7	FOM=	0.94	TEST=	0
INDE	2	24	38	FOBS=	40.4	SIGMA=	2.9	PHAS=	-5.7	FOM=	0.87	TEST=	0
INDE	2	24	40	FOBS=	46.4	SIGMA=	3.0	PHAS=	11.6	FOM=	0.56	TEST=	0
INDE	2	24	42	FOBS=	60.2	SIGMA=	2.3	PHAS=	60.4	FOM=	0.92	TEST=	0
INDE	2	24	44	FOBS=	215.9	SIGMA=	1.4	PHAS=	-126.0	FOM=	0.94	TEST=	0
INDE	2	24	46	FOBS=	0.0	SIGMA=	17.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	2	24	48	FOBS=	27.8	SIGMA=	5.2	PHAS=	-131.6	FOM=	0.44	TEST=	0
INDE	2	24	50	FOBS=	140.7	SIGMA=	1.3	PHAS=	-156.1	FOM=	0.84	TEST=	0
INDE	2	24	52	FOBS=	45.9	SIGMA=	3.8	PHAS=	-51.8	FOM=	0.64	TEST=	0
INDE	2	24	54	FOBS=	64.4	SIGMA=	2.7	PHAS=	-36.7	FOM=	0.36	TEST=	0
INDE	2	24	56	FOBS=	33.3	SIGMA=	6.2	PHAS=	-155.7	FOM=	0.43	TEST=	0
INDE	2	24	58	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	24	60	FOBS=	91.9	SIGMA=	2.4	PHAS=	-98.5	FOM=	0.82	TEST=	0
INDE	2	24	62	FOBS=	55.7	SIGMA=	4.1	PHAS=	-166.9	FOM=	0.58	TEST=	0
INDE	2	24	64	FOBS=	37.8	SIGMA=	6.0	PHAS=	-87.0	FOM=	0.27	TEST=	0
INDE	2	24	66	FOBS=	88.7	SIGMA=	3.8	PHAS=	-71.7	FOM=	0.87	TEST=	0
INDE	2	24	68	FOBS=	23.3	SIGMA=	20.6	PHAS=	176.6	FOM=	0.37	TEST=	0
INDE	2	24	70	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	24	72	FOBS=	18.5	SIGMA=	18.2	PHAS=	-26.1	FOM=	0.17	TEST=	0
INDE	2	25	3	FOBS=	120.9	SIGMA=	0.9	PHAS=	-86.0	FOM=	0.88	TEST=	0
INDE	2	25	5	FOBS=	73.1	SIGMA=	0.9	PHAS=	59.2	FOM=	0.98	TEST=	0
INDE	2	25	7	FOBS=	178.9	SIGMA=	0.7	PHAS=	74.7	FOM=	0.99	TEST=	0
INDE	2	25	9	FOBS=	85.1	SIGMA=	1.3	PHAS=	71.5	FOM=	0.84	TEST=	1
INDE	2	25	19	FOBS=	115.9	SIGMA=	1.5	PHAS=	-147.3	FOM=	0.87	TEST=	0
INDE	2	25	21	FOBS=	270.9	SIGMA=	0.9	PHAS=	28.8	FOM=	0.95	TEST=	0
INDE	2	25	23	FOBS=	72.2	SIGMA=	1.6	PHAS=	24.8	FOM=	0.56	TEST=	1
INDE	2	25	25	FOBS=	130.3	SIGMA=	1.0	PHAS=	59.0	FOM=	0.68	TEST=	0
INDE	2	25	27	FOBS=	126.9	SIGMA=	1.1	PHAS=	12.8	FOM=	0.95	TEST=	0
INDE	2	25	29	FOBS=	268.9	SIGMA=	0.7	PHAS=	94.9	FOM=	0.94	TEST=	0
INDE	2	25	31	FOBS=	137.9	SIGMA=	1.1	PHAS=	-67.8	FOM=	0.92	TEST=	0
INDE	2	25	33	FOBS=	216.4	SIGMA=	1.0	PHAS=	-44.3	FOM=	0.90	TEST=	0
INDE	2	25	35	FOBS=	36.1	SIGMA=	3.9	PHAS=	-87.5	FOM=	0.68	TEST=	0
INDE	2	25	37	FOBS=	204.5	SIGMA=	0.7	PHAS=	-145.1	FOM=	0.95	TEST=	0
INDE	2	25	39	FOBS=	298.3	SIGMA=	0.6	PHAS=	-33.2	FOM=	0.93	TEST=	0
INDE	2	25	41	FOBS=	0.0	SIGMA=	17.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	25	43	FOBS=	0.0	SIGMA=	17.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	25	45	FOBS=	130.5	SIGMA=	1.2	PHAS=	45.3	FOM=	0.77	TEST=	0
INDE	2	25	47	FOBS=	153.0	SIGMA=	1.1	PHAS=	8.8	FOM=	0.85	TEST=	1
INDE	2	25	49	FOBS=	109.2	SIGMA=	1.3	PHAS=	-46.8	FOM=	0.90	TEST=	0
INDE	2	25	51	FOBS=	69.7	SIGMA=	1.9	PHAS=	-102.3	FOM=	0.79	TEST=	0
INDE	2	25	53	FOBS=	32.2	SIGMA=	5.2	PHAS=	75.0	FOM=	0.30	TEST=	0
INDE	2	25	55	FOBS=	100.6	SIGMA=	1.7	PHAS=	174.8	FOM=	0.76	TEST=	0
INDE	2	25	57	FOBS=	69.9	SIGMA=	3.0	PHAS=	-9.8	FOM=	0.22	TEST=	0
INDE	2	25	59	FOBS=	40.1	SIGMA=	6.1	PHAS=	64.8	FOM=	0.60	TEST=	0
INDE	2	25	61	FOBS=	59.8	SIGMA=	5.4	PHAS=	-125.8	FOM=	0.76	TEST=	0
INDE	2	25	63	FOBS=	86.1	SIGMA=	2.7	PHAS=	-92.2	FOM=	0.83	TEST=	0
INDE	2	25	65	FOBS=	45.0	SIGMA=	7.7	PHAS=	178.5	FOM=	0.73	TEST=	0
INDE	2	25	67	FOBS=	40.2	SIGMA=	8.4	PHAS=	-136.8	FOM=	0.68	TEST=	0
INDE	2	25	69	FOBS=	72.4	SIGMA=	4.7	PHAS=	177.4	FOM=	0.19	TEST=	1
INDE	2	25	71	FOBS=	32.7	SIGMA=	10.5	PHAS=	-124.1	FOM=	0.16	TEST=	0
INDE	2	25	73	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	26	2	FOBS=	219.9	SIGMA=	0.6	PHAS=	100.6	FOM=	0.96	TEST=	0
INDE	2	26	4	FOBS=	187.7	SIGMA=	0.7	PHAS=	-56.1	FOM=	0.98	TEST=	0
INDE	2	26	6	FOBS=	278.9	SIGMA=	0.5	PHAS=	7.2	FOM=	0.98	TEST=	1

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INDE	2	26	8	FOBS=	151.0	SIGMA=	0.9	PHAS=	3.9	FOM=	0.99	TEST=	0
INDE	2	26	10	FOBS=	204.9	SIGMA=	0.8	PHAS=	-108.3	FOM=	0.98	TEST=	0
INDE	2	26	20	FOBS=	115.2	SIGMA=	1.6	PHAS=	-86.5	FOM=	0.87	TEST=	0
INDE	2	26	22	FOBS=	256.7	SIGMA=	0.9	PHAS=	-153.8	FOM=	0.96	TEST=	0
INDE	2	26	24	FOBS=	149.1	SIGMA=	0.9	PHAS=	-76.1	FOM=	0.93	TEST=	0
INDE	2	26	26	FOBS=	73.4	SIGMA=	1.8	PHAS=	-107.6	FOM=	0.82	TEST=	0
INDE	2	26	28	FOBS=	198.7	SIGMA=	1.0	PHAS=	25.2	FOM=	0.98	TEST=	0
INDE	2	26	30	FOBS=	225.2	SIGMA=	0.8	PHAS=	-116.9	FOM=	0.94	TEST=	0
INDE	2	26	32	FOBS=	77.1	SIGMA=	2.0	PHAS=	-96.6	FOM=	0.74	TEST=	0
INDE	2	26	34	FOBS=	338.7	SIGMA=	0.8	PHAS=	-77.8	FOM=	0.95	TEST=	1
INDE	2	26	36	FOBS=	210.5	SIGMA=	0.8	PHAS=	-132.9	FOM=	0.93	TEST=	0
INDE	2	26	38	FOBS=	212.4	SIGMA=	0.7	PHAS=	150.5	FOM=	0.97	TEST=	0
INDE	2	26	40	FOBS=	268.9	SIGMA=	0.6	PHAS=	-26.0	FOM=	0.97	TEST=	0
INDE	2	26	42	FOBS=	124.6	SIGMA=	1.2	PHAS=	123.1	FOM=	0.96	TEST=	0
INDE	2	26	44	FOBS=	107.6	SIGMA=	1.5	PHAS=	-136.1	FOM=	0.96	TEST=	0
INDE	2	26	46	FOBS=	102.5	SIGMA=	1.4	PHAS=	-161.4	FOM=	0.22	TEST=	1
INDE	2	26	48	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	26	50	FOBS=	141.8	SIGMA=	1.0	PHAS=	-165.2	FOM=	0.94	TEST=	0
INDE	2	26	52	FOBS=	95.5	SIGMA=	1.4	PHAS=	139.8	FOM=	0.88	TEST=	0
INDE	2	26	54	FOBS=	152.4	SIGMA=	1.2	PHAS=	20.8	FOM=	0.62	TEST=	1
INDE	2	26	56	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	26	58	FOBS=	29.5	SIGMA=	7.6	PHAS=	-136.4	FOM=	0.33	TEST=	0
INDE	2	26	60	FOBS=	106.0	SIGMA=	2.4	PHAS=	-30.2	FOM=	0.79	TEST=	0
INDE	2	26	62	FOBS=	27.0	SIGMA=	11.6	PHAS=	42.1	FOM=	0.58	TEST=	0
INDE	2	26	64	FOBS=	103.1	SIGMA=	2.3	PHAS=	95.0	FOM=	0.93	TEST=	0
INDE	2	26	66	FOBS=	58.6	SIGMA=	6.0	PHAS=	104.2	FOM=	0.72	TEST=	0
INDE	2	26	68	FOBS=	80.0	SIGMA=	4.4	PHAS=	93.9	FOM=	0.87	TEST=	0
INDE	2	26	70	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	26	72	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	27	3	FOBS=	42.5	SIGMA=	2.2	PHAS=	38.3	FOM=	0.66	TEST=	0
INDE	2	27	5	FOBS=	338.4	SIGMA=	0.5	PHAS=	-120.6	FOM=	0.99	TEST=	0
INDE	2	27	7	FOBS=	242.8	SIGMA=	0.6	PHAS=	-127.0	FOM=	0.98	TEST=	1
INDE	2	27	9	FOBS=	57.6	SIGMA=	2.0	PHAS=	127.3	FOM=	0.93	TEST=	0
INDE	2	27	11	FOBS=	40.3	SIGMA=	3.0	PHAS=	-145.1	FOM=	0.71	TEST=	0
INDE	2	27	19	FOBS=	110.8	SIGMA=	2.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	2	27	21	FOBS=	279.0	SIGMA=	0.9	PHAS=	18.4	FOM=	0.86	TEST=	0
INDE	2	27	23	FOBS=	216.0	SIGMA=	1.1	PHAS=	149.7	FOM=	0.95	TEST=	1
INDE	2	27	25	FOBS=	215.8	SIGMA=	0.8	PHAS=	-36.0	FOM=	0.80	TEST=	1
INDE	2	27	27	FOBS=	154.5	SIGMA=	1.0	PHAS=	-20.2	FOM=	0.96	TEST=	0
INDE	2	27	29	FOBS=	89.8	SIGMA=	1.7	PHAS=	165.5	FOM=	0.86	TEST=	0
INDE	2	27	31	FOBS=	161.1	SIGMA=	1.1	PHAS=	-67.3	FOM=	0.85	TEST=	0
INDE	2	27	33	FOBS=	179.2	SIGMA=	1.2	PHAS=	-148.3	FOM=	0.95	TEST=	0
INDE	2	27	35	FOBS=	241.3	SIGMA=	0.8	PHAS=	-107.6	FOM=	0.97	TEST=	1
INDE	2	27	37	FOBS=	237.8	SIGMA=	0.9	PHAS=	75.9	FOM=	0.56	TEST=	1
INDE	2	27	39	FOBS=	149.8	SIGMA=	1.0	PHAS=	-33.2	FOM=	0.96	TEST=	0
INDE	2	27	41	FOBS=	189.3	SIGMA=	0.8	PHAS=	-111.1	FOM=	0.92	TEST=	0
INDE	2	27	43	FOBS=	169.8	SIGMA=	0.9	PHAS=	86.0	FOM=	0.94	TEST=	0
INDE	2	27	45	FOBS=	0.0	SIGMA=	17.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	27	47	FOBS=	140.9	SIGMA=	1.0	PHAS=	22.6	FOM=	0.91	TEST=	1
INDE	2	27	49	FOBS=	6.5	SIGMA=	23.9	PHAS=	141.6	FOM=	0.15	TEST=	0
INDE	2	27	51	FOBS=	37.6	SIGMA=	3.8	PHAS=	-143.7	FOM=	0.11	TEST=	0
INDE	2	27	53	FOBS=	126.3	SIGMA=	1.1	PHAS=	9.7	FOM=	0.91	TEST=	0
INDE	2	27	55	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	2	27	57	FOBS=	13.8	SIGMA=	14.3	PHAS=	-138.1	FOM=	0.27	TEST=	0
INDE	2	27	59	FOBS=	14.1	SIGMA=	25.2	PHAS=	-143.4	FOM=	0.27	TEST=	0
INDE	2	27	61	FOBS=	115.7	SIGMA=	2.9	PHAS=	-85.1	FOM=	0.95	TEST=	0
INDE	2	27	63	FOBS=	73.1	SIGMA=	3.2	PHAS=	-50.4	FOM=	0.92	TEST=	0
INDE	2	27	65	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	27	67	FOBS=	99.2	SIGMA=	3.7	PHAS=	53.5	FOM=	0.90	TEST=	0
INDE	2	27	69	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	27	71	FOBS=	41.9	SIGMA=	8.5	PHAS=	104.2	FOM=	0.16	TEST=	0
INDE	2	28	2	FOBS=	265.0	SIGMA=	0.6	PHAS=	0.1	FOM=	0.99	TEST=	0
INDE	2	28	4	FOBS=	163.5	SIGMA=	0.8	PHAS=	-102.1	FOM=	0.94	TEST=	0
INDE	2	28	6	FOBS=	236.8	SIGMA=	0.6	PHAS=	-175.4	FOM=	0.99	TEST=	0
INDE	2	28	8	FOBS=	123.3	SIGMA=	1.0	PHAS=	50.8	FOM=	0.96	TEST=	0
INDE	2	28	10	FOBS=	119.7	SIGMA=	1.2	PHAS=	-25.9	FOM=	0.99	TEST=	0
INDE	2	28	20	FOBS=	347.5	SIGMA=	1.3	PHAS=	48.1	FOM=	0.95	TEST=	0
INDE	2	28	22	FOBS=	187.3	SIGMA=	1.2	PHAS=	-173.5	FOM=	0.84	TEST=	0
INDE	2	28	24	FOBS=	183.5	SIGMA=	1.4	PHAS=	-128.0	FOM=	0.96	TEST=	0
INDE	2	28	26	FOBS=	335.8	SIGMA=	0.7	PHAS=	-85.0	FOM=	0.96	TEST=	0

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INDE	2	28	28	FOBS=	238.8	SIGMA=	0.8	PHAS=	-38.0	FOM=	0.93	TEST=	0
INDE	2	28	30	FOBS=	162.8	SIGMA=	1.1	PHAS=	-118.2	FOM=	0.95	TEST=	0
INDE	2	28	32	FOBS=	48.4	SIGMA=	3.4	PHAS=	-86.4	FOM=	0.43	TEST=	0
INDE	2	28	34	FOBS=	157.5	SIGMA=	1.2	PHAS=	-104.0	FOM=	0.88	TEST=	0
INDE	2	28	36	FOBS=	202.5	SIGMA=	1.0	PHAS=	-141.2	FOM=	0.95	TEST=	1
INDE	2	28	38	FOBS=	161.8	SIGMA=	1.1	PHAS=	71.7	FOM=	0.84	TEST=	0
INDE	2	28	40	FOBS=	92.3	SIGMA=	1.8	PHAS=	-17.8	FOM=	0.42	TEST=	0
INDE	2	28	42	FOBS=	30.4	SIGMA=	5.2	PHAS=	-102.8	FOM=	0.22	TEST=	0
INDE	2	28	44	FOBS=	198.5	SIGMA=	0.9	PHAS=	-8.7	FOM=	0.94	TEST=	0
INDE	2	28	46	FOBS=	42.2	SIGMA=	3.3	PHAS=	65.0	FOM=	0.29	TEST=	0
INDE	2	28	48	FOBS=	64.7	SIGMA=	2.0	PHAS=	-14.8	FOM=	0.76	TEST=	0
INDE	2	28	50	FOBS=	66.2	SIGMA=	2.1	PHAS=	114.1	FOM=	0.36	TEST=	1
INDE	2	28	52	FOBS=	132.8	SIGMA=	1.1	PHAS=	-175.3	FOM=	0.88	TEST=	0
INDE	2	28	54	FOBS=	61.8	SIGMA=	2.2	PHAS=	-62.6	FOM=	0.87	TEST=	0
INDE	2	28	56	FOBS=	53.7	SIGMA=	3.1	PHAS=	132.0	FOM=	0.92	TEST=	0
INDE	2	28	58	FOBS=	126.9	SIGMA=	1.4	PHAS=	132.2	FOM=	0.93	TEST=	0
INDE	2	28	60	FOBS=	37.7	SIGMA=	7.2	PHAS=	157.0	FOM=	0.55	TEST=	0
INDE	2	28	62	FOBS=	62.0	SIGMA=	5.3	PHAS=	-153.2	FOM=	0.85	TEST=	0
INDE	2	28	64	FOBS=	24.6	SIGMA=	10.7	PHAS=	109.4	FOM=	0.31	TEST=	0
INDE	2	28	66	FOBS=	65.2	SIGMA=	5.5	PHAS=	34.2	FOM=	0.61	TEST=	0
INDE	2	28	68	FOBS=	66.7	SIGMA=	5.5	PHAS=	35.4	FOM=	0.92	TEST=	0
INDE	2	28	70	FOBS=	61.7	SIGMA=	5.9	PHAS=	-142.2	FOM=	0.88	TEST=	0
INDE	2	28	72	FOBS=	0.0	SIGMA=	26.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	29	3	FOBS=	181.4	SIGMA=	0.7	PHAS=	-125.6	FOM=	0.97	TEST=	0
INDE	2	29	5	FOBS=	70.9	SIGMA=	1.3	PHAS=	-76.5	FOM=	0.91	TEST=	0
INDE	2	29	7	FOBS=	119.8	SIGMA=	0.7	PHAS=	-41.4	FOM=	0.67	TEST=	0
INDE	2	29	9	FOBS=	228.3	SIGMA=	0.7	PHAS=	-38.3	FOM=	0.99	TEST=	0
INDE	2	29	11	FOBS=	32.7	SIGMA=	3.9	PHAS=	8.4	FOM=	0.35	TEST=	0
INDE	2	29	21	FOBS=	135.1	SIGMA=	1.5	PHAS=	-43.2	FOM=	0.90	TEST=	0
INDE	2	29	23	FOBS=	198.0	SIGMA=	1.2	PHAS=	93.0	FOM=	0.94	TEST=	0
INDE	2	29	25	FOBS=	370.4	SIGMA=	0.9	PHAS=	179.2	FOM=	0.97	TEST=	0
INDE	2	29	27	FOBS=	305.1	SIGMA=	0.8	PHAS=	-126.9	FOM=	0.98	TEST=	0
INDE	2	29	29	FOBS=	139.0	SIGMA=	1.2	PHAS=	-131.4	FOM=	0.81	TEST=	0
INDE	2	29	31	FOBS=	104.4	SIGMA=	1.7	PHAS=	-93.6	FOM=	0.91	TEST=	0
INDE	2	29	33	FOBS=	120.2	SIGMA=	1.5	PHAS=	173.4	FOM=	0.89	TEST=	0
INDE	2	29	35	FOBS=	20.8	SIGMA=	8.8	PHAS=	-169.6	FOM=	0.18	TEST=	0
INDE	2	29	37	FOBS=	196.2	SIGMA=	1.0	PHAS=	120.4	FOM=	0.97	TEST=	0
INDE	2	29	39	FOBS=	38.0	SIGMA=	4.4	PHAS=	40.6	FOM=	0.29	TEST=	0
INDE	2	29	41	FOBS=	61.9	SIGMA=	2.7	PHAS=	140.2	FOM=	0.87	TEST=	0
INDE	2	29	43	FOBS=	127.2	SIGMA=	1.3	PHAS=	-101.3	FOM=	0.71	TEST=	0
INDE	2	29	45	FOBS=	127.2	SIGMA=	1.2	PHAS=	-50.6	FOM=	0.65	TEST=	1
INDE	2	29	47	FOBS=	99.9	SIGMA=	1.4	PHAS=	54.9	FOM=	0.28	TEST=	0
INDE	2	29	49	FOBS=	125.9	SIGMA=	1.0	PHAS=	-130.2	FOM=	0.84	TEST=	0
INDE	2	29	51	FOBS=	0.0	SIGMA=	16.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	2	29	53	FOBS=	63.6	SIGMA=	2.2	PHAS=	-115.5	FOM=	0.31	TEST=	1
INDE	2	29	55	FOBS=	57.1	SIGMA=	2.7	PHAS=	-46.5	FOM=	0.49	TEST=	0
INDE	2	29	57	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	29	59	FOBS=	91.9	SIGMA=	2.5	PHAS=	48.8	FOM=	0.92	TEST=	0
INDE	2	29	61	FOBS=	72.9	SIGMA=	3.4	PHAS=	164.3	FOM=	0.88	TEST=	0
INDE	2	29	63	FOBS=	33.1	SIGMA=	9.7	PHAS=	-158.1	FOM=	0.32	TEST=	0
INDE	2	29	65	FOBS=	47.8	SIGMA=	7.5	PHAS=	-67.7	FOM=	0.54	TEST=	0
INDE	2	29	67	FOBS=	70.8	SIGMA=	5.2	PHAS=	-102.2	FOM=	0.88	TEST=	0
INDE	2	29	69	FOBS=	70.1	SIGMA=	5.2	PHAS=	46.8	FOM=	0.85	TEST=	0
INDE	2	29	71	FOBS=	50.3	SIGMA=	7.3	PHAS=	-128.9	FOM=	0.04	TEST=	1
INDE	2	30	2	FOBS=	68.7	SIGMA=	1.6	PHAS=	169.6	FOM=	0.79	TEST=	0
INDE	2	30	4	FOBS=	235.1	SIGMA=	0.7	PHAS=	167.0	FOM=	0.94	TEST=	1
INDE	2	30	6	FOBS=	158.7	SIGMA=	0.8	PHAS=	-150.8	FOM=	0.99	TEST=	0
INDE	2	30	8	FOBS=	188.4	SIGMA=	0.5	PHAS=	-157.8	FOM=	0.94	TEST=	0
INDE	2	30	10	FOBS=	40.5	SIGMA=	3.1	PHAS=	-175.8	FOM=	0.86	TEST=	0
INDE	2	30	12	FOBS=	52.4	SIGMA=	2.6	PHAS=	93.2	FOM=	0.96	TEST=	0
INDE	2	30	22	FOBS=	131.7	SIGMA=	1.7	PHAS=	132.1	FOM=	0.04	TEST=	1
INDE	2	30	24	FOBS=	200.3	SIGMA=	1.2	PHAS=	91.1	FOM=	0.89	TEST=	0
INDE	2	30	26	FOBS=	241.0	SIGMA=	1.1	PHAS=	116.2	FOM=	0.91	TEST=	0
INDE	2	30	28	FOBS=	154.8	SIGMA=	1.1	PHAS=	-137.4	FOM=	0.99	TEST=	0
INDE	2	30	30	FOBS=	151.9	SIGMA=	1.2	PHAS=	178.3	FOM=	0.93	TEST=	0
INDE	2	30	32	FOBS=	129.4	SIGMA=	1.5	PHAS=	-89.0	FOM=	0.66	TEST=	0
INDE	2	30	34	FOBS=	109.6	SIGMA=	1.8	PHAS=	-43.7	FOM=	0.98	TEST=	0
INDE	2	30	36	FOBS=	191.9	SIGMA=	1.2	PHAS=	94.9	FOM=	0.97	TEST=	0
INDE	2	30	38	FOBS=	244.1	SIGMA=	0.8	PHAS=	23.6	FOM=	0.97	TEST=	0
INDE	2	30	40	FOBS=	124.9	SIGMA=	1.4	PHAS=	-123.9	FOM=	0.90	TEST=	0

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INDE	2	30	42	FOBS=	116.1	SIGMA=	1.4	PHAS=	-94.1	FOM=	0.96	TEST=	0
INDE	2	30	44	FOBS=	165.8	SIGMA=	1.1	PHAS=	-130.9	FOM=	0.90	TEST=	0
INDE	2	30	46	FOBS=	84.5	SIGMA=	1.8	PHAS=	-165.7	FOM=	0.71	TEST=	0
INDE	2	30	48	FOBS=	81.7	SIGMA=	1.6	PHAS=	177.8	FOM=	0.25	TEST=	0
INDE	2	30	50	FOBS=	111.5	SIGMA=	1.1	PHAS=	80.9	FOM=	0.89	TEST=	0
INDE	2	30	52	FOBS=	155.2	SIGMA=	1.0	PHAS=	-58.4	FOM=	0.92	TEST=	0
INDE	2	30	54	FOBS=	16.8	SIGMA=	8.5	PHAS=	-97.8	FOM=	0.21	TEST=	0
INDE	2	30	56	FOBS=	124.9	SIGMA=	1.3	PHAS=	121.0	FOM=	0.93	TEST=	0
INDE	2	30	58	FOBS=	52.3	SIGMA=	3.5	PHAS=	-105.5	FOM=	0.83	TEST=	0
INDE	2	30	60	FOBS=	59.9	SIGMA=	3.7	PHAS=	-67.2	FOM=	0.29	TEST=	0
INDE	2	30	62	FOBS=	100.3	SIGMA=	2.5	PHAS=	86.7	FOM=	0.94	TEST=	0
INDE	2	30	64	FOBS=	71.8	SIGMA=	3.4	PHAS=	-108.8	FOM=	0.83	TEST=	0
INDE	2	30	66	FOBS=	64.8	SIGMA=	5.7	PHAS=	116.9	FOM=	0.86	TEST=	0
INDE	2	30	68	FOBS=	62.8	SIGMA=	5.9	PHAS=	-111.6	FOM=	0.21	TEST=	1
INDE	2	30	70	FOBS=	51.3	SIGMA=	7.2	PHAS=	3.0	FOM=	0.69	TEST=	0
INDE	2	31	3	FOBS=	156.3	SIGMA=	0.8	PHAS=	77.1	FOM=	0.99	TEST=	0
INDE	2	31	7	FOBS=	173.8	SIGMA=	0.5	PHAS=	64.5	FOM=	0.83	TEST=	0
INDE	2	31	9	FOBS=	150.5	SIGMA=	0.7	PHAS=	27.4	FOM=	0.90	TEST=	0
INDE	2	31	11	FOBS=	54.9	SIGMA=	2.5	PHAS=	-135.2	FOM=	0.98	TEST=	0
INDE	2	31	13	FOBS=	202.4	SIGMA=	0.9	PHAS=	-163.8	FOM=	0.91	TEST=	0
INDE	2	31	21	FOBS=	102.1	SIGMA=	2.9	PHAS=	-3.9	FOM=	0.36	TEST=	0
INDE	2	31	23	FOBS=	265.9	SIGMA=	1.1	PHAS=	80.3	FOM=	0.81	TEST=	0
INDE	2	31	25	FOBS=	267.2	SIGMA=	1.1	PHAS=	110.1	FOM=	0.94	TEST=	0
INDE	2	31	27	FOBS=	232.5	SIGMA=	0.9	PHAS=	58.8	FOM=	0.89	TEST=	0
INDE	2	31	29	FOBS=	228.7	SIGMA=	0.9	PHAS=	83.9	FOM=	0.97	TEST=	0
INDE	2	31	31	FOBS=	107.9	SIGMA=	1.8	PHAS=	-79.9	FOM=	0.99	TEST=	0
INDE	2	31	33	FOBS=	189.5	SIGMA=	1.1	PHAS=	121.6	FOM=	0.98	TEST=	0
INDE	2	31	35	FOBS=	276.8	SIGMA=	0.9	PHAS=	-0.4	FOM=	0.96	TEST=	0
INDE	2	31	37	FOBS=	41.3	SIGMA=	4.8	PHAS=	-34.2	FOM=	0.26	TEST=	0
INDE	2	31	39	FOBS=	172.8	SIGMA=	1.1	PHAS=	167.9	FOM=	0.95	TEST=	0
INDE	2	31	41	FOBS=	158.7	SIGMA=	1.1	PHAS=	75.8	FOM=	0.90	TEST=	0
INDE	2	31	43	FOBS=	229.1	SIGMA=	0.8	PHAS=	157.7	FOM=	0.97	TEST=	0
INDE	2	31	45	FOBS=	124.7	SIGMA=	1.4	PHAS=	55.0	FOM=	0.86	TEST=	0
INDE	2	31	47	FOBS=	130.0	SIGMA=	1.2	PHAS=	121.1	FOM=	0.94	TEST=	0
INDE	2	31	49	FOBS=	82.4	SIGMA=	1.6	PHAS=	136.8	FOM=	0.92	TEST=	0
INDE	2	31	51	FOBS=	95.5	SIGMA=	1.3	PHAS=	70.0	FOM=	0.77	TEST=	1
INDE	2	31	53	FOBS=	115.2	SIGMA=	1.2	PHAS=	-152.1	FOM=	0.94	TEST=	0
INDE	2	31	55	FOBS=	143.4	SIGMA=	1.1	PHAS=	57.7	FOM=	0.95	TEST=	0
INDE	2	31	57	FOBS=	0.0	SIGMA=	18.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	31	59	FOBS=	89.5	SIGMA=	2.6	PHAS=	153.8	FOM=	0.87	TEST=	0
INDE	2	31	61	FOBS=	105.5	SIGMA=	2.2	PHAS=	45.1	FOM=	0.94	TEST=	0
INDE	2	31	63	FOBS=	8.8	SIGMA=	27.5	PHAS=	-43.8	FOM=	0.07	TEST=	0
INDE	2	31	65	FOBS=	9.3	SIGMA=	39.2	PHAS=	168.4	FOM=	0.09	TEST=	0
INDE	2	31	67	FOBS=	51.4	SIGMA=	7.3	PHAS=	-86.2	FOM=	0.80	TEST=	0
INDE	2	31	69	FOBS=	48.8	SIGMA=	7.7	PHAS=	-3.6	FOM=	0.87	TEST=	0
INDE	2	31	71	FOBS=	18.1	SIGMA=	20.7	PHAS=	-84.7	FOM=	0.14	TEST=	0
INDE	2	32	2	FOBS=	111.8	SIGMA=	1.1	PHAS=	-123.4	FOM=	0.98	TEST=	0
INDE	2	32	4	FOBS=	242.1	SIGMA=	0.7	PHAS=	15.6	FOM=	0.98	TEST=	0
INDE	2	32	6	FOBS=	329.2	SIGMA=	0.5	PHAS=	-24.4	FOM=	0.99	TEST=	0
INDE	2	32	8	FOBS=	291.7	SIGMA=	0.6	PHAS=	-52.0	FOM=	0.97	TEST=	0
INDE	2	32	10	FOBS=	58.6	SIGMA=	2.3	PHAS=	-177.3	FOM=	0.68	TEST=	0
INDE	2	32	12	FOBS=	292.2	SIGMA=	0.8	PHAS=	162.5	FOM=	0.95	TEST=	0
INDE	2	32	22	FOBS=	113.0	SIGMA=	2.1	PHAS=	84.6	FOM=	0.84	TEST=	0
INDE	2	32	24	FOBS=	302.1	SIGMA=	1.1	PHAS=	-61.9	FOM=	0.89	TEST=	0
INDE	2	32	26	FOBS=	102.4	SIGMA=	2.4	PHAS=	-139.2	FOM=	0.90	TEST=	0
INDE	2	32	28	FOBS=	229.1	SIGMA=	0.9	PHAS=	-7.4	FOM=	0.95	TEST=	0
INDE	2	32	30	FOBS=	30.8	SIGMA=	6.8	PHAS=	-172.8	FOM=	0.07	TEST=	0
INDE	2	32	32	FOBS=	223.0	SIGMA=	1.0	PHAS=	2.2	FOM=	0.98	TEST=	0
INDE	2	32	34	FOBS=	64.3	SIGMA=	5.5	PHAS=	-48.6	FOM=	0.91	TEST=	1
INDE	2	32	36	FOBS=	204.2	SIGMA=	1.2	PHAS=	-81.9	FOM=	0.73	TEST=	0
INDE	2	32	38	FOBS=	302.9	SIGMA=	0.7	PHAS=	5.0	FOM=	0.97	TEST=	0
INDE	2	32	40	FOBS=	68.8	SIGMA=	2.5	PHAS=	-17.9	FOM=	0.93	TEST=	0
INDE	2	32	42	FOBS=	21.7	SIGMA=	7.5	PHAS=	-99.2	FOM=	0.31	TEST=	1
INDE	2	32	44	FOBS=	113.2	SIGMA=	1.5	PHAS=	112.3	FOM=	0.64	TEST=	1
INDE	2	32	46	FOBS=	159.9	SIGMA=	1.1	PHAS=	15.2	FOM=	0.94	TEST=	0
INDE	2	32	48	FOBS=	163.6	SIGMA=	1.0	PHAS=	118.1	FOM=	0.96	TEST=	0
INDE	2	32	50	FOBS=	76.9	SIGMA=	1.7	PHAS=	-71.8	FOM=	0.90	TEST=	0
INDE	2	32	52	FOBS=	90.6	SIGMA=	1.4	PHAS=	-54.4	FOM=	0.78	TEST=	0
INDE	2	32	54	FOBS=	83.0	SIGMA=	1.9	PHAS=	9.7	FOM=	0.94	TEST=	0
INDE	2	32	56	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	1

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INDE	2	32	58	FOBS=	59.0	SIGMA=	3.1	PHAS=	153.4	FOM=	0.83	TEST=	0
INDE	2	32	60	FOBS=	97.3	SIGMA=	2.4	PHAS=	-0.7	FOM=	0.91	TEST=	0
INDE	2	32	62	FOBS=	53.0	SIGMA=	4.2	PHAS=	9.6	FOM=	0.77	TEST=	0
INDE	2	32	64	FOBS=	64.6	SIGMA=	3.9	PHAS=	-60.3	FOM=	0.76	TEST=	0
INDE	2	32	66	FOBS=	65.7	SIGMA=	5.7	PHAS=	120.8	FOM=	0.89	TEST=	0
INDE	2	32	68	FOBS=	94.2	SIGMA=	4.1	PHAS=	-92.0	FOM=	0.95	TEST=	0
INDE	2	32	70	FOBS=	55.0	SIGMA=	7.0	PHAS=	-115.2	FOM=	0.78	TEST=	0
INDE	2	33	3	FOBS=	115.7	SIGMA=	1.1	PHAS=	-101.9	FOM=	0.74	TEST=	0
INDE	2	33	7	FOBS=	193.4	SIGMA=	0.8	PHAS=	-102.3	FOM=	0.95	TEST=	0
INDE	2	33	9	FOBS=	89.0	SIGMA=	1.1	PHAS=	-138.1	FOM=	0.73	TEST=	1
INDE	2	33	11	FOBS=	151.1	SIGMA=	1.1	PHAS=	109.1	FOM=	0.89	TEST=	0
INDE	2	33	13	FOBS=	210.4	SIGMA=	1.0	PHAS=	132.3	FOM=	0.95	TEST=	0
INDE	2	33	21	FOBS=	178.9	SIGMA=	2.0	PHAS=	-140.5	FOM=	0.78	TEST=	0
INDE	2	33	23	FOBS=	167.0	SIGMA=	1.6	PHAS=	168.9	FOM=	0.88	TEST=	0
INDE	2	33	25	FOBS=	227.8	SIGMA=	1.3	PHAS=	-144.4	FOM=	0.92	TEST=	0
INDE	2	33	27	FOBS=	132.0	SIGMA=	2.1	PHAS=	42.9	FOM=	0.78	TEST=	0
INDE	2	33	29	FOBS=	87.5	SIGMA=	2.2	PHAS=	125.6	FOM=	0.14	TEST=	0
INDE	2	33	31	FOBS=	252.1	SIGMA=	0.9	PHAS=	-87.9	FOM=	0.98	TEST=	0
INDE	2	33	33	FOBS=	176.2	SIGMA=	1.3	PHAS=	78.4	FOM=	0.93	TEST=	0
INDE	2	33	35	FOBS=	211.1	SIGMA=	1.2	PHAS=	-7.0	FOM=	0.94	TEST=	0
INDE	2	33	37	FOBS=	167.7	SIGMA=	1.4	PHAS=	-136.9	FOM=	0.90	TEST=	0
INDE	2	33	39	FOBS=	139.3	SIGMA=	1.3	PHAS=	-125.0	FOM=	0.91	TEST=	0
INDE	2	33	41	FOBS=	88.5	SIGMA=	1.9	PHAS=	52.7	FOM=	0.62	TEST=	0
INDE	2	33	43	FOBS=	173.1	SIGMA=	1.1	PHAS=	74.1	FOM=	0.17	TEST=	1
INDE	2	33	45	FOBS=	115.1	SIGMA=	1.5	PHAS=	39.4	FOM=	0.89	TEST=	0
INDE	2	33	47	FOBS=	117.2	SIGMA=	1.5	PHAS=	-19.1	FOM=	0.91	TEST=	0
INDE	2	33	49	FOBS=	46.1	SIGMA=	3.1	PHAS=	93.2	FOM=	0.55	TEST=	0
INDE	2	33	51	FOBS=	37.1	SIGMA=	3.9	PHAS=	-143.6	FOM=	0.54	TEST=	0
INDE	2	33	53	FOBS=	129.6	SIGMA=	1.0	PHAS=	-120.7	FOM=	0.94	TEST=	0
INDE	2	33	55	FOBS=	53.8	SIGMA=	2.8	PHAS=	179.5	FOM=	0.84	TEST=	0
INDE	2	33	57	FOBS=	75.3	SIGMA=	2.4	PHAS=	82.9	FOM=	0.71	TEST=	0
INDE	2	33	59	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	33	61	FOBS=	37.4	SIGMA=	6.0	PHAS=	-52.0	FOM=	0.63	TEST=	0
INDE	2	33	63	FOBS=	89.0	SIGMA=	2.6	PHAS=	-88.2	FOM=	0.93	TEST=	0
INDE	2	33	65	FOBS=	73.3	SIGMA=	2.7	PHAS=	116.5	FOM=	0.84	TEST=	0
INDE	2	33	67	FOBS=	34.1	SIGMA=	11.1	PHAS=	-124.6	FOM=	0.65	TEST=	0
INDE	2	33	69	FOBS=	67.8	SIGMA=	5.7	PHAS=	135.8	FOM=	0.88	TEST=	0
INDE	2	34	2	FOBS=	137.2	SIGMA=	1.0	PHAS=	147.6	FOM=	0.97	TEST=	0
INDE	2	34	4	FOBS=	72.9	SIGMA=	1.8	PHAS=	-75.4	FOM=	0.74	TEST=	0
INDE	2	34	6	FOBS=	119.1	SIGMA=	1.3	PHAS=	-36.4	FOM=	0.98	TEST=	0
INDE	2	34	8	FOBS=	236.6	SIGMA=	0.5	PHAS=	44.7	FOM=	0.96	TEST=	0
INDE	2	34	10	FOBS=	23.6	SIGMA=	4.0	PHAS=	152.7	FOM=	0.76	TEST=	1
INDE	2	34	12	FOBS=	265.1	SIGMA=	0.8	PHAS=	107.8	FOM=	0.97	TEST=	0
INDE	2	34	14	FOBS=	166.4	SIGMA=	1.2	PHAS=	-34.9	FOM=	0.94	TEST=	0
INDE	2	34	22	FOBS=	294.1	SIGMA=	1.6	PHAS=	129.5	FOM=	0.92	TEST=	0
INDE	2	34	24	FOBS=	54.7	SIGMA=	4.6	PHAS=	173.0	FOM=	0.77	TEST=	0
INDE	2	34	26	FOBS=	107.4	SIGMA=	2.5	PHAS=	-98.9	FOM=	0.74	TEST=	0
INDE	2	34	28	FOBS=	41.7	SIGMA=	5.8	PHAS=	92.8	FOM=	0.53	TEST=	0
INDE	2	34	30	FOBS=	167.7	SIGMA=	1.3	PHAS=	151.3	FOM=	0.94	TEST=	0
INDE	2	34	32	FOBS=	43.6	SIGMA=	4.9	PHAS=	113.6	FOM=	0.95	TEST=	0
INDE	2	34	34	FOBS=	281.0	SIGMA=	1.0	PHAS=	-120.8	FOM=	0.96	TEST=	0
INDE	2	34	36	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	34	38	FOBS=	212.0	SIGMA=	1.0	PHAS=	0.2	FOM=	0.97	TEST=	0
INDE	2	34	40	FOBS=	90.2	SIGMA=	1.9	PHAS=	-21.1	FOM=	0.32	TEST=	0
INDE	2	34	42	FOBS=	164.9	SIGMA=	1.1	PHAS=	-21.1	FOM=	0.93	TEST=	0
INDE	2	34	44	FOBS=	97.1	SIGMA=	1.8	PHAS=	-40.1	FOM=	0.62	TEST=	0
INDE	2	34	46	FOBS=	100.5	SIGMA=	1.7	PHAS=	-90.7	FOM=	0.80	TEST=	0
INDE	2	34	48	FOBS=	106.1	SIGMA=	1.6	PHAS=	110.5	FOM=	0.78	TEST=	0
INDE	2	34	50	FOBS=	88.3	SIGMA=	1.6	PHAS=	-103.3	FOM=	0.83	TEST=	0
INDE	2	34	52	FOBS=	26.7	SIGMA=	6.3	PHAS=	-91.5	FOM=	0.17	TEST=	1
INDE	2	34	54	FOBS=	78.1	SIGMA=	2.1	PHAS=	129.4	FOM=	0.77	TEST=	0
INDE	2	34	56	FOBS=	51.8	SIGMA=	3.3	PHAS=	8.0	FOM=	0.69	TEST=	0
INDE	2	34	58	FOBS=	67.9	SIGMA=	2.7	PHAS=	99.3	FOM=	0.77	TEST=	0
INDE	2	34	60	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	2	34	62	FOBS=	109.8	SIGMA=	2.1	PHAS=	-165.8	FOM=	0.88	TEST=	0
INDE	2	34	64	FOBS=	40.2	SIGMA=	5.6	PHAS=	-178.6	FOM=	0.23	TEST=	0
INDE	2	34	66	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	34	68	FOBS=	45.2	SIGMA=	7.0	PHAS=	-53.3	FOM=	0.31	TEST=	0
INDE	2	35	3	FOBS=	201.6	SIGMA=	0.8	PHAS=	-67.6	FOM=	0.92	TEST=	0
INDE	2	35	7	FOBS=	211.9	SIGMA=	0.7	PHAS=	-125.6	FOM=	0.99	TEST=	0

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INDE	2	35	9	FOBS=	257.5	SIGMA=	0.5	PHAS=	-128.4	FOM=	0.97	TEST=	0
INDE	2	35	11	FOBS=	72.4	SIGMA=	1.4	PHAS=	-127.8	FOM=	0.87	TEST=	0
INDE	2	35	13	FOBS=	118.0	SIGMA=	1.6	PHAS=	-89.2	FOM=	0.85	TEST=	0
INDE	2	35	15	FOBS=	158.4	SIGMA=	1.3	PHAS=	113.3	FOM=	0.83	TEST=	0
INDE	2	35	23	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	35	25	FOBS=	142.2	SIGMA=	2.0	PHAS=	128.3	FOM=	0.92	TEST=	0
INDE	2	35	27	FOBS=	97.0	SIGMA=	3.0	PHAS=	-59.0	FOM=	0.79	TEST=	0
INDE	2	35	29	FOBS=	56.4	SIGMA=	4.2	PHAS=	-119.1	FOM=	0.09	TEST=	0
INDE	2	35	31	FOBS=	79.9	SIGMA=	2.7	PHAS=	10.2	FOM=	0.91	TEST=	0
INDE	2	35	33	FOBS=	279.1	SIGMA=	1.0	PHAS=	69.3	FOM=	0.94	TEST=	0
INDE	2	35	35	FOBS=	169.2	SIGMA=	1.5	PHAS=	92.3	FOM=	0.79	TEST=	0
INDE	2	35	37	FOBS=	124.2	SIGMA=	1.9	PHAS=	-147.6	FOM=	0.89	TEST=	0
INDE	2	35	39	FOBS=	233.5	SIGMA=	0.9	PHAS=	-126.9	FOM=	0.97	TEST=	0
INDE	2	35	41	FOBS=	37.0	SIGMA=	4.6	PHAS=	-82.5	FOM=	0.41	TEST=	0
INDE	2	35	43	FOBS=	22.1	SIGMA=	7.7	PHAS=	69.5	FOM=	0.01	TEST=	0
INDE	2	35	45	FOBS=	92.9	SIGMA=	1.9	PHAS=	160.1	FOM=	0.92	TEST=	0
INDE	2	35	47	FOBS=	176.3	SIGMA=	1.0	PHAS=	-103.3	FOM=	0.94	TEST=	0
INDE	2	35	49	FOBS=	57.9	SIGMA=	2.5	PHAS=	36.7	FOM=	0.73	TEST=	0
INDE	2	35	51	FOBS=	0.0	SIGMA=	16.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	35	53	FOBS=	26.7	SIGMA=	6.3	PHAS=	-100.7	FOM=	0.36	TEST=	0
INDE	2	35	55	FOBS=	45.3	SIGMA=	3.7	PHAS=	-165.0	FOM=	0.46	TEST=	0
INDE	2	35	57	FOBS=	84.8	SIGMA=	2.2	PHAS=	-79.6	FOM=	0.73	TEST=	0
INDE	2	35	59	FOBS=	53.5	SIGMA=	4.9	PHAS=	155.6	FOM=	0.24	TEST=	1
INDE	2	35	61	FOBS=	119.7	SIGMA=	1.7	PHAS=	175.1	FOM=	0.76	TEST=	0
INDE	2	35	63	FOBS=	46.4	SIGMA=	4.9	PHAS=	105.9	FOM=	0.63	TEST=	0
INDE	2	35	65	FOBS=	49.6	SIGMA=	3.9	PHAS=	127.4	FOM=	0.56	TEST=	0
INDE	2	35	67	FOBS=	2.0	SIGMA=	118.9	PHAS=	-153.3	FOM=	0.05	TEST=	0
INDE	2	35	69	FOBS=	47.0	SIGMA=	8.5	PHAS=	-136.1	FOM=	0.67	TEST=	0
INDE	2	36	2	FOBS=	223.8	SIGMA=	0.7	PHAS=	97.0	FOM=	0.86	TEST=	0
INDE	2	36	4	FOBS=	223.8	SIGMA=	0.8	PHAS=	-123.3	FOM=	0.88	TEST=	0
INDE	2	36	8	FOBS=	55.0	SIGMA=	1.7	PHAS=	138.1	FOM=	0.98	TEST=	0
INDE	2	36	10	FOBS=	166.7	SIGMA=	0.7	PHAS=	91.2	FOM=	0.87	TEST=	0
INDE	2	36	12	FOBS=	105.5	SIGMA=	1.6	PHAS=	-14.1	FOM=	0.98	TEST=	0
INDE	2	36	14	FOBS=	75.5	SIGMA=	2.4	PHAS=	-159.5	FOM=	0.09	TEST=	1
INDE	2	36	16	FOBS=	267.9	SIGMA=	1.3	PHAS=	102.9	FOM=	0.92	TEST=	0
INDE	2	36	22	FOBS=	259.5	SIGMA=	1.8	PHAS=	94.6	FOM=	0.35	TEST=	0
INDE	2	36	24	FOBS=	63.5	SIGMA=	4.3	PHAS=	-109.3	FOM=	0.09	TEST=	0
INDE	2	36	26	FOBS=	116.1	SIGMA=	2.6	PHAS=	-23.8	FOM=	0.32	TEST=	1
INDE	2	36	28	FOBS=	299.1	SIGMA=	1.3	PHAS=	123.5	FOM=	0.94	TEST=	0
INDE	2	36	30	FOBS=	155.0	SIGMA=	1.6	PHAS=	42.9	FOM=	0.49	TEST=	0
INDE	2	36	32	FOBS=	279.3	SIGMA=	1.0	PHAS=	16.5	FOM=	0.99	TEST=	0
INDE	2	36	34	FOBS=	262.8	SIGMA=	1.2	PHAS=	-23.3	FOM=	0.96	TEST=	0
INDE	2	36	36	FOBS=	120.9	SIGMA=	2.0	PHAS=	80.0	FOM=	0.54	TEST=	0
INDE	2	36	38	FOBS=	226.9	SIGMA=	1.0	PHAS=	147.6	FOM=	0.96	TEST=	0
INDE	2	36	40	FOBS=	179.5	SIGMA=	1.0	PHAS=	135.6	FOM=	0.94	TEST=	0
INDE	2	36	42	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	36	44	FOBS=	132.6	SIGMA=	1.4	PHAS=	86.1	FOM=	0.25	TEST=	1
INDE	2	36	46	FOBS=	104.5	SIGMA=	1.7	PHAS=	113.8	FOM=	0.91	TEST=	0
INDE	2	36	48	FOBS=	50.2	SIGMA=	3.3	PHAS=	-88.2	FOM=	0.68	TEST=	0
INDE	2	36	50	FOBS=	52.6	SIGMA=	2.7	PHAS=	-60.0	FOM=	0.68	TEST=	0
INDE	2	36	52	FOBS=	17.9	SIGMA=	8.1	PHAS=	128.0	FOM=	0.62	TEST=	0
INDE	2	36	54	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	2	36	56	FOBS=	32.2	SIGMA=	5.2	PHAS=	169.4	FOM=	0.37	TEST=	0
INDE	2	36	58	FOBS=	22.5	SIGMA=	8.0	PHAS=	49.9	FOM=	0.20	TEST=	0
INDE	2	36	60	FOBS=	85.7	SIGMA=	2.7	PHAS=	157.7	FOM=	0.86	TEST=	0
INDE	2	36	62	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	36	64	FOBS=	54.7	SIGMA=	4.2	PHAS=	-0.4	FOM=	0.74	TEST=	0
INDE	2	36	66	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	36	68	FOBS=	58.6	SIGMA=	6.8	PHAS=	172.0	FOM=	0.72	TEST=	0
INDE	2	37	3	FOBS=	187.2	SIGMA=	0.9	PHAS=	-84.4	FOM=	0.94	TEST=	0
INDE	2	37	7	FOBS=	223.3	SIGMA=	0.7	PHAS=	-171.2	FOM=	0.83	TEST=	0
INDE	2	37	9	FOBS=	148.2	SIGMA=	0.8	PHAS=	-162.3	FOM=	0.89	TEST=	0
INDE	2	37	11	FOBS=	143.7	SIGMA=	0.9	PHAS=	-102.9	FOM=	0.96	TEST=	0
INDE	2	37	13	FOBS=	77.5	SIGMA=	2.4	PHAS=	19.4	FOM=	0.82	TEST=	0
INDE	2	37	15	FOBS=	197.5	SIGMA=	1.2	PHAS=	100.8	FOM=	0.97	TEST=	0
INDE	2	37	23	FOBS=	212.7	SIGMA=	1.5	PHAS=	-82.1	FOM=	0.84	TEST=	0
INDE	2	37	25	FOBS=	37.1	SIGMA=	7.8	PHAS=	51.2	FOM=	0.03	TEST=	0
INDE	2	37	27	FOBS=	268.2	SIGMA=	1.4	PHAS=	120.2	FOM=	0.95	TEST=	0
INDE	2	37	29	FOBS=	35.3	SIGMA=	9.3	PHAS=	-147.6	FOM=	0.35	TEST=	0
INDE	2	37	31	FOBS=	98.8	SIGMA=	2.4	PHAS=	-144.2	FOM=	0.53	TEST=	0

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INDE	2	37	33	FOBS=	159.1	SIGMA=	1.5	PHAS=	-82.6	FOM=	0.65	TEST=	0
INDE	2	37	35	FOBS=	213.0	SIGMA=	1.2	PHAS=	-142.5	FOM=	0.94	TEST=	0
INDE	2	37	37	FOBS=	301.8	SIGMA=	0.9	PHAS=	55.9	FOM=	0.98	TEST=	0
INDE	2	37	39	FOBS=	71.4	SIGMA=	2.5	PHAS=	-67.0	FOM=	0.73	TEST=	0
INDE	2	37	41	FOBS=	69.2	SIGMA=	2.5	PHAS=	69.8	FOM=	0.21	TEST=	0
INDE	2	37	43	FOBS=	27.5	SIGMA=	6.6	PHAS=	-47.4	FOM=	0.27	TEST=	0
INDE	2	37	45	FOBS=	36.6	SIGMA=	4.7	PHAS=	56.0	FOM=	0.80	TEST=	0
INDE	2	37	47	FOBS=	111.4	SIGMA=	1.5	PHAS=	-171.1	FOM=	0.80	TEST=	1
INDE	2	37	49	FOBS=	15.6	SIGMA=	13.2	PHAS=	141.1	FOM=	0.27	TEST=	0
INDE	2	37	51	FOBS=	55.4	SIGMA=	2.6	PHAS=	-88.4	FOM=	0.36	TEST=	0
INDE	2	37	53	FOBS=	30.7	SIGMA=	5.8	PHAS=	79.3	FOM=	0.32	TEST=	0
INDE	2	37	55	FOBS=	55.6	SIGMA=	3.0	PHAS=	-30.4	FOM=	0.53	TEST=	0
INDE	2	37	57	FOBS=	45.3	SIGMA=	3.7	PHAS=	-9.7	FOM=	0.35	TEST=	0
INDE	2	37	59	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	37	61	FOBS=	46.7	SIGMA=	4.9	PHAS=	109.3	FOM=	0.74	TEST=	0
INDE	2	37	63	FOBS=	21.5	SIGMA=	9.9	PHAS=	129.1	FOM=	0.61	TEST=	0
INDE	2	37	65	FOBS=	20.6	SIGMA=	9.5	PHAS=	162.6	FOM=	0.15	TEST=	0
INDE	2	37	67	FOBS=	52.6	SIGMA=	6.2	PHAS=	103.8	FOM=	0.74	TEST=	0
INDE	2	38	2	FOBS=	167.1	SIGMA=	1.0	PHAS=	61.9	FOM=	0.98	TEST=	0
INDE	2	38	4	FOBS=	83.9	SIGMA=	1.8	PHAS=	-120.2	FOM=	0.87	TEST=	0
INDE	2	38	8	FOBS=	106.0	SIGMA=	1.4	PHAS=	54.3	FOM=	0.85	TEST=	0
INDE	2	38	10	FOBS=	180.4	SIGMA=	0.7	PHAS=	114.7	FOM=	0.98	TEST=	0
INDE	2	38	12	FOBS=	213.9	SIGMA=	0.7	PHAS=	-73.4	FOM=	0.97	TEST=	0
INDE	2	38	14	FOBS=	216.6	SIGMA=	1.1	PHAS=	126.3	FOM=	0.88	TEST=	0
INDE	2	38	16	FOBS=	243.4	SIGMA=	1.1	PHAS=	43.0	FOM=	0.94	TEST=	0
INDE	2	38	22	FOBS=	86.7	SIGMA=	4.8	PHAS=	46.8	FOM=	0.20	TEST=	0
INDE	2	38	24	FOBS=	141.7	SIGMA=	2.2	PHAS=	-103.7	FOM=	0.78	TEST=	0
INDE	2	38	26	FOBS=	94.6	SIGMA=	3.4	PHAS=	117.9	FOM=	0.77	TEST=	1
INDE	2	38	28	FOBS=	136.6	SIGMA=	2.6	PHAS=	162.3	FOM=	0.86	TEST=	0
INDE	2	38	30	FOBS=	290.1	SIGMA=	1.4	PHAS=	87.7	FOM=	0.97	TEST=	0
INDE	2	38	32	FOBS=	184.7	SIGMA=	1.3	PHAS=	-25.4	FOM=	0.91	TEST=	0
INDE	2	38	34	FOBS=	101.2	SIGMA=	2.3	PHAS=	30.1	FOM=	0.91	TEST=	0
INDE	2	38	36	FOBS=	125.1	SIGMA=	1.9	PHAS=	97.1	FOM=	0.91	TEST=	0
INDE	2	38	38	FOBS=	70.1	SIGMA=	2.9	PHAS=	-170.8	FOM=	0.86	TEST=	0
INDE	2	38	40	FOBS=	78.1	SIGMA=	2.3	PHAS=	178.1	FOM=	0.85	TEST=	0
INDE	2	38	42	FOBS=	107.7	SIGMA=	1.6	PHAS=	-153.1	FOM=	0.93	TEST=	0
INDE	2	38	44	FOBS=	18.7	SIGMA=	10.2	PHAS=	62.9	FOM=	0.05	TEST=	1
INDE	2	38	46	FOBS=	84.4	SIGMA=	2.1	PHAS=	65.0	FOM=	0.83	TEST=	0
INDE	2	38	48	FOBS=	39.7	SIGMA=	4.2	PHAS=	60.2	FOM=	0.20	TEST=	0
INDE	2	38	50	FOBS=	0.0	SIGMA=	16.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	38	52	FOBS=	44.4	SIGMA=	3.9	PHAS=	39.0	FOM=	0.11	TEST=	1
INDE	2	38	54	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	38	56	FOBS=	41.0	SIGMA=	4.1	PHAS=	-170.4	FOM=	0.31	TEST=	1
INDE	2	38	58	FOBS=	18.5	SIGMA=	10.5	PHAS=	-111.5	FOM=	0.28	TEST=	0
INDE	2	38	60	FOBS=	59.0	SIGMA=	3.3	PHAS=	66.7	FOM=	0.73	TEST=	0
INDE	2	38	62	FOBS=	61.6	SIGMA=	3.3	PHAS=	46.2	FOM=	0.78	TEST=	0
INDE	2	38	64	FOBS=	82.5	SIGMA=	2.5	PHAS=	70.3	FOM=	0.89	TEST=	0
INDE	2	38	66	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	39	3	FOBS=	252.6	SIGMA=	0.8	PHAS=	-92.9	FOM=	0.96	TEST=	0
INDE	2	39	9	FOBS=	121.6	SIGMA=	1.0	PHAS=	-141.4	FOM=	0.96	TEST=	0
INDE	2	39	11	FOBS=	252.1	SIGMA=	0.7	PHAS=	-95.8	FOM=	0.97	TEST=	0
INDE	2	39	13	FOBS=	94.6	SIGMA=	1.4	PHAS=	87.6	FOM=	0.92	TEST=	0
INDE	2	39	15	FOBS=	108.1	SIGMA=	2.1	PHAS=	56.3	FOM=	0.86	TEST=	1
INDE	2	39	17	FOBS=	255.5	SIGMA=	1.1	PHAS=	-147.8	FOM=	0.93	TEST=	0
INDE	2	39	23	FOBS=	135.2	SIGMA=	3.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	2	39	25	FOBS=	189.8	SIGMA=	1.9	PHAS=	139.5	FOM=	0.95	TEST=	0
INDE	2	39	27	FOBS=	193.4	SIGMA=	1.9	PHAS=	120.2	FOM=	0.97	TEST=	0
INDE	2	39	29	FOBS=	106.5	SIGMA=	3.3	PHAS=	8.7	FOM=	0.87	TEST=	0
INDE	2	39	31	FOBS=	71.9	SIGMA=	4.2	PHAS=	140.7	FOM=	0.47	TEST=	0
INDE	2	39	33	FOBS=	50.2	SIGMA=	4.6	PHAS=	-116.8	FOM=	0.83	TEST=	0
INDE	2	39	35	FOBS=	257.8	SIGMA=	1.1	PHAS=	115.0	FOM=	0.97	TEST=	0
INDE	2	39	37	FOBS=	177.1	SIGMA=	1.4	PHAS=	22.9	FOM=	0.96	TEST=	0
INDE	2	39	39	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	39	41	FOBS=	238.1	SIGMA=	0.9	PHAS=	130.8	FOM=	0.97	TEST=	0
INDE	2	39	43	FOBS=	59.0	SIGMA=	2.9	PHAS=	155.8	FOM=	0.80	TEST=	0
INDE	2	39	45	FOBS=	100.3	SIGMA=	1.8	PHAS=	-28.4	FOM=	0.84	TEST=	0
INDE	2	39	47	FOBS=	94.0	SIGMA=	1.8	PHAS=	50.4	FOM=	0.60	TEST=	0
INDE	2	39	49	FOBS=	70.2	SIGMA=	2.3	PHAS=	90.3	FOM=	0.77	TEST=	0
INDE	2	39	51	FOBS=	48.8	SIGMA=	3.0	PHAS=	111.8	FOM=	0.32	TEST=	0
INDE	2	39	53	FOBS=	25.3	SIGMA=	7.1	PHAS=	19.6	FOM=	0.43	TEST=	0

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INDE	2	39	55	FOBS=	15.8	SIGMA=	12.2	PHAS=	171.3	FOM=	0.02	TEST=	1
INDE	2	39	57	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	39	59	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	39	61	FOBS=	53.6	SIGMA=	3.7	PHAS=	8.9	FOM=	0.75	TEST=	0
INDE	2	39	63	FOBS=	35.5	SIGMA=	6.9	PHAS=	37.7	FOM=	0.37	TEST=	0
INDE	2	39	65	FOBS=	54.8	SIGMA=	3.1	PHAS=	126.8	FOM=	0.72	TEST=	0
INDE	2	39	67	FOBS=	49.9	SIGMA=	8.4	PHAS=	-135.2	FOM=	0.83	TEST=	0
INDE	2	40	2	FOBS=	289.0	SIGMA=	0.7	PHAS=	164.2	FOM=	0.97	TEST=	0
INDE	2	40	4	FOBS=	267.4	SIGMA=	0.8	PHAS=	-166.9	FOM=	0.92	TEST=	0
INDE	2	40	8	FOBS=	191.1	SIGMA=	0.9	PHAS=	6.3	FOM=	0.92	TEST=	0
INDE	2	40	10	FOBS=	164.4	SIGMA=	0.8	PHAS=	50.4	FOM=	0.88	TEST=	0
INDE	2	40	12	FOBS=	106.0	SIGMA=	1.3	PHAS=	118.3	FOM=	0.57	TEST=	0
INDE	2	40	14	FOBS=	126.1	SIGMA=	1.2	PHAS=	119.0	FOM=	0.94	TEST=	0
INDE	2	40	16	FOBS=	175.7	SIGMA=	1.5	PHAS=	-92.6	FOM=	0.99	TEST=	0
INDE	2	40	18	FOBS=	108.1	SIGMA=	2.2	PHAS=	157.3	FOM=	0.45	TEST=	0
INDE	2	40	22	FOBS=	0.0	SIGMA=	29.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	40	24	FOBS=	219.9	SIGMA=	1.7	PHAS=	75.3	FOM=	0.97	TEST=	0
INDE	2	40	26	FOBS=	276.5	SIGMA=	1.5	PHAS=	-164.9	FOM=	0.06	TEST=	1
INDE	2	40	28	FOBS=	91.8	SIGMA=	3.9	PHAS=	12.7	FOM=	0.69	TEST=	0
INDE	2	40	30	FOBS=	130.9	SIGMA=	2.7	PHAS=	55.7	FOM=	0.86	TEST=	0
INDE	2	40	32	FOBS=	47.3	SIGMA=	5.6	PHAS=	165.4	FOM=	0.09	TEST=	0
INDE	2	40	34	FOBS=	248.6	SIGMA=	1.1	PHAS=	38.1	FOM=	0.97	TEST=	0
INDE	2	40	36	FOBS=	43.2	SIGMA=	5.5	PHAS=	-22.7	FOM=	0.10	TEST=	1
INDE	2	40	38	FOBS=	77.9	SIGMA=	2.6	PHAS=	-146.9	FOM=	0.49	TEST=	0
INDE	2	40	40	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	40	42	FOBS=	98.0	SIGMA=	1.8	PHAS=	100.2	FOM=	0.92	TEST=	0
INDE	2	40	44	FOBS=	59.0	SIGMA=	3.0	PHAS=	-120.8	FOM=	0.19	TEST=	1
INDE	2	40	46	FOBS=	80.7	SIGMA=	2.2	PHAS=	-90.4	FOM=	0.91	TEST=	0
INDE	2	40	48	FOBS=	186.0	SIGMA=	1.0	PHAS=	-0.4	FOM=	0.96	TEST=	0
INDE	2	40	50	FOBS=	100.0	SIGMA=	1.5	PHAS=	-6.3	FOM=	0.73	TEST=	0
INDE	2	40	52	FOBS=	96.6	SIGMA=	1.8	PHAS=	-83.6	FOM=	0.93	TEST=	0
INDE	2	40	54	FOBS=	50.0	SIGMA=	3.4	PHAS=	53.5	FOM=	0.84	TEST=	0
INDE	2	40	56	FOBS=	60.8	SIGMA=	2.8	PHAS=	107.7	FOM=	0.64	TEST=	0
INDE	2	40	58	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	40	60	FOBS=	76.1	SIGMA=	2.4	PHAS=	-10.0	FOM=	0.87	TEST=	0
INDE	2	40	62	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	2	40	64	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	40	66	FOBS=	62.6	SIGMA=	6.7	PHAS=	106.0	FOM=	0.84	TEST=	0
INDE	2	41	3	FOBS=	209.6	SIGMA=	1.0	PHAS=	105.6	FOM=	0.95	TEST=	0
INDE	2	41	9	FOBS=	275.7	SIGMA=	0.8	PHAS=	-73.9	FOM=	0.96	TEST=	0
INDE	2	41	11	FOBS=	375.4	SIGMA=	0.8	PHAS=	-2.5	FOM=	0.98	TEST=	0
INDE	2	41	13	FOBS=	48.3	SIGMA=	3.0	PHAS=	170.1	FOM=	0.40	TEST=	0
INDE	2	41	15	FOBS=	52.6	SIGMA=	4.3	PHAS=	-111.8	FOM=	0.70	TEST=	0
INDE	2	41	17	FOBS=	125.5	SIGMA=	2.1	PHAS=	113.7	FOM=	0.85	TEST=	0
INDE	2	41	19	FOBS=	77.3	SIGMA=	4.7	PHAS=	101.8	FOM=	0.52	TEST=	0
INDE	2	41	23	FOBS=	39.8	SIGMA=	12.1	PHAS=	109.2	FOM=	0.06	TEST=	0
INDE	2	41	25	FOBS=	114.2	SIGMA=	3.1	PHAS=	-78.0	FOM=	0.96	TEST=	0
INDE	2	41	27	FOBS=	0.0	SIGMA=	26.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	41	29	FOBS=	107.4	SIGMA=	3.3	PHAS=	-105.2	FOM=	0.87	TEST=	0
INDE	2	41	31	FOBS=	30.5	SIGMA=	11.2	PHAS=	143.5	FOM=	0.06	TEST=	1
INDE	2	41	33	FOBS=	103.4	SIGMA=	2.4	PHAS=	87.9	FOM=	0.84	TEST=	0
INDE	2	41	35	FOBS=	89.8	SIGMA=	2.5	PHAS=	123.2	FOM=	0.70	TEST=	0
INDE	2	41	37	FOBS=	113.9	SIGMA=	2.0	PHAS=	-145.7	FOM=	0.71	TEST=	0
INDE	2	41	39	FOBS=	134.8	SIGMA=	1.4	PHAS=	164.8	FOM=	0.75	TEST=	0
INDE	2	41	41	FOBS=	173.8	SIGMA=	1.1	PHAS=	100.8	FOM=	0.97	TEST=	0
INDE	2	41	43	FOBS=	106.1	SIGMA=	1.7	PHAS=	16.8	FOM=	0.90	TEST=	0
INDE	2	41	45	FOBS=	67.9	SIGMA=	2.6	PHAS=	-124.9	FOM=	0.32	TEST=	0
INDE	2	41	47	FOBS=	106.4	SIGMA=	1.7	PHAS=	-75.0	FOM=	0.93	TEST=	0
INDE	2	41	49	FOBS=	44.8	SIGMA=	3.5	PHAS=	-83.7	FOM=	0.80	TEST=	0
INDE	2	41	51	FOBS=	131.2	SIGMA=	1.4	PHAS=	-155.3	FOM=	0.93	TEST=	0
INDE	2	41	53	FOBS=	33.6	SIGMA=	5.4	PHAS=	110.7	FOM=	0.37	TEST=	1
INDE	2	41	55	FOBS=	91.0	SIGMA=	1.9	PHAS=	46.9	FOM=	0.93	TEST=	0
INDE	2	41	57	FOBS=	88.9	SIGMA=	2.1	PHAS=	-32.8	FOM=	0.89	TEST=	0
INDE	2	41	59	FOBS=	41.9	SIGMA=	4.3	PHAS=	-86.7	FOM=	0.77	TEST=	0
INDE	2	41	61	FOBS=	52.5	SIGMA=	3.5	PHAS=	-13.0	FOM=	0.52	TEST=	1
INDE	2	41	63	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	41	65	FOBS=	64.4	SIGMA=	3.7	PHAS=	-106.1	FOM=	0.20	TEST=	1
INDE	2	42	2	FOBS=	147.8	SIGMA=	0.8	PHAS=	-44.3	FOM=	0.60	TEST=	0
INDE	2	42	10	FOBS=	254.8	SIGMA=	0.9	PHAS=	-46.3	FOM=	0.95	TEST=	0
INDE	2	42	12	FOBS=	82.2	SIGMA=	2.7	PHAS=	138.6	FOM=	0.39	TEST=	0

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INDE	2	42	14	FOBS=	57.3	SIGMA=	2.7	PHAS=	-179.2	FOM=	0.96	TEST=	0
INDE	2	42	16	FOBS=	347.1	SIGMA=	1.0	PHAS=	-56.9	FOM=	0.91	TEST=	1
INDE	2	42	18	FOBS=	272.4	SIGMA=	1.2	PHAS=	-5.7	FOM=	0.97	TEST=	0
INDE	2	42	22	FOBS=	102.5	SIGMA=	4.9	PHAS=	123.1	FOM=	0.43	TEST=	0
INDE	2	42	24	FOBS=	113.3	SIGMA=	3.2	PHAS=	-69.7	FOM=	0.60	TEST=	0
INDE	2	42	26	FOBS=	37.3	SIGMA=	9.5	PHAS=	25.4	FOM=	0.13	TEST=	0
INDE	2	42	28	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	42	30	FOBS=	133.0	SIGMA=	2.7	PHAS=	-57.2	FOM=	0.31	TEST=	1
INDE	2	42	32	FOBS=	127.6	SIGMA=	2.8	PHAS=	2.9	FOM=	0.60	TEST=	0
INDE	2	42	34	FOBS=	196.6	SIGMA=	1.4	PHAS=	14.5	FOM=	0.95	TEST=	0
INDE	2	42	36	FOBS=	68.2	SIGMA=	3.3	PHAS=	63.7	FOM=	0.50	TEST=	0
INDE	2	42	38	FOBS=	72.5	SIGMA=	2.8	PHAS=	104.2	FOM=	0.70	TEST=	0
INDE	2	42	40	FOBS=	75.3	SIGMA=	2.4	PHAS=	102.4	FOM=	0.82	TEST=	0
INDE	2	42	42	FOBS=	132.4	SIGMA=	1.4	PHAS=	63.7	FOM=	0.91	TEST=	0
INDE	2	42	44	FOBS=	135.7	SIGMA=	1.4	PHAS=	-109.9	FOM=	0.89	TEST=	0
INDE	2	42	46	FOBS=	135.3	SIGMA=	1.4	PHAS=	-175.2	FOM=	0.95	TEST=	0
INDE	2	42	48	FOBS=	101.4	SIGMA=	1.7	PHAS=	156.4	FOM=	0.75	TEST=	0
INDE	2	42	50	FOBS=	72.9	SIGMA=	2.0	PHAS=	158.4	FOM=	0.82	TEST=	0
INDE	2	42	52	FOBS=	69.2	SIGMA=	2.8	PHAS=	169.8	FOM=	0.66	TEST=	0
INDE	2	42	54	FOBS=	129.0	SIGMA=	1.4	PHAS=	45.9	FOM=	0.95	TEST=	0
INDE	2	42	56	FOBS=	15.8	SIGMA=	12.2	PHAS=	-58.2	FOM=	0.74	TEST=	0
INDE	2	42	58	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	42	60	FOBS=	14.0	SIGMA=	15.5	PHAS=	-157.8	FOM=	0.01	TEST=	1
INDE	2	42	62	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	42	64	FOBS=	83.5	SIGMA=	3.2	PHAS=	166.7	FOM=	0.87	TEST=	0
INDE	2	43	3	FOBS=	211.0	SIGMA=	1.0	PHAS=	85.8	FOM=	0.94	TEST=	0
INDE	2	43	9	FOBS=	357.7	SIGMA=	1.0	PHAS=	-83.9	FOM=	0.99	TEST=	0
INDE	2	43	11	FOBS=	167.6	SIGMA=	0.9	PHAS=	68.2	FOM=	0.94	TEST=	0
INDE	2	43	13	FOBS=	76.5	SIGMA=	2.0	PHAS=	-125.4	FOM=	0.56	TEST=	1
INDE	2	43	15	FOBS=	192.0	SIGMA=	1.0	PHAS=	-145.5	FOM=	0.92	TEST=	0
INDE	2	43	17	FOBS=	122.8	SIGMA=	2.3	PHAS=	160.4	FOM=	0.93	TEST=	0
INDE	2	43	19	FOBS=	113.3	SIGMA=	2.6	PHAS=	-108.0	FOM=	0.95	TEST=	1
INDE	2	43	23	FOBS=	15.3	SIGMA=	33.1	PHAS=	85.0	FOM=	0.07	TEST=	0
INDE	2	43	25	FOBS=	158.1	SIGMA=	2.4	PHAS=	-119.1	FOM=	0.63	TEST=	0
INDE	2	43	27	FOBS=	139.8	SIGMA=	2.7	PHAS=	3.5	FOM=	0.80	TEST=	0
INDE	2	43	29	FOBS=	51.7	SIGMA=	6.7	PHAS=	128.2	FOM=	0.42	TEST=	0
INDE	2	43	31	FOBS=	248.8	SIGMA=	1.6	PHAS=	18.0	FOM=	0.40	TEST=	1
INDE	2	43	33	FOBS=	89.0	SIGMA=	3.8	PHAS=	143.9	FOM=	0.53	TEST=	0
INDE	2	43	35	FOBS=	99.1	SIGMA=	2.3	PHAS=	-98.6	FOM=	0.93	TEST=	0
INDE	2	43	37	FOBS=	44.3	SIGMA=	4.9	PHAS=	-174.7	FOM=	0.19	TEST=	0
INDE	2	43	39	FOBS=	11.9	SIGMA=	15.0	PHAS=	81.5	FOM=	0.27	TEST=	0
INDE	2	43	41	FOBS=	175.4	SIGMA=	1.1	PHAS=	79.6	FOM=	0.97	TEST=	0
INDE	2	43	43	FOBS=	56.8	SIGMA=	3.1	PHAS=	-33.2	FOM=	0.69	TEST=	0
INDE	2	43	45	FOBS=	137.8	SIGMA=	1.4	PHAS=	111.0	FOM=	0.97	TEST=	0
INDE	2	43	47	FOBS=	36.7	SIGMA=	4.7	PHAS=	18.8	FOM=	0.71	TEST=	0
INDE	2	43	49	FOBS=	62.2	SIGMA=	2.6	PHAS=	51.6	FOM=	0.85	TEST=	0
INDE	2	43	51	FOBS=	30.5	SIGMA=	6.9	PHAS=	-165.4	FOM=	0.28	TEST=	0
INDE	2	43	53	FOBS=	63.7	SIGMA=	2.7	PHAS=	6.5	FOM=	0.69	TEST=	0
INDE	2	43	55	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	43	57	FOBS=	70.2	SIGMA=	2.7	PHAS=	-91.9	FOM=	0.83	TEST=	0
INDE	2	43	59	FOBS=	112.5	SIGMA=	1.7	PHAS=	-55.5	FOM=	0.49	TEST=	1
INDE	2	43	61	FOBS=	31.9	SIGMA=	6.8	PHAS=	-162.4	FOM=	0.60	TEST=	0
INDE	2	43	63	FOBS=	59.7	SIGMA=	4.3	PHAS=	43.1	FOM=	0.91	TEST=	0
INDE	2	44	2	FOBS=	154.7	SIGMA=	1.1	PHAS=	91.3	FOM=	0.97	TEST=	0
INDE	2	44	10	FOBS=	134.6	SIGMA=	1.5	PHAS=	-85.6	FOM=	0.82	TEST=	0
INDE	2	44	12	FOBS=	169.3	SIGMA=	1.0	PHAS=	38.9	FOM=	0.98	TEST=	0
INDE	2	44	14	FOBS=	162.8	SIGMA=	1.1	PHAS=	156.5	FOM=	0.72	TEST=	1
INDE	2	44	16	FOBS=	292.8	SIGMA=	0.8	PHAS=	15.7	FOM=	0.44	TEST=	1
INDE	2	44	18	FOBS=	0.0	SIGMA=	24.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	44	20	FOBS=	95.9	SIGMA=	3.1	PHAS=	145.4	FOM=	0.93	TEST=	0
INDE	2	44	22	FOBS=	45.7	SIGMA=	11.3	PHAS=	50.9	FOM=	0.26	TEST=	0
INDE	2	44	24	FOBS=	200.6	SIGMA=	2.0	PHAS=	-109.9	FOM=	0.85	TEST=	0
INDE	2	44	26	FOBS=	69.2	SIGMA=	5.1	PHAS=	-84.2	FOM=	0.77	TEST=	0
INDE	2	44	28	FOBS=	80.1	SIGMA=	4.4	PHAS=	-81.5	FOM=	0.46	TEST=	0
INDE	2	44	30	FOBS=	231.5	SIGMA=	1.7	PHAS=	41.7	FOM=	0.92	TEST=	0
INDE	2	44	32	FOBS=	127.2	SIGMA=	2.7	PHAS=	-49.8	FOM=	0.71	TEST=	0
INDE	2	44	34	FOBS=	33.2	SIGMA=	7.8	PHAS=	-164.4	FOM=	0.35	TEST=	0
INDE	2	44	36	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	44	38	FOBS=	195.2	SIGMA=	1.1	PHAS=	-51.5	FOM=	0.51	TEST=	1
INDE	2	44	40	FOBS=	160.4	SIGMA=	1.2	PHAS=	-84.8	FOM=	0.26	TEST=	1

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INDE	2	44	42	FOBS=	82.5	SIGMA=	2.2	PHAS=	34.9	FOM=	0.91	TEST=	0
INDE	2	44	44	FOBS=	105.9	SIGMA=	1.8	PHAS=	-8.1	FOM=	0.94	TEST=	0
INDE	2	44	46	FOBS=	92.0	SIGMA=	2.0	PHAS=	0.7	FOM=	0.88	TEST=	0
INDE	2	44	48	FOBS=	57.7	SIGMA=	3.0	PHAS=	-44.7	FOM=	0.81	TEST=	0
INDE	2	44	50	FOBS=	53.2	SIGMA=	3.3	PHAS=	-114.6	FOM=	0.30	TEST=	1
INDE	2	44	52	FOBS=	24.9	SIGMA=	7.7	PHAS=	16.2	FOM=	0.11	TEST=	1
INDE	2	44	54	FOBS=	88.7	SIGMA=	2.0	PHAS=	88.3	FOM=	0.69	TEST=	0
INDE	2	44	56	FOBS=	29.0	SIGMA=	6.0	PHAS=	92.9	FOM=	0.76	TEST=	0
INDE	2	44	58	FOBS=	130.1	SIGMA=	1.4	PHAS=	-164.8	FOM=	0.97	TEST=	0
INDE	2	44	60	FOBS=	107.2	SIGMA=	1.8	PHAS=	146.2	FOM=	0.94	TEST=	0
INDE	2	44	62	FOBS=	76.6	SIGMA=	2.7	PHAS=	-134.4	FOM=	0.87	TEST=	0
INDE	2	44	64	FOBS=	34.2	SIGMA=	11.2	PHAS=	-154.2	FOM=	0.23	TEST=	0
INDE	2	45	3	FOBS=	381.4	SIGMA=	0.8	PHAS=	-35.3	FOM=	0.99	TEST=	0
INDE	2	45	11	FOBS=	68.1	SIGMA=	2.3	PHAS=	172.6	FOM=	0.92	TEST=	0
INDE	2	45	13	FOBS=	242.5	SIGMA=	0.9	PHAS=	-68.1	FOM=	0.94	TEST=	0
INDE	2	45	15	FOBS=	35.0	SIGMA=	5.2	PHAS=	30.4	FOM=	0.94	TEST=	0
INDE	2	45	17	FOBS=	118.0	SIGMA=	1.7	PHAS=	-16.7	FOM=	0.96	TEST=	0
INDE	2	45	19	FOBS=	60.8	SIGMA=	5.2	PHAS=	-119.8	FOM=	0.55	TEST=	1
INDE	2	45	21	FOBS=	59.5	SIGMA=	5.0	PHAS=	60.8	FOM=	0.66	TEST=	0
INDE	2	45	23	FOBS=	106.3	SIGMA=	5.0	PHAS=	90.0	FOM=	0.32	TEST=	0
INDE	2	45	25	FOBS=	182.1	SIGMA=	2.1	PHAS=	125.0	FOM=	0.82	TEST=	0
INDE	2	45	27	FOBS=	98.2	SIGMA=	3.6	PHAS=	-177.6	FOM=	0.77	TEST=	0
INDE	2	45	29	FOBS=	132.7	SIGMA=	2.7	PHAS=	49.5	FOM=	0.91	TEST=	0
INDE	2	45	31	FOBS=	75.6	SIGMA=	4.5	PHAS=	-64.7	FOM=	0.66	TEST=	0
INDE	2	45	33	FOBS=	72.1	SIGMA=	4.7	PHAS=	-166.4	FOM=	0.34	TEST=	0
INDE	2	45	35	FOBS=	125.8	SIGMA=	2.0	PHAS=	-179.1	FOM=	0.86	TEST=	0
INDE	2	45	37	FOBS=	121.9	SIGMA=	1.9	PHAS=	-123.3	FOM=	0.93	TEST=	0
INDE	2	45	39	FOBS=	204.7	SIGMA=	1.0	PHAS=	-101.9	FOM=	0.85	TEST=	0
INDE	2	45	41	FOBS=	65.0	SIGMA=	2.8	PHAS=	44.3	FOM=	0.33	TEST=	0
INDE	2	45	43	FOBS=	119.1	SIGMA=	1.6	PHAS=	-60.8	FOM=	0.91	TEST=	0
INDE	2	45	45	FOBS=	95.2	SIGMA=	1.9	PHAS=	-63.5	FOM=	0.85	TEST=	0
INDE	2	45	47	FOBS=	48.7	SIGMA=	3.6	PHAS=	-61.7	FOM=	0.37	TEST=	0
INDE	2	45	49	FOBS=	0.0	SIGMA=	17.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	45	51	FOBS=	15.4	SIGMA=	11.9	PHAS=	-67.9	FOM=	0.26	TEST=	0
INDE	2	45	53	FOBS=	64.4	SIGMA=	2.7	PHAS=	-83.9	FOM=	0.82	TEST=	0
INDE	2	45	55	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	45	57	FOBS=	102.9	SIGMA=	1.8	PHAS=	52.2	FOM=	0.90	TEST=	0
INDE	2	45	59	FOBS=	7.0	SIGMA=	31.4	PHAS=	61.4	FOM=	0.34	TEST=	0
INDE	2	45	61	FOBS=	69.2	SIGMA=	3.0	PHAS=	123.5	FOM=	0.90	TEST=	0
INDE	2	45	63	FOBS=	78.5	SIGMA=	3.3	PHAS=	96.3	FOM=	0.91	TEST=	0
INDE	2	46	2	FOBS=	76.4	SIGMA=	1.7	PHAS=	-70.5	FOM=	0.80	TEST=	0
INDE	2	46	12	FOBS=	100.0	SIGMA=	1.7	PHAS=	-4.1	FOM=	0.86	TEST=	0
INDE	2	46	14	FOBS=	52.0	SIGMA=	3.4	PHAS=	-155.4	FOM=	0.81	TEST=	0
INDE	2	46	16	FOBS=	58.6	SIGMA=	3.4	PHAS=	-68.8	FOM=	0.86	TEST=	0
INDE	2	46	18	FOBS=	169.4	SIGMA=	1.5	PHAS=	-92.1	FOM=	0.92	TEST=	0
INDE	2	46	20	FOBS=	88.2	SIGMA=	3.5	PHAS=	102.7	FOM=	0.26	TEST=	0
INDE	2	46	22	FOBS=	164.2	SIGMA=	1.7	PHAS=	103.7	FOM=	0.05	TEST=	1
INDE	2	46	24	FOBS=	58.0	SIGMA=	6.2	PHAS=	-64.2	FOM=	0.28	TEST=	0
INDE	2	46	26	FOBS=	123.2	SIGMA=	3.0	PHAS=	-146.1	FOM=	0.58	TEST=	0
INDE	2	46	28	FOBS=	92.8	SIGMA=	3.8	PHAS=	26.6	FOM=	0.85	TEST=	0
INDE	2	46	30	FOBS=	58.5	SIGMA=	5.9	PHAS=	-94.1	FOM=	0.58	TEST=	0
INDE	2	46	32	FOBS=	79.5	SIGMA=	4.3	PHAS=	-124.6	FOM=	0.75	TEST=	0
INDE	2	46	34	FOBS=	110.1	SIGMA=	3.1	PHAS=	-134.3	FOM=	0.76	TEST=	1
INDE	2	46	36	FOBS=	149.0	SIGMA=	1.6	PHAS=	102.3	FOM=	0.93	TEST=	0
INDE	2	46	38	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	46	40	FOBS=	51.2	SIGMA=	3.5	PHAS=	-92.9	FOM=	0.60	TEST=	0
INDE	2	46	42	FOBS=	90.2	SIGMA=	2.0	PHAS=	-131.5	FOM=	0.81	TEST=	0
INDE	2	46	44	FOBS=	13.1	SIGMA=	14.0	PHAS=	-101.7	FOM=	0.25	TEST=	1
INDE	2	46	46	FOBS=	88.3	SIGMA=	2.1	PHAS=	-79.5	FOM=	0.84	TEST=	0
INDE	2	46	48	FOBS=	72.6	SIGMA=	2.4	PHAS=	-124.7	FOM=	0.78	TEST=	0
INDE	2	46	50	FOBS=	34.2	SIGMA=	5.4	PHAS=	59.4	FOM=	0.48	TEST=	0
INDE	2	46	52	FOBS=	81.2	SIGMA=	2.2	PHAS=	-113.5	FOM=	0.85	TEST=	0
INDE	2	46	54	FOBS=	12.9	SIGMA=	14.0	PHAS=	177.4	FOM=	0.13	TEST=	0
INDE	2	46	56	FOBS=	28.2	SIGMA=	6.5	PHAS=	100.3	FOM=	0.44	TEST=	0
INDE	2	46	58	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	46	60	FOBS=	42.7	SIGMA=	4.9	PHAS=	93.4	FOM=	0.76	TEST=	0
INDE	2	46	62	FOBS=	71.7	SIGMA=	3.6	PHAS=	-4.7	FOM=	0.78	TEST=	0
INDE	2	47	3	FOBS=	150.7	SIGMA=	1.0	PHAS=	-48.2	FOM=	0.90	TEST=	0
INDE	2	47	11	FOBS=	21.9	SIGMA=	10.2	PHAS=	63.5	FOM=	0.21	TEST=	0
INDE	2	47	13	FOBS=	121.9	SIGMA=	1.5	PHAS=	-154.5	FOM=	0.94	TEST=	0

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INDE 2 47 15 FOBS= 86.6 SIGMA= 2.2 PHAS= 66.5 FOM= 0.76 TEST= 0
INDE 2 47 17 FOBS= 235.7 SIGMA= 1.0 PHAS= -1.1 FOM= 0.98 TEST= 0
INDE 2 47 19 FOBS= 132.9 SIGMA= 2.4 PHAS= 166.6 FOM= 0.85 TEST= 0
INDE 2 47 21 FOBS= 172.8 SIGMA= 1.9 PHAS= -45.9 FOM= 0.75 TEST= 0
INDE 2 47 23 FOBS= 102.3 SIGMA= 2.3 PHAS= -23.4 FOM= 0.50 TEST= 0
INDE 2 47 25 FOBS= 162.8 SIGMA= 2.3 PHAS= 153.5 FOM= 0.88 TEST= 0
INDE 2 47 27 FOBS= 80.0 SIGMA= 4.4 PHAS= 133.2 FOM= 0.83 TEST= 0
INDE 2 47 29 FOBS= 190.4 SIGMA= 2.0 PHAS= 142.9 FOM= 0.79 TEST= 0
INDE 2 47 31 FOBS= 100.3 SIGMA= 3.5 PHAS= 169.8 FOM= 0.88 TEST= 0
INDE 2 47 33 FOBS= 238.4 SIGMA= 1.6 PHAS= 91.0 FOM= 0.97 TEST= 0
INDE 2 47 35 FOBS= 52.2 SIGMA= 6.3 PHAS= -0.6 FOM= 0.66 TEST= 0
INDE 2 47 37 FOBS= 190.2 SIGMA= 1.3 PHAS= -16.2 FOM= 0.94 TEST= 0
INDE 2 47 39 FOBS= 151.3 SIGMA= 1.3 PHAS= -89.8 FOM= 0.93 TEST= 0
INDE 2 47 41 FOBS= 134.9 SIGMA= 1.4 PHAS= -175.9 FOM= 0.93 TEST= 0
INDE 2 47 43 FOBS= 93.2 SIGMA= 2.1 PHAS= 103.7 FOM= 0.84 TEST= 0
INDE 2 47 45 FOBS= 45.3 SIGMA= 4.0 PHAS= -55.1 FOM= 0.75 TEST= 0
INDE 2 47 47 FOBS= 99.0 SIGMA= 1.9 PHAS= 161.8 FOM= 0.92 TEST= 0
INDE 2 47 49 FOBS= 38.9 SIGMA= 5.5 PHAS= 120.2 FOM= 0.60 TEST= 0
INDE 2 47 51 FOBS= 46.2 SIGMA= 3.8 PHAS= -173.7 FOM= 0.81 TEST= 0
INDE 2 47 53 FOBS= 31.5 SIGMA= 5.8 PHAS= -133.3 FOM= 0.53 TEST= 0
INDE 2 47 55 FOBS= 0.0 SIGMA= 19.7 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 2 47 57 FOBS= 32.3 SIGMA= 5.5 PHAS= 38.3 FOM= 0.67 TEST= 0
INDE 2 47 59 FOBS= 24.8 SIGMA= 8.8 PHAS= -104.8 FOM= 0.21 TEST= 0
INDE 2 47 61 FOBS= 3.8 SIGMA= 73.3 PHAS= 105.1 FOM= 0.06 TEST= 0
INDE 2 48 2 FOBS= 150.5 SIGMA= 0.9 PHAS= -93.0 FOM= 0.91 TEST= 0
INDE 2 48 12 FOBS= 98.8 SIGMA= 1.8 PHAS= 47.1 FOM= 0.75 TEST= 0
INDE 2 48 14 FOBS= 47.7 SIGMA= 3.7 PHAS= -151.6 FOM= 0.54 TEST= 0
INDE 2 48 16 FOBS= 48.0 SIGMA= 3.9 PHAS= -149.6 FOM= 0.13 TEST= 0
INDE 2 48 18 FOBS= 124.7 SIGMA= 1.7 PHAS= -70.8 FOM= 0.90 TEST= 0
INDE 2 48 20 FOBS= 106.7 SIGMA= 2.9 PHAS= 162.3 FOM= 0.88 TEST= 1
INDE 2 48 22 FOBS= 167.1 SIGMA= 1.7 PHAS= -114.7 FOM= 0.53 TEST= 0
INDE 2 48 24 FOBS= 35.1 SIGMA= 10.1 PHAS= 37.8 FOM= 0.23 TEST= 0
INDE 2 48 26 FOBS= 67.2 SIGMA= 5.2 PHAS= -155.1 FOM= 0.64 TEST= 0
INDE 2 48 28 FOBS= 201.4 SIGMA= 2.0 PHAS= 37.0 FOM= 0.94 TEST= 0
INDE 2 48 30 FOBS= 238.2 SIGMA= 1.7 PHAS= 88.9 FOM= 0.94 TEST= 0
INDE 2 48 32 FOBS= 106.4 SIGMA= 3.3 PHAS= 40.9 FOM= 0.95 TEST= 0
INDE 2 48 34 FOBS= 161.5 SIGMA= 2.2 PHAS= -94.0 FOM= 0.91 TEST= 0
INDE 2 48 36 FOBS= 63.9 SIGMA= 4.4 PHAS= -110.9 FOM= 0.82 TEST= 0
INDE 2 48 38 FOBS= 149.0 SIGMA= 1.4 PHAS= -148.3 FOM= 0.96 TEST= 0
INDE 2 48 40 FOBS= 131.7 SIGMA= 1.4 PHAS= 152.3 FOM= 0.97 TEST= 0
INDE 2 48 42 FOBS= 51.3 SIGMA= 3.6 PHAS= 48.1 FOM= 0.79 TEST= 0
INDE 2 48 44 FOBS= 27.9 SIGMA= 7.6 PHAS= 48.9 FOM= 0.30 TEST= 1
INDE 2 48 46 FOBS= 89.4 SIGMA= 2.1 PHAS= -18.8 FOM= 0.78 TEST= 1
INDE 2 48 48 FOBS= 40.4 SIGMA= 4.9 PHAS= -41.1 FOM= 0.51 TEST= 0
INDE 2 48 50 FOBS= 42.6 SIGMA= 4.2 PHAS= 64.2 FOM= 0.65 TEST= 0
INDE 2 48 52 FOBS= 9.6 SIGMA= 20.1 PHAS= 106.1 FOM= 0.22 TEST= 0
INDE 2 48 54 FOBS= 0.0 SIGMA= 19.1 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 2 48 56 FOBS= 50.6 SIGMA= 3.7 PHAS= -130.7 FOM= 0.68 TEST= 0
INDE 2 48 58 FOBS= 29.8 SIGMA= 6.9 PHAS= 118.4 FOM= 0.48 TEST= 0
INDE 2 48 60 FOBS= 35.1 SIGMA= 6.9 PHAS= 58.5 FOM= 0.19 TEST= 0
INDE 2 49 3 FOBS= 78.7 SIGMA= 2.2 PHAS= -15.2 FOM= 0.86 TEST= 0
INDE 2 49 13 FOBS= 85.8 SIGMA= 2.1 PHAS= 116.7 FOM= 0.76 TEST= 0
INDE 2 49 15 FOBS= 148.2 SIGMA= 1.3 PHAS= 77.8 FOM= 0.97 TEST= 0
INDE 2 49 17 FOBS= 153.3 SIGMA= 1.3 PHAS= -31.4 FOM= 0.90 TEST= 0
INDE 2 49 19 FOBS= 139.5 SIGMA= 1.5 PHAS= 115.2 FOM= 0.95 TEST= 0
INDE 2 49 21 FOBS= 42.1 SIGMA= 7.2 PHAS= -166.8 FOM= 0.57 TEST= 0
INDE 2 49 23 FOBS= 117.8 SIGMA= 2.0 PHAS= -131.2 FOM= 0.65 TEST= 0
INDE 2 49 25 FOBS= 147.2 SIGMA= 2.5 PHAS= 93.5 FOM= 0.69 TEST= 0
INDE 2 49 27 FOBS= 44.1 SIGMA= 7.8 PHAS= -52.0 FOM= 0.62 TEST= 0
INDE 2 49 29 FOBS= 50.4 SIGMA= 6.8 PHAS= 71.3 FOM= 0.03 TEST= 1
INDE 2 49 31 FOBS= 104.9 SIGMA= 3.3 PHAS= 6.2 FOM= 0.90 TEST= 0
INDE 2 49 33 FOBS= 33.9 SIGMA= 9.7 PHAS= 25.0 FOM= 0.29 TEST= 0
INDE 2 49 35 FOBS= 118.2 SIGMA= 2.9 PHAS= 166.1 FOM= 0.93 TEST= 0
INDE 2 49 37 FOBS= 57.9 SIGMA= 4.9 PHAS= 139.8 FOM= 0.70 TEST= 1
INDE 2 49 39 FOBS= 95.3 SIGMA= 1.9 PHAS= 102.8 FOM= 0.93 TEST= 0
INDE 2 49 41 FOBS= 62.0 SIGMA= 2.9 PHAS= 123.2 FOM= 0.24 TEST= 0
INDE 2 49 43 FOBS= 0.0 SIGMA= 26.1 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 2 49 45 FOBS= 51.3 SIGMA= 3.6 PHAS= -108.5 FOM= 0.03 TEST= 1
INDE 2 49 47 FOBS= 48.0 SIGMA= 5.2 PHAS= -179.7 FOM= 0.79 TEST= 0
INDE 2 49 49 FOBS= 15.2 SIGMA= 13.3 PHAS= 129.5 FOM= 0.49 TEST= 0

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INDE	2	49	51	FOBS=	55.5	SIGMA=	3.2	PHAS=	103.8	FOM=	0.75	TEST=	0
INDE	2	49	53	FOBS=	10.1	SIGMA=	18.8	PHAS=	-37.5	FOM=	0.13	TEST=	0
INDE	2	49	55	FOBS=	87.4	SIGMA=	2.1	PHAS=	126.7	FOM=	0.88	TEST=	0
INDE	2	49	57	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	49	59	FOBS=	5.1	SIGMA=	59.1	PHAS=	165.3	FOM=	0.00	TEST=	1
INDE	2	50	2	FOBS=	165.6	SIGMA=	0.8	PHAS=	-44.3	FOM=	0.93	TEST=	0
INDE	2	50	12	FOBS=	112.7	SIGMA=	2.0	PHAS=	9.3	FOM=	0.86	TEST=	0
INDE	2	50	14	FOBS=	119.6	SIGMA=	1.5	PHAS=	-38.7	FOM=	0.95	TEST=	0
INDE	2	50	16	FOBS=	247.6	SIGMA=	0.9	PHAS=	46.0	FOM=	0.96	TEST=	0
INDE	2	50	18	FOBS=	135.8	SIGMA=	1.5	PHAS=	-119.3	FOM=	0.90	TEST=	0
INDE	2	50	20	FOBS=	102.8	SIGMA=	2.0	PHAS=	-90.0	FOM=	0.76	TEST=	0
INDE	2	50	22	FOBS=	19.7	SIGMA=	13.1	PHAS=	126.2	FOM=	0.40	TEST=	0
INDE	2	50	24	FOBS=	84.5	SIGMA=	2.8	PHAS=	6.6	FOM=	0.54	TEST=	0
INDE	2	50	26	FOBS=	128.0	SIGMA=	2.8	PHAS=	175.7	FOM=	0.90	TEST=	0
INDE	2	50	28	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	50	30	FOBS=	0.0	SIGMA=	25.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	50	32	FOBS=	102.8	SIGMA=	3.3	PHAS=	-79.2	FOM=	0.67	TEST=	0
INDE	2	50	34	FOBS=	84.9	SIGMA=	4.0	PHAS=	-176.2	FOM=	0.62	TEST=	0
INDE	2	50	36	FOBS=	109.5	SIGMA=	3.1	PHAS=	16.1	FOM=	0.89	TEST=	0
INDE	2	50	38	FOBS=	81.4	SIGMA=	2.4	PHAS=	-56.7	FOM=	0.82	TEST=	0
INDE	2	50	40	FOBS=	89.2	SIGMA=	2.0	PHAS=	45.4	FOM=	0.89	TEST=	0
INDE	2	50	42	FOBS=	62.3	SIGMA=	2.9	PHAS=	153.5	FOM=	0.58	TEST=	0
INDE	2	50	44	FOBS=	35.5	SIGMA=	5.5	PHAS=	-166.2	FOM=	0.66	TEST=	0
INDE	2	50	46	FOBS=	112.2	SIGMA=	1.7	PHAS=	60.9	FOM=	0.94	TEST=	0
INDE	2	50	48	FOBS=	41.4	SIGMA=	5.6	PHAS=	100.3	FOM=	0.45	TEST=	0
INDE	2	50	50	FOBS=	81.8	SIGMA=	2.2	PHAS=	-1.9	FOM=	0.91	TEST=	0
INDE	2	50	52	FOBS=	92.6	SIGMA=	2.0	PHAS=	-8.8	FOM=	0.94	TEST=	0
INDE	2	50	54	FOBS=	68.3	SIGMA=	2.6	PHAS=	12.8	FOM=	0.64	TEST=	0
INDE	2	50	56	FOBS=	8.7	SIGMA=	27.3	PHAS=	-11.4	FOM=	0.00	TEST=	1
INDE	2	50	58	FOBS=	39.3	SIGMA=	6.7	PHAS=	-30.0	FOM=	0.10	TEST=	1
INDE	2	51	3	FOBS=	179.0	SIGMA=	1.0	PHAS=	-53.2	FOM=	0.75	TEST=	0
INDE	2	51	13	FOBS=	39.1	SIGMA=	5.9	PHAS=	-62.7	FOM=	0.78	TEST=	0
INDE	2	51	15	FOBS=	181.8	SIGMA=	1.3	PHAS=	-28.0	FOM=	0.61	TEST=	1
INDE	2	51	17	FOBS=	57.1	SIGMA=	3.3	PHAS=	-93.1	FOM=	0.65	TEST=	0
INDE	2	51	19	FOBS=	103.9	SIGMA=	1.9	PHAS=	166.4	FOM=	0.88	TEST=	0
INDE	2	51	21	FOBS=	130.6	SIGMA=	1.5	PHAS=	89.7	FOM=	0.83	TEST=	0
INDE	2	51	23	FOBS=	71.5	SIGMA=	3.3	PHAS=	-152.9	FOM=	0.93	TEST=	0
INDE	2	51	25	FOBS=	62.4	SIGMA=	3.7	PHAS=	109.0	FOM=	0.17	TEST=	1
INDE	2	51	27	FOBS=	102.8	SIGMA=	3.4	PHAS=	104.4	FOM=	0.81	TEST=	0
INDE	2	51	29	FOBS=	102.9	SIGMA=	3.4	PHAS=	-56.5	FOM=	0.59	TEST=	0
INDE	2	51	31	FOBS=	53.7	SIGMA=	6.3	PHAS=	-156.9	FOM=	0.73	TEST=	0
INDE	2	51	33	FOBS=	30.1	SIGMA=	10.9	PHAS=	-66.4	FOM=	0.30	TEST=	0
INDE	2	51	35	FOBS=	133.1	SIGMA=	2.6	PHAS=	165.5	FOM=	0.94	TEST=	0
INDE	2	51	37	FOBS=	90.2	SIGMA=	3.0	PHAS=	-121.8	FOM=	0.54	TEST=	0
INDE	2	51	39	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	51	41	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	51	43	FOBS=	75.9	SIGMA=	2.5	PHAS=	92.2	FOM=	0.74	TEST=	0
INDE	2	51	45	FOBS=	105.9	SIGMA=	1.8	PHAS=	-18.4	FOM=	0.93	TEST=	0
INDE	2	51	47	FOBS=	105.3	SIGMA=	1.8	PHAS=	-25.9	FOM=	0.96	TEST=	0
INDE	2	51	49	FOBS=	48.6	SIGMA=	3.8	PHAS=	-11.1	FOM=	0.41	TEST=	1
INDE	2	51	51	FOBS=	12.3	SIGMA=	14.8	PHAS=	-96.1	FOM=	0.41	TEST=	0
INDE	2	51	53	FOBS=	92.9	SIGMA=	2.0	PHAS=	-126.3	FOM=	0.93	TEST=	0
INDE	2	51	55	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	51	57	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	52	2	FOBS=	84.8	SIGMA=	1.7	PHAS=	66.2	FOM=	0.86	TEST=	0
INDE	2	52	4	FOBS=	209.0	SIGMA=	1.0	PHAS=	-98.2	FOM=	0.51	TEST=	0
INDE	2	52	14	FOBS=	140.2	SIGMA=	1.3	PHAS=	-77.5	FOM=	0.94	TEST=	0
INDE	2	52	16	FOBS=	236.5	SIGMA=	0.9	PHAS=	95.6	FOM=	0.91	TEST=	0
INDE	2	52	18	FOBS=	148.0	SIGMA=	1.3	PHAS=	40.8	FOM=	0.81	TEST=	0
INDE	2	52	20	FOBS=	106.2	SIGMA=	2.2	PHAS=	21.7	FOM=	0.89	TEST=	0
INDE	2	52	22	FOBS=	133.9	SIGMA=	1.4	PHAS=	110.4	FOM=	0.20	TEST=	1
INDE	2	52	24	FOBS=	26.7	SIGMA=	12.5	PHAS=	-66.9	FOM=	0.13	TEST=	0
INDE	2	52	26	FOBS=	71.0	SIGMA=	3.3	PHAS=	98.2	FOM=	0.84	TEST=	0
INDE	2	52	28	FOBS=	20.8	SIGMA=	16.3	PHAS=	12.7	FOM=	0.00	TEST=	1
INDE	2	52	30	FOBS=	39.6	SIGMA=	8.6	PHAS=	90.9	FOM=	0.23	TEST=	0
INDE	2	52	32	FOBS=	92.7	SIGMA=	3.7	PHAS=	141.6	FOM=	0.73	TEST=	0
INDE	2	52	34	FOBS=	79.0	SIGMA=	4.2	PHAS=	-147.1	FOM=	0.80	TEST=	0
INDE	2	52	36	FOBS=	53.2	SIGMA=	6.3	PHAS=	-23.6	FOM=	0.73	TEST=	0
INDE	2	52	38	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	52	40	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	2	52	42	FOBS=	41.0	SIGMA=	4.6	PHAS=	119.4	FOM=	0.37	TEST=	0
INDE	2	52	44	FOBS=	36.2	SIGMA=	5.2	PHAS=	-48.0	FOM=	0.61	TEST=	0
INDE	2	52	46	FOBS=	36.5	SIGMA=	5.1	PHAS=	-107.2	FOM=	0.72	TEST=	0
INDE	2	52	48	FOBS=	30.1	SIGMA=	7.1	PHAS=	-123.1	FOM=	0.56	TEST=	1
INDE	2	52	50	FOBS=	55.3	SIGMA=	3.3	PHAS=	-68.2	FOM=	0.79	TEST=	0
INDE	2	52	52	FOBS=	61.2	SIGMA=	3.0	PHAS=	69.7	FOM=	0.81	TEST=	0
INDE	2	52	54	FOBS=	37.0	SIGMA=	5.6	PHAS=	88.2	FOM=	0.74	TEST=	0
INDE	2	52	56	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	53	3	FOBS=	249.4	SIGMA=	0.6	PHAS=	2.7	FOM=	0.96	TEST=	0
INDE	2	53	13	FOBS=	87.6	SIGMA=	3.4	PHAS=	-125.0	FOM=	0.77	TEST=	0
INDE	2	53	15	FOBS=	82.4	SIGMA=	2.1	PHAS=	-156.4	FOM=	0.73	TEST=	0
INDE	2	53	17	FOBS=	156.3	SIGMA=	1.2	PHAS=	8.2	FOM=	0.92	TEST=	0
INDE	2	53	19	FOBS=	153.8	SIGMA=	1.3	PHAS=	-97.6	FOM=	0.94	TEST=	0
INDE	2	53	21	FOBS=	89.4	SIGMA=	2.4	PHAS=	148.1	FOM=	0.86	TEST=	0
INDE	2	53	23	FOBS=	96.0	SIGMA=	1.9	PHAS=	33.5	FOM=	0.85	TEST=	0
INDE	2	53	25	FOBS=	127.4	SIGMA=	1.9	PHAS=	-55.6	FOM=	0.79	TEST=	0
INDE	2	53	27	FOBS=	43.6	SIGMA=	5.2	PHAS=	33.9	FOM=	0.57	TEST=	0
INDE	2	53	29	FOBS=	151.1	SIGMA=	2.4	PHAS=	-148.6	FOM=	0.95	TEST=	0
INDE	2	53	31	FOBS=	71.5	SIGMA=	4.7	PHAS=	50.2	FOM=	0.73	TEST=	0
INDE	2	53	33	FOBS=	76.6	SIGMA=	4.4	PHAS=	88.8	FOM=	0.84	TEST=	0
INDE	2	53	35	FOBS=	133.6	SIGMA=	2.6	PHAS=	139.1	FOM=	0.83	TEST=	1
INDE	2	53	37	FOBS=	117.6	SIGMA=	2.4	PHAS=	-160.0	FOM=	0.95	TEST=	0
INDE	2	53	39	FOBS=	11.7	SIGMA=	17.6	PHAS=	-118.6	FOM=	0.02	TEST=	0
INDE	2	53	41	FOBS=	30.3	SIGMA=	5.8	PHAS=	96.0	FOM=	0.50	TEST=	0
INDE	2	53	43	FOBS=	112.5	SIGMA=	1.7	PHAS=	22.6	FOM=	0.61	TEST=	1
INDE	2	53	45	FOBS=	84.8	SIGMA=	2.3	PHAS=	-126.4	FOM=	0.85	TEST=	0
INDE	2	53	47	FOBS=	32.2	SIGMA=	7.2	PHAS=	-108.4	FOM=	0.45	TEST=	0
INDE	2	53	49	FOBS=	49.6	SIGMA=	4.0	PHAS=	-104.8	FOM=	0.34	TEST=	0
INDE	2	53	51	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	53	53	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	53	55	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	2	54	2	FOBS=	67.8	SIGMA=	1.8	PHAS=	-37.0	FOM=	0.88	TEST=	0
INDE	2	54	4	FOBS=	113.7	SIGMA=	1.7	PHAS=	6.2	FOM=	0.89	TEST=	0
INDE	2	54	14	FOBS=	184.9	SIGMA=	1.3	PHAS=	65.9	FOM=	0.91	TEST=	0
INDE	2	54	16	FOBS=	56.7	SIGMA=	3.0	PHAS=	28.9	FOM=	0.85	TEST=	0
INDE	2	54	18	FOBS=	108.1	SIGMA=	1.7	PHAS=	-82.8	FOM=	0.17	TEST=	1
INDE	2	54	20	FOBS=	145.4	SIGMA=	1.3	PHAS=	97.9	FOM=	0.95	TEST=	0
INDE	2	54	22	FOBS=	54.5	SIGMA=	3.2	PHAS=	98.4	FOM=	0.39	TEST=	0
INDE	2	54	24	FOBS=	129.1	SIGMA=	1.9	PHAS=	-47.6	FOM=	0.92	TEST=	0
INDE	2	54	26	FOBS=	89.2	SIGMA=	2.6	PHAS=	-168.0	FOM=	0.92	TEST=	0
INDE	2	54	28	FOBS=	111.5	SIGMA=	2.1	PHAS=	116.4	FOM=	0.82	TEST=	1
INDE	2	54	30	FOBS=	0.0	SIGMA=	25.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	54	32	FOBS=	56.8	SIGMA=	5.9	PHAS=	-27.3	FOM=	0.54	TEST=	0
INDE	2	54	34	FOBS=	42.3	SIGMA=	7.8	PHAS=	-46.4	FOM=	0.38	TEST=	0
INDE	2	54	36	FOBS=	87.4	SIGMA=	3.8	PHAS=	-48.2	FOM=	0.39	TEST=	0
INDE	2	54	38	FOBS=	74.9	SIGMA=	3.2	PHAS=	130.7	FOM=	0.82	TEST=	0
INDE	2	54	40	FOBS=	46.4	SIGMA=	3.8	PHAS=	40.0	FOM=	0.81	TEST=	0
INDE	2	54	42	FOBS=	90.0	SIGMA=	2.0	PHAS=	-21.3	FOM=	0.76	TEST=	0
INDE	2	54	44	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	54	46	FOBS=	63.7	SIGMA=	3.0	PHAS=	126.6	FOM=	0.69	TEST=	0
INDE	2	54	48	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	54	50	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	54	52	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	54	54	FOBS=	48.2	SIGMA=	5.2	PHAS=	123.4	FOM=	0.16	TEST=	0
INDE	2	55	3	FOBS=	127.1	SIGMA=	1.1	PHAS=	-70.9	FOM=	0.89	TEST=	0
INDE	2	55	15	FOBS=	40.7	SIGMA=	4.1	PHAS=	-137.9	FOM=	0.23	TEST=	0
INDE	2	55	17	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	55	19	FOBS=	26.5	SIGMA=	8.0	PHAS=	-130.9	FOM=	0.26	TEST=	0
INDE	2	55	21	FOBS=	86.9	SIGMA=	2.0	PHAS=	-116.0	FOM=	0.84	TEST=	0
INDE	2	55	23	FOBS=	74.8	SIGMA=	2.4	PHAS=	-10.6	FOM=	0.64	TEST=	0
INDE	2	55	25	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	55	27	FOBS=	127.9	SIGMA=	1.9	PHAS=	115.7	FOM=	0.95	TEST=	0
INDE	2	55	29	FOBS=	40.3	SIGMA=	5.6	PHAS=	-93.3	FOM=	0.55	TEST=	0
INDE	2	55	31	FOBS=	27.6	SIGMA=	12.0	PHAS=	12.5	FOM=	0.14	TEST=	0
INDE	2	55	33	FOBS=	86.8	SIGMA=	4.0	PHAS=	169.9	FOM=	0.49	TEST=	0
INDE	2	55	35	FOBS=	65.3	SIGMA=	5.1	PHAS=	121.0	FOM=	0.78	TEST=	0
INDE	2	55	37	FOBS=	117.7	SIGMA=	2.4	PHAS=	164.8	FOM=	0.91	TEST=	0
INDE	2	55	39	FOBS=	31.7	SIGMA=	7.3	PHAS=	-79.1	FOM=	0.51	TEST=	0
INDE	2	55	41	FOBS=	97.4	SIGMA=	1.9	PHAS=	64.9	FOM=	0.51	TEST=	0
INDE	2	55	43	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	2	55	45	FOBS=	33.5	SIGMA=	5.6	PHAS=	-100.0	FOM=	0.66	TEST=	0
INDE	2	55	47	FOBS=	29.5	SIGMA=	7.4	PHAS=	-173.5	FOM=	0.17	TEST=	1
INDE	2	55	49	FOBS=	27.5	SIGMA=	7.9	PHAS=	175.1	FOM=	0.08	TEST=	0
INDE	2	55	51	FOBS=	47.8	SIGMA=	4.3	PHAS=	122.2	FOM=	0.63	TEST=	0
INDE	2	55	53	FOBS=	0.0	SIGMA=	25.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	56	2	FOBS=	73.3	SIGMA=	3.1	PHAS=	-142.4	FOM=	0.32	TEST=	0
INDE	2	56	4	FOBS=	84.1	SIGMA=	2.0	PHAS=	-34.3	FOM=	0.95	TEST=	0
INDE	2	56	16	FOBS=	78.1	SIGMA=	2.2	PHAS=	-98.4	FOM=	0.72	TEST=	0
INDE	2	56	18	FOBS=	50.3	SIGMA=	3.5	PHAS=	-47.2	FOM=	0.10	TEST=	0
INDE	2	56	20	FOBS=	129.2	SIGMA=	1.4	PHAS=	96.0	FOM=	0.94	TEST=	0
INDE	2	56	22	FOBS=	94.7	SIGMA=	1.8	PHAS=	134.8	FOM=	0.65	TEST=	0
INDE	2	56	24	FOBS=	34.3	SIGMA=	5.5	PHAS=	151.5	FOM=	0.26	TEST=	0
INDE	2	56	26	FOBS=	149.6	SIGMA=	1.7	PHAS=	131.4	FOM=	0.95	TEST=	0
INDE	2	56	28	FOBS=	70.8	SIGMA=	3.3	PHAS=	-20.0	FOM=	0.66	TEST=	0
INDE	2	56	30	FOBS=	55.8	SIGMA=	4.1	PHAS=	-81.6	FOM=	0.54	TEST=	1
INDE	2	56	32	FOBS=	74.5	SIGMA=	4.6	PHAS=	27.4	FOM=	0.67	TEST=	0
INDE	2	56	34	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	56	36	FOBS=	68.8	SIGMA=	3.9	PHAS=	132.6	FOM=	0.32	TEST=	0
INDE	2	56	38	FOBS=	45.1	SIGMA=	5.2	PHAS=	166.2	FOM=	0.49	TEST=	0
INDE	2	56	40	FOBS=	15.7	SIGMA=	12.7	PHAS=	-80.8	FOM=	0.71	TEST=	0
INDE	2	56	42	FOBS=	55.9	SIGMA=	3.2	PHAS=	66.4	FOM=	0.48	TEST=	0
INDE	2	56	44	FOBS=	66.1	SIGMA=	2.9	PHAS=	168.6	FOM=	0.81	TEST=	0
INDE	2	56	46	FOBS=	23.4	SIGMA=	10.2	PHAS=	1.3	FOM=	0.21	TEST=	0
INDE	2	56	48	FOBS=	30.0	SIGMA=	7.9	PHAS=	98.3	FOM=	0.14	TEST=	1
INDE	2	56	50	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	56	52	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	57	3	FOBS=	137.7	SIGMA=	1.0	PHAS=	-96.9	FOM=	0.85	TEST=	0
INDE	2	57	5	FOBS=	253.3	SIGMA=	0.9	PHAS=	52.5	FOM=	0.94	TEST=	0
INDE	2	57	15	FOBS=	170.7	SIGMA=	1.4	PHAS=	-114.0	FOM=	0.86	TEST=	1
INDE	2	57	17	FOBS=	92.6	SIGMA=	1.9	PHAS=	136.9	FOM=	0.76	TEST=	0
INDE	2	57	19	FOBS=	81.8	SIGMA=	2.1	PHAS=	13.7	FOM=	0.55	TEST=	1
INDE	2	57	21	FOBS=	0.0	SIGMA=	18.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	2	57	23	FOBS=	126.4	SIGMA=	1.4	PHAS=	60.0	FOM=	0.95	TEST=	0
INDE	2	57	25	FOBS=	144.0	SIGMA=	1.3	PHAS=	36.5	FOM=	0.95	TEST=	0
INDE	2	57	27	FOBS=	86.8	SIGMA=	2.7	PHAS=	143.7	FOM=	0.57	TEST=	0
INDE	2	57	29	FOBS=	56.8	SIGMA=	4.1	PHAS=	109.3	FOM=	0.40	TEST=	0
INDE	2	57	31	FOBS=	23.4	SIGMA=	9.7	PHAS=	-104.5	FOM=	0.16	TEST=	0
INDE	2	57	33	FOBS=	75.0	SIGMA=	4.5	PHAS=	134.5	FOM=	0.81	TEST=	0
INDE	2	57	35	FOBS=	35.7	SIGMA=	9.3	PHAS=	130.6	FOM=	0.30	TEST=	0
INDE	2	57	37	FOBS=	42.8	SIGMA=	5.5	PHAS=	140.0	FOM=	0.37	TEST=	0
INDE	2	57	39	FOBS=	95.4	SIGMA=	2.5	PHAS=	-169.9	FOM=	0.89	TEST=	0
INDE	2	57	41	FOBS=	35.3	SIGMA=	5.6	PHAS=	124.7	FOM=	0.61	TEST=	1
INDE	2	57	43	FOBS=	15.3	SIGMA=	14.0	PHAS=	163.0	FOM=	0.19	TEST=	0
INDE	2	57	45	FOBS=	47.8	SIGMA=	4.0	PHAS=	-67.1	FOM=	0.41	TEST=	0
INDE	2	57	47	FOBS=	37.3	SIGMA=	6.5	PHAS=	-166.9	FOM=	0.63	TEST=	0
INDE	2	57	49	FOBS=	43.6	SIGMA=	5.0	PHAS=	-36.8	FOM=	0.22	TEST=	0
INDE	2	57	51	FOBS=	59.0	SIGMA=	5.5	PHAS=	-132.7	FOM=	0.77	TEST=	0
INDE	2	58	2	FOBS=	116.8	SIGMA=	1.9	PHAS=	136.8	FOM=	0.83	TEST=	0
INDE	2	58	4	FOBS=	97.1	SIGMA=	1.4	PHAS=	-51.2	FOM=	0.91	TEST=	0
INDE	2	58	16	FOBS=	40.8	SIGMA=	5.4	PHAS=	-162.1	FOM=	0.48	TEST=	0
INDE	2	58	18	FOBS=	117.3	SIGMA=	1.4	PHAS=	-25.7	FOM=	0.92	TEST=	0
INDE	2	58	20	FOBS=	23.5	SIGMA=	6.8	PHAS=	-49.5	FOM=	0.78	TEST=	0
INDE	2	58	22	FOBS=	93.5	SIGMA=	1.8	PHAS=	56.8	FOM=	0.87	TEST=	0
INDE	2	58	24	FOBS=	91.6	SIGMA=	2.0	PHAS=	-20.2	FOM=	0.94	TEST=	0
INDE	2	58	26	FOBS=	44.1	SIGMA=	4.0	PHAS=	-103.6	FOM=	0.75	TEST=	0
INDE	2	58	28	FOBS=	37.2	SIGMA=	7.4	PHAS=	-66.0	FOM=	0.27	TEST=	0
INDE	2	58	30	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	58	32	FOBS=	72.2	SIGMA=	3.2	PHAS=	-51.4	FOM=	0.59	TEST=	0
INDE	2	58	34	FOBS=	47.9	SIGMA=	7.0	PHAS=	-13.1	FOM=	0.49	TEST=	0
INDE	2	58	36	FOBS=	34.4	SIGMA=	7.8	PHAS=	151.1	FOM=	0.68	TEST=	0
INDE	2	58	38	FOBS=	43.7	SIGMA=	5.5	PHAS=	106.6	FOM=	0.22	TEST=	0
INDE	2	58	40	FOBS=	65.3	SIGMA=	3.7	PHAS=	-20.3	FOM=	0.61	TEST=	0
INDE	2	58	42	FOBS=	67.6	SIGMA=	2.7	PHAS=	79.9	FOM=	0.88	TEST=	0
INDE	2	58	44	FOBS=	18.6	SIGMA=	10.9	PHAS=	135.3	FOM=	0.42	TEST=	0
INDE	2	58	46	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	58	48	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	58	50	FOBS=	6.9	SIGMA=	47.6	PHAS=	144.2	FOM=	0.44	TEST=	0
INDE	2	59	3	FOBS=	158.9	SIGMA=	1.1	PHAS=	-91.4	FOM=	0.57	TEST=	1
INDE	2	59	5	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	59	17	FOBS=	30.3	SIGMA=	5.4	PHAS=	-116.1	FOM=	0.62	TEST=	1

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INDE	2	59	19	FOBS=	66.2	SIGMA=	2.4	PHAS=	-102.9	FOM=	0.87	TEST=	0
INDE	2	59	21	FOBS=	20.2	SIGMA=	8.9	PHAS=	152.0	FOM=	0.23	TEST=	1
INDE	2	59	23	FOBS=	45.9	SIGMA=	3.7	PHAS=	65.9	FOM=	0.74	TEST=	0
INDE	2	59	25	FOBS=	66.7	SIGMA=	3.0	PHAS=	121.3	FOM=	0.46	TEST=	1
INDE	2	59	27	FOBS=	54.3	SIGMA=	3.7	PHAS=	160.3	FOM=	0.71	TEST=	0
INDE	2	59	29	FOBS=	59.7	SIGMA=	3.9	PHAS=	-50.7	FOM=	0.59	TEST=	0
INDE	2	59	31	FOBS=	21.9	SIGMA=	11.9	PHAS=	77.4	FOM=	0.18	TEST=	0
INDE	2	59	33	FOBS=	42.7	SIGMA=	7.3	PHAS=	10.9	FOM=	0.46	TEST=	0
INDE	2	59	35	FOBS=	19.3	SIGMA=	13.9	PHAS=	-6.4	FOM=	0.12	TEST=	0
INDE	2	59	37	FOBS=	72.8	SIGMA=	3.3	PHAS=	24.0	FOM=	0.77	TEST=	0
INDE	2	59	39	FOBS=	108.7	SIGMA=	2.3	PHAS=	-173.2	FOM=	0.92	TEST=	0
INDE	2	59	41	FOBS=	40.7	SIGMA=	5.8	PHAS=	46.5	FOM=	0.76	TEST=	0
INDE	2	59	43	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	59	45	FOBS=	49.9	SIGMA=	4.8	PHAS=	91.6	FOM=	0.35	TEST=	0
INDE	2	59	47	FOBS=	36.3	SIGMA=	7.9	PHAS=	63.6	FOM=	0.52	TEST=	0
INDE	2	59	49	FOBS=	0.0	SIGMA=	25.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	60	2	FOBS=	129.7	SIGMA=	1.7	PHAS=	-36.4	FOM=	0.90	TEST=	0
INDE	2	60	4	FOBS=	70.2	SIGMA=	1.8	PHAS=	-34.8	FOM=	0.50	TEST=	1
INDE	2	60	6	FOBS=	90.3	SIGMA=	2.1	PHAS=	145.3	FOM=	0.42	TEST=	0
INDE	2	60	18	FOBS=	21.6	SIGMA=	12.4	PHAS=	30.3	FOM=	0.35	TEST=	0
INDE	2	60	20	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	60	22	FOBS=	111.7	SIGMA=	2.0	PHAS=	-47.6	FOM=	0.83	TEST=	0
INDE	2	60	24	FOBS=	25.0	SIGMA=	9.7	PHAS=	-52.2	FOM=	0.12	TEST=	0
INDE	2	60	26	FOBS=	62.1	SIGMA=	3.7	PHAS=	-30.5	FOM=	0.87	TEST=	0
INDE	2	60	28	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	60	30	FOBS=	45.7	SIGMA=	6.1	PHAS=	-122.9	FOM=	0.10	TEST=	1
INDE	2	60	32	FOBS=	76.3	SIGMA=	3.7	PHAS=	-78.5	FOM=	0.83	TEST=	0
INDE	2	60	34	FOBS=	31.9	SIGMA=	10.6	PHAS=	-52.5	FOM=	0.65	TEST=	0
INDE	2	60	36	FOBS=	46.8	SIGMA=	5.2	PHAS=	166.5	FOM=	0.60	TEST=	0
INDE	2	60	38	FOBS=	38.8	SIGMA=	6.2	PHAS=	104.2	FOM=	0.69	TEST=	0
INDE	2	60	40	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	60	42	FOBS=	13.4	SIGMA=	17.7	PHAS=	-107.0	FOM=	0.12	TEST=	0
INDE	2	60	44	FOBS=	64.3	SIGMA=	3.0	PHAS=	52.8	FOM=	0.85	TEST=	0
INDE	2	60	46	FOBS=	102.0	SIGMA=	3.0	PHAS=	-72.6	FOM=	0.89	TEST=	0
INDE	2	60	48	FOBS=	45.6	SIGMA=	7.4	PHAS=	-56.8	FOM=	0.48	TEST=	0
INDE	2	61	3	FOBS=	192.9	SIGMA=	1.2	PHAS=	-92.5	FOM=	0.93	TEST=	0
INDE	2	61	5	FOBS=	32.5	SIGMA=	4.0	PHAS=	70.1	FOM=	0.53	TEST=	0
INDE	2	61	17	FOBS=	21.0	SIGMA=	12.3	PHAS=	-133.6	FOM=	0.53	TEST=	0
INDE	2	61	19	FOBS=	30.1	SIGMA=	6.6	PHAS=	154.6	FOM=	0.45	TEST=	0
INDE	2	61	21	FOBS=	68.0	SIGMA=	3.1	PHAS=	10.9	FOM=	0.12	TEST=	1
INDE	2	61	23	FOBS=	106.3	SIGMA=	2.1	PHAS=	166.2	FOM=	0.94	TEST=	0
INDE	2	61	25	FOBS=	142.8	SIGMA=	1.7	PHAS=	174.3	FOM=	0.95	TEST=	0
INDE	2	61	27	FOBS=	51.6	SIGMA=	4.5	PHAS=	-179.8	FOM=	0.77	TEST=	0
INDE	2	61	29	FOBS=	17.1	SIGMA=	15.3	PHAS=	-61.2	FOM=	0.26	TEST=	0
INDE	2	61	31	FOBS=	83.1	SIGMA=	3.5	PHAS=	157.3	FOM=	0.90	TEST=	0
INDE	2	61	33	FOBS=	79.6	SIGMA=	3.6	PHAS=	-80.5	FOM=	0.86	TEST=	0
INDE	2	61	35	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	2	61	37	FOBS=	95.2	SIGMA=	2.6	PHAS=	37.3	FOM=	0.91	TEST=	0
INDE	2	61	39	FOBS=	19.1	SIGMA=	12.5	PHAS=	-108.9	FOM=	0.16	TEST=	0
INDE	2	61	41	FOBS=	36.5	SIGMA=	7.6	PHAS=	-157.5	FOM=	0.69	TEST=	0
INDE	2	61	43	FOBS=	37.8	SIGMA=	5.5	PHAS=	-31.7	FOM=	0.14	TEST=	1
INDE	2	61	45	FOBS=	32.5	SIGMA=	10.7	PHAS=	-126.1	FOM=	0.53	TEST=	0
INDE	2	61	47	FOBS=	60.4	SIGMA=	5.7	PHAS=	127.5	FOM=	0.83	TEST=	0
INDE	2	62	2	FOBS=	126.0	SIGMA=	2.6	PHAS=	-146.3	FOM=	0.87	TEST=	0
INDE	2	62	4	FOBS=	133.8	SIGMA=	1.5	PHAS=	171.4	FOM=	0.95	TEST=	0
INDE	2	62	6	FOBS=	39.3	SIGMA=	7.0	PHAS=	-173.4	FOM=	0.51	TEST=	0
INDE	2	62	16	FOBS=	90.7	SIGMA=	5.4	PHAS=	-62.3	FOM=	0.77	TEST=	0
INDE	2	62	18	FOBS=	88.7	SIGMA=	2.7	PHAS=	41.8	FOM=	0.92	TEST=	0
INDE	2	62	20	FOBS=	38.2	SIGMA=	5.3	PHAS=	48.7	FOM=	0.91	TEST=	0
INDE	2	62	22	FOBS=	115.4	SIGMA=	1.9	PHAS=	54.1	FOM=	0.91	TEST=	0
INDE	2	62	24	FOBS=	154.4	SIGMA=	1.5	PHAS=	104.0	FOM=	0.97	TEST=	0
INDE	2	62	26	FOBS=	117.2	SIGMA=	2.0	PHAS=	38.9	FOM=	0.94	TEST=	0
INDE	2	62	28	FOBS=	63.1	SIGMA=	3.8	PHAS=	-91.6	FOM=	0.39	TEST=	0
INDE	2	62	30	FOBS=	110.8	SIGMA=	2.2	PHAS=	-78.5	FOM=	0.11	TEST=	1
INDE	2	62	32	FOBS=	73.8	SIGMA=	3.9	PHAS=	14.3	FOM=	0.31	TEST=	1
INDE	2	62	34	FOBS=	30.9	SIGMA=	7.8	PHAS=	-26.4	FOM=	0.63	TEST=	0
INDE	2	62	36	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	62	38	FOBS=	48.2	SIGMA=	5.1	PHAS=	-45.9	FOM=	0.23	TEST=	0
INDE	2	62	40	FOBS=	62.4	SIGMA=	4.0	PHAS=	136.1	FOM=	0.82	TEST=	0
INDE	2	62	42	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	2	62	44	FOBS=	95.8	SIGMA=	3.8	PHAS=	76.8	FOM=	0.45	TEST=	1
INDE	2	62	46	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	63	3	FOBS=	70.9	SIGMA=	4.3	PHAS=	58.8	FOM=	0.77	TEST=	0
INDE	2	63	5	FOBS=	99.9	SIGMA=	1.9	PHAS=	73.5	FOM=	0.93	TEST=	0
INDE	2	63	15	FOBS=	0.0	SIGMA=	30.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	63	17	FOBS=	113.6	SIGMA=	3.2	PHAS=	-41.3	FOM=	0.86	TEST=	0
INDE	2	63	19	FOBS=	18.9	SIGMA=	10.1	PHAS=	-6.0	FOM=	0.54	TEST=	0
INDE	2	63	21	FOBS=	78.9	SIGMA=	2.7	PHAS=	156.5	FOM=	0.63	TEST=	0
INDE	2	63	23	FOBS=	31.0	SIGMA=	6.9	PHAS=	-89.8	FOM=	0.49	TEST=	0
INDE	2	63	25	FOBS=	55.3	SIGMA=	4.0	PHAS=	-8.4	FOM=	0.81	TEST=	0
INDE	2	63	27	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	63	29	FOBS=	52.5	SIGMA=	4.6	PHAS=	-7.6	FOM=	0.63	TEST=	0
INDE	2	63	31	FOBS=	106.1	SIGMA=	2.3	PHAS=	-74.6	FOM=	0.89	TEST=	0
INDE	2	63	33	FOBS=	27.8	SIGMA=	8.8	PHAS=	73.2	FOM=	0.11	TEST=	0
INDE	2	63	35	FOBS=	67.2	SIGMA=	3.3	PHAS=	-88.8	FOM=	0.73	TEST=	0
INDE	2	63	37	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	63	39	FOBS=	69.2	SIGMA=	3.6	PHAS=	-9.5	FOM=	0.86	TEST=	0
INDE	2	63	41	FOBS=	14.0	SIGMA=	17.6	PHAS=	-113.8	FOM=	0.08	TEST=	0
INDE	2	63	43	FOBS=	83.8	SIGMA=	3.1	PHAS=	39.9	FOM=	0.89	TEST=	0
INDE	2	63	45	FOBS=	66.4	SIGMA=	5.4	PHAS=	-16.1	FOM=	0.81	TEST=	0
INDE	2	64	2	FOBS=	69.3	SIGMA=	4.4	PHAS=	-178.7	FOM=	0.38	TEST=	0
INDE	2	64	4	FOBS=	67.3	SIGMA=	4.7	PHAS=	83.8	FOM=	0.45	TEST=	0
INDE	2	64	6	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	2	64	14	FOBS=	15.7	SIGMA=	31.0	PHAS=	-123.2	FOM=	0.13	TEST=	0
INDE	2	64	16	FOBS=	134.2	SIGMA=	2.8	PHAS=	154.9	FOM=	0.01	TEST=	1
INDE	2	64	18	FOBS=	67.1	SIGMA=	5.3	PHAS=	84.6	FOM=	0.27	TEST=	1
INDE	2	64	20	FOBS=	50.5	SIGMA=	3.9	PHAS=	65.7	FOM=	0.70	TEST=	0
INDE	2	64	22	FOBS=	24.1	SIGMA=	8.7	PHAS=	25.2	FOM=	0.50	TEST=	0
INDE	2	64	24	FOBS=	45.9	SIGMA=	4.8	PHAS=	178.9	FOM=	0.56	TEST=	0
INDE	2	64	26	FOBS=	31.1	SIGMA=	7.1	PHAS=	-59.4	FOM=	0.37	TEST=	0
INDE	2	64	28	FOBS=	75.7	SIGMA=	3.7	PHAS=	107.9	FOM=	0.47	TEST=	1
INDE	2	64	30	FOBS=	27.8	SIGMA=	8.7	PHAS=	106.3	FOM=	0.47	TEST=	0
INDE	2	64	32	FOBS=	51.2	SIGMA=	4.7	PHAS=	-4.5	FOM=	0.78	TEST=	0
INDE	2	64	34	FOBS=	53.5	SIGMA=	4.2	PHAS=	-89.5	FOM=	0.02	TEST=	1
INDE	2	64	36	FOBS=	34.3	SIGMA=	6.5	PHAS=	124.5	FOM=	0.47	TEST=	0
INDE	2	64	38	FOBS=	30.8	SIGMA=	9.2	PHAS=	-122.2	FOM=	0.51	TEST=	0
INDE	2	64	40	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	2	64	42	FOBS=	88.8	SIGMA=	2.9	PHAS=	-80.5	FOM=	0.89	TEST=	0
INDE	2	64	44	FOBS=	61.1	SIGMA=	5.9	PHAS=	-59.3	FOM=	0.72	TEST=	0
INDE	2	65	5	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	65	7	FOBS=	39.4	SIGMA=	7.1	PHAS=	33.9	FOM=	0.25	TEST=	0
INDE	2	65	13	FOBS=	35.1	SIGMA=	14.0	PHAS=	-178.4	FOM=	0.05	TEST=	0
INDE	2	65	15	FOBS=	119.9	SIGMA=	3.1	PHAS=	104.2	FOM=	0.10	TEST=	1
INDE	2	65	17	FOBS=	57.3	SIGMA=	6.2	PHAS=	-119.2	FOM=	0.43	TEST=	0
INDE	2	65	19	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	65	21	FOBS=	31.4	SIGMA=	6.4	PHAS=	48.0	FOM=	0.29	TEST=	0
INDE	2	65	23	FOBS=	31.0	SIGMA=	6.9	PHAS=	138.5	FOM=	0.24	TEST=	1
INDE	2	65	25	FOBS=	59.2	SIGMA=	3.8	PHAS=	102.8	FOM=	0.30	TEST=	0
INDE	2	65	27	FOBS=	44.5	SIGMA=	5.1	PHAS=	44.5	FOM=	0.72	TEST=	0
INDE	2	65	29	FOBS=	47.0	SIGMA=	5.8	PHAS=	-159.2	FOM=	0.21	TEST=	1
INDE	2	65	31	FOBS=	93.8	SIGMA=	2.7	PHAS=	-41.1	FOM=	0.93	TEST=	0
INDE	2	65	33	FOBS=	87.0	SIGMA=	2.6	PHAS=	16.4	FOM=	0.87	TEST=	0
INDE	2	65	35	FOBS=	3.9	SIGMA=	57.6	PHAS=	-8.0	FOM=	0.03	TEST=	0
INDE	2	65	37	FOBS=	53.7	SIGMA=	4.2	PHAS=	89.5	FOM=	0.85	TEST=	0
INDE	2	65	39	FOBS=	70.3	SIGMA=	3.3	PHAS=	-178.7	FOM=	0.75	TEST=	0
INDE	2	65	41	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	66	2	FOBS=	117.1	SIGMA=	2.7	PHAS=	141.2	FOM=	0.92	TEST=	0
INDE	2	66	4	FOBS=	29.1	SIGMA=	10.1	PHAS=	151.4	FOM=	0.57	TEST=	0
INDE	2	66	6	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	66	12	FOBS=	111.7	SIGMA=	4.6	PHAS=	-120.4	FOM=	0.86	TEST=	0
INDE	2	66	14	FOBS=	70.0	SIGMA=	7.1	PHAS=	-33.2	FOM=	0.54	TEST=	0
INDE	2	66	16	FOBS=	74.1	SIGMA=	4.8	PHAS=	76.8	FOM=	0.73	TEST=	0
INDE	2	66	18	FOBS=	104.6	SIGMA=	3.5	PHAS=	106.8	FOM=	0.28	TEST=	1
INDE	2	66	20	FOBS=	17.5	SIGMA=	13.2	PHAS=	172.9	FOM=	0.11	TEST=	0
INDE	2	66	22	FOBS=	66.3	SIGMA=	3.1	PHAS=	-119.4	FOM=	0.63	TEST=	1
INDE	2	66	24	FOBS=	46.9	SIGMA=	4.6	PHAS=	135.7	FOM=	0.55	TEST=	0
INDE	2	66	26	FOBS=	17.9	SIGMA=	12.6	PHAS=	-131.1	FOM=	0.29	TEST=	0
INDE	2	66	28	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	66	30	FOBS=	50.0	SIGMA=	5.6	PHAS=	1.3	FOM=	0.84	TEST=	0
INDE	2	66	32	FOBS=	21.7	SIGMA=	10.2	PHAS=	-79.0	FOM=	0.49	TEST=	0

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FIG. 12A - 76

INDE	2	72	6	FOBS=	52.4	SIGMA=	5.6	PHAS=	-117.1	FOM=	0.49	TEST=	0
INDE	2	72	8	FOBS=	53.6	SIGMA=	3.5	PHAS=	-56.6	FOM=	0.88	TEST=	0
INDE	2	72	24	FOBS=	22.3	SIGMA=	11.5	PHAS=	139.8	FOM=	0.32	TEST=	0
INDE	2	72	26	FOBS=	48.0	SIGMA=	5.9	PHAS=	-97.6	FOM=	0.77	TEST=	0
INDE	2	72	28	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	2	73	7	FOBS=	34.9	SIGMA=	9.0	PHAS=	-116.1	FOM=	0.77	TEST=	0
INDE	2	73	9	FOBS=	20.7	SIGMA=	9.4	PHAS=	178.7	FOM=	0.31	TEST=	0
INDE	2	73	25	FOBS=	22.4	SIGMA=	11.9	PHAS=	49.6	FOM=	0.20	TEST=	0
INDE	2	74	4	FOBS=	25.9	SIGMA=	11.7	PHAS=	-130.7	FOM=	0.45	TEST=	0
INDE	2	74	6	FOBS=	66.7	SIGMA=	4.5	PHAS=	-143.4	FOM=	0.76	TEST=	0
INDE	2	74	8	FOBS=	38.5	SIGMA=	6.3	PHAS=	150.4	FOM=	0.71	TEST=	0
INDE	2	74	10	FOBS=	29.2	SIGMA=	9.8	PHAS=	129.0	FOM=	0.62	TEST=	0
INDE	2	75	7	FOBS=	76.8	SIGMA=	3.9	PHAS=	-108.9	FOM=	0.92	TEST=	0
INDE	2	75	9	FOBS=	27.1	SIGMA=	6.9	PHAS=	66.8	FOM=	0.57	TEST=	0
INDE	2	75	11	FOBS=	37.1	SIGMA=	7.6	PHAS=	6.2	FOM=	0.56	TEST=	0
INDE	2	76	6	FOBS=	39.1	SIGMA=	8.0	PHAS=	-151.1	FOM=	0.87	TEST=	0
INDE	2	76	8	FOBS=	36.9	SIGMA=	8.8	PHAS=	136.9	FOM=	0.61	TEST=	0
INDE	2	76	10	FOBS=	27.9	SIGMA=	7.3	PHAS=	-107.7	FOM=	0.47	TEST=	0
INDE	2	77	7	FOBS=	104.5	SIGMA=	3.1	PHAS=	127.1	FOM=	0.85	TEST=	0
INDE	2	77	9	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	3	4	19	FOBS=	187.0	SIGMA=	0.5	PHAS=	-175.0	FOM=	0.92	TEST=	0
INDE	3	4	21	FOBS=	348.1	SIGMA=	0.6	PHAS=	128.6	FOM=	0.93	TEST=	0
INDE	3	4	23	FOBS=	170.0	SIGMA=	0.7	PHAS=	121.4	FOM=	0.29	TEST=	1
INDE	3	4	25	FOBS=	69.3	SIGMA=	1.5	PHAS=	-103.5	FOM=	0.92	TEST=	0
INDE	3	4	27	FOBS=	18.3	SIGMA=	5.7	PHAS=	18.0	FOM=	0.48	TEST=	0
INDE	3	4	29	FOBS=	231.3	SIGMA=	0.7	PHAS=	-171.0	FOM=	0.98	TEST=	0
INDE	3	4	31	FOBS=	90.0	SIGMA=	1.4	PHAS=	144.4	FOM=	0.98	TEST=	0
INDE	3	4	33	FOBS=	148.0	SIGMA=	1.0	PHAS=	-62.5	FOM=	0.96	TEST=	0
INDE	3	4	35	FOBS=	179.7	SIGMA=	0.9	PHAS=	48.3	FOM=	0.45	TEST=	0
INDE	3	4	37	FOBS=	237.6	SIGMA=	0.8	PHAS=	-72.8	FOM=	0.98	TEST=	0
INDE	3	4	39	FOBS=	71.6	SIGMA=	2.4	PHAS=	27.1	FOM=	0.89	TEST=	0
INDE	3	4	41	FOBS=	360.4	SIGMA=	0.7	PHAS=	-7.7	FOM=	0.97	TEST=	0
INDE	3	4	43	FOBS=	217.7	SIGMA=	1.1	PHAS=	32.3	FOM=	0.96	TEST=	0
INDE	3	4	45	FOBS=	227.4	SIGMA=	0.7	PHAS=	-104.3	FOM=	0.97	TEST=	0
INDE	3	4	47	FOBS=	259.0	SIGMA=	0.7	PHAS=	-74.9	FOM=	0.96	TEST=	0
INDE	3	4	49	FOBS=	43.5	SIGMA=	3.7	PHAS=	-124.3	FOM=	0.91	TEST=	0
INDE	3	4	51	FOBS=	188.9	SIGMA=	1.5	PHAS=	148.2	FOM=	0.98	TEST=	0
INDE	3	4	53	FOBS=	104.1	SIGMA=	2.5	PHAS=	152.9	FOM=	0.84	TEST=	0
INDE	3	4	55	FOBS=	129.2	SIGMA=	1.4	PHAS=	-113.3	FOM=	0.91	TEST=	1
INDE	3	4	57	FOBS=	58.0	SIGMA=	3.4	PHAS=	143.4	FOM=	0.23	TEST=	0
INDE	3	4	59	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	4	61	FOBS=	150.7	SIGMA=	1.5	PHAS=	-79.5	FOM=	0.95	TEST=	0
INDE	3	4	63	FOBS=	98.0	SIGMA=	2.3	PHAS=	-12.4	FOM=	0.36	TEST=	0
INDE	3	4	65	FOBS=	48.7	SIGMA=	4.9	PHAS=	92.4	FOM=	0.23	TEST=	0
INDE	3	4	67	FOBS=	182.8	SIGMA=	1.9	PHAS=	-15.1	FOM=	0.95	TEST=	0
INDE	3	4	69	FOBS=	114.8	SIGMA=	3.0	PHAS=	8.9	FOM=	0.95	TEST=	0
INDE	3	4	73	FOBS=	42.4	SIGMA=	7.9	PHAS=	111.3	FOM=	0.47	TEST=	0
INDE	3	4	75	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	5	18	FOBS=	188.2	SIGMA=	0.5	PHAS=	42.1	FOM=	0.66	TEST=	0
INDE	3	5	20	FOBS=	175.2	SIGMA=	0.6	PHAS=	37.8	FOM=	0.92	TEST=	0
INDE	3	5	22	FOBS=	308.4	SIGMA=	0.6	PHAS=	25.1	FOM=	0.92	TEST=	0
INDE	3	5	24	FOBS=	205.5	SIGMA=	0.5	PHAS=	-172.1	FOM=	0.32	TEST=	1
INDE	3	5	26	FOBS=	128.1	SIGMA=	0.7	PHAS=	33.9	FOM=	0.99	TEST=	0
INDE	3	5	28	FOBS=	121.5	SIGMA=	0.8	PHAS=	-73.4	FOM=	0.81	TEST=	0
INDE	3	5	30	FOBS=	119.2	SIGMA=	0.9	PHAS=	133.4	FOM=	0.93	TEST=	0
INDE	3	5	32	FOBS=	158.5	SIGMA=	0.8	PHAS=	-176.2	FOM=	0.98	TEST=	0
INDE	3	5	34	FOBS=	157.7	SIGMA=	1.5	PHAS=	-61.1	FOM=	0.95	TEST=	0
INDE	3	5	36	FOBS=	99.3	SIGMA=	1.4	PHAS=	-32.6	FOM=	0.95	TEST=	0
INDE	3	5	38	FOBS=	194.4	SIGMA=	1.0	PHAS=	90.2	FOM=	0.92	TEST=	0
INDE	3	5	40	FOBS=	431.0	SIGMA=	0.6	PHAS=	-76.3	FOM=	0.89	TEST=	1
INDE	3	5	42	FOBS=	312.0	SIGMA=	1.0	PHAS=	-122.7	FOM=	0.96	TEST=	0
INDE	3	5	44	FOBS=	106.9	SIGMA=	1.9	PHAS=	-97.4	FOM=	0.98	TEST=	0
INDE	3	5	46	FOBS=	123.2	SIGMA=	1.7	PHAS=	166.0	FOM=	0.75	TEST=	0
INDE	3	5	48	FOBS=	148.7	SIGMA=	1.6	PHAS=	121.3	FOM=	0.98	TEST=	0
INDE	3	5	50	FOBS=	190.0	SIGMA=	1.2	PHAS=	25.5	FOM=	0.95	TEST=	0
INDE	3	5	52	FOBS=	59.9	SIGMA=	3.4	PHAS=	-43.9	FOM=	0.47	TEST=	0
INDE	3	5	54	FOBS=	103.0	SIGMA=	1.7	PHAS=	64.1	FOM=	0.74	TEST=	0
INDE	3	5	56	FOBS=	78.0	SIGMA=	1.9	PHAS=	-157.5	FOM=	0.96	TEST=	0
INDE	3	5	58	FOBS=	16.3	SIGMA=	9.9	PHAS=	13.4	FOM=	0.46	TEST=	0
INDE	3	5	60	FOBS=	79.3	SIGMA=	1.9	PHAS=	-179.8	FOM=	0.92	TEST=	0

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INDE	3	5	62	FOBS=	59.3	SIGMA=	3.2	PHAS=	-104.7	FOM=	0.83	TEST=	0
INDE	3	5	64	FOBS=	43.8	SIGMA=	4.7	PHAS=	-108.4	FOM=	0.17	TEST=	1
INDE	3	5	66	FOBS=	80.2	SIGMA=	3.6	PHAS=	-55.6	FOM=	0.93	TEST=	0
INDE	3	5	68	FOBS=	95.8	SIGMA=	3.6	PHAS=	-59.6	FOM=	0.94	TEST=	0
INDE	3	5	70	FOBS=	0.0	SIGMA=	25.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	5	72	FOBS=	67.1	SIGMA=	5.0	PHAS=	-169.5	FOM=	0.84	TEST=	0
INDE	3	5	74	FOBS=	34.4	SIGMA=	9.9	PHAS=	53.4	FOM=	0.57	TEST=	0
INDE	3	5	76	FOBS=	71.5	SIGMA=	5.1	PHAS=	-69.4	FOM=	0.82	TEST=	0
INDE	3	6	17	FOBS=	436.3	SIGMA=	0.4	PHAS=	56.6	FOM=	0.93	TEST=	0
INDE	3	6	19	FOBS=	341.5	SIGMA=	0.5	PHAS=	-54.9	FOM=	0.95	TEST=	0
INDE	3	6	21	FOBS=	207.3	SIGMA=	0.6	PHAS=	-105.9	FOM=	0.83	TEST=	0
INDE	3	6	23	FOBS=	308.0	SIGMA=	0.6	PHAS=	-75.6	FOM=	0.97	TEST=	0
INDE	3	6	25	FOBS=	179.8	SIGMA=	0.6	PHAS=	-106.9	FOM=	0.92	TEST=	0
INDE	3	6	27	FOBS=	132.7	SIGMA=	0.7	PHAS=	-141.5	FOM=	0.97	TEST=	0
INDE	3	6	29	FOBS=	70.7	SIGMA=	1.3	PHAS=	76.9	FOM=	0.98	TEST=	0
INDE	3	6	31	FOBS=	189.9	SIGMA=	0.6	PHAS=	86.5	FOM=	0.92	TEST=	0
INDE	3	6	33	FOBS=	122.9	SIGMA=	0.9	PHAS=	155.6	FOM=	0.93	TEST=	1
INDE	3	6	35	FOBS=	138.2	SIGMA=	0.9	PHAS=	-109.1	FOM=	0.83	TEST=	0
INDE	3	6	37	FOBS=	408.6	SIGMA=	0.8	PHAS=	-61.0	FOM=	0.97	TEST=	0
INDE	3	6	39	FOBS=	178.9	SIGMA=	0.9	PHAS=	-50.2	FOM=	0.96	TEST=	0
INDE	3	6	41	FOBS=	209.4	SIGMA=	1.0	PHAS=	-127.5	FOM=	0.86	TEST=	0
INDE	3	6	43	FOBS=	26.0	SIGMA=	5.9	PHAS=	166.0	FOM=	0.31	TEST=	0
INDE	3	6	45	FOBS=	112.0	SIGMA=	1.6	PHAS=	175.4	FOM=	0.88	TEST=	0
INDE	3	6	47	FOBS=	81.6	SIGMA=	2.3	PHAS=	150.6	FOM=	0.86	TEST=	0
INDE	3	6	49	FOBS=	97.0	SIGMA=	2.1	PHAS=	-59.3	FOM=	0.94	TEST=	0
INDE	3	6	51	FOBS=	55.8	SIGMA=	3.4	PHAS=	-89.7	FOM=	0.30	TEST=	0
INDE	3	6	53	FOBS=	52.5	SIGMA=	3.5	PHAS=	90.2	FOM=	0.79	TEST=	0
INDE	3	6	55	FOBS=	42.8	SIGMA=	3.9	PHAS=	-133.8	FOM=	0.59	TEST=	0
INDE	3	6	57	FOBS=	135.9	SIGMA=	1.3	PHAS=	95.9	FOM=	0.76	TEST=	0
INDE	3	6	59	FOBS=	97.0	SIGMA=	1.6	PHAS=	-16.2	FOM=	0.84	TEST=	0
INDE	3	6	61	FOBS=	85.1	SIGMA=	1.8	PHAS=	146.1	FOM=	0.78	TEST=	0
INDE	3	6	63	FOBS=	55.1	SIGMA=	3.5	PHAS=	93.4	FOM=	0.85	TEST=	0
INDE	3	6	65	FOBS=	78.9	SIGMA=	3.3	PHAS=	175.0	FOM=	0.68	TEST=	0
INDE	3	6	67	FOBS=	57.0	SIGMA=	6.3	PHAS=	-129.4	FOM=	0.86	TEST=	0
INDE	3	6	69	FOBS=	77.0	SIGMA=	4.6	PHAS=	-25.8	FOM=	0.83	TEST=	0
INDE	3	6	71	FOBS=	68.5	SIGMA=	5.1	PHAS=	63.8	FOM=	0.89	TEST=	0
INDE	3	6	73	FOBS=	20.0	SIGMA=	17.5	PHAS=	145.2	FOM=	0.24	TEST=	0
INDE	3	6	75	FOBS=	107.3	SIGMA=	3.5	PHAS=	-67.2	FOM=	0.90	TEST=	0
INDE	3	6	77	FOBS=	108.4	SIGMA=	3.5	PHAS=	-167.3	FOM=	0.94	TEST=	0
INDE	3	7	18	FOBS=	415.3	SIGMA=	0.4	PHAS=	-147.4	FOM=	0.93	TEST=	1
INDE	3	7	20	FOBS=	348.5	SIGMA=	0.5	PHAS=	-148.0	FOM=	0.97	TEST=	0
INDE	3	7	22	FOBS=	153.8	SIGMA=	0.5	PHAS=	-178.3	FOM=	0.96	TEST=	0
INDE	3	7	24	FOBS=	311.4	SIGMA=	0.5	PHAS=	164.6	FOM=	0.97	TEST=	0
INDE	3	7	26	FOBS=	37.6	SIGMA=	2.2	PHAS=	-128.9	FOM=	0.90	TEST=	0
INDE	3	7	28	FOBS=	200.1	SIGMA=	0.6	PHAS=	-12.8	FOM=	0.99	TEST=	0
INDE	3	7	30	FOBS=	56.1	SIGMA=	1.7	PHAS=	16.6	FOM=	0.99	TEST=	0
INDE	3	7	32	FOBS=	149.7	SIGMA=	0.8	PHAS=	27.8	FOM=	0.96	TEST=	0
INDE	3	7	34	FOBS=	337.7	SIGMA=	0.8	PHAS=	28.1	FOM=	0.97	TEST=	0
INDE	3	7	36	FOBS=	200.0	SIGMA=	0.8	PHAS=	144.8	FOM=	0.90	TEST=	0
INDE	3	7	38	FOBS=	334.9	SIGMA=	0.9	PHAS=	-47.4	FOM=	0.99	TEST=	0
INDE	3	7	40	FOBS=	124.9	SIGMA=	1.3	PHAS=	63.0	FOM=	0.66	TEST=	0
INDE	3	7	42	FOBS=	69.8	SIGMA=	2.2	PHAS=	-106.9	FOM=	0.90	TEST=	0
INDE	3	7	44	FOBS=	111.9	SIGMA=	1.5	PHAS=	137.4	FOM=	0.67	TEST=	0
INDE	3	7	46	FOBS=	224.6	SIGMA=	0.9	PHAS=	73.8	FOM=	0.92	TEST=	0
INDE	3	7	48	FOBS=	86.3	SIGMA=	2.3	PHAS=	-178.4	FOM=	0.07	TEST=	0
INDE	3	7	50	FOBS=	91.9	SIGMA=	2.2	PHAS=	163.0	FOM=	0.55	TEST=	0
INDE	3	7	52	FOBS=	82.2	SIGMA=	2.3	PHAS=	-73.9	FOM=	0.77	TEST=	1
INDE	3	7	54	FOBS=	60.9	SIGMA=	3.1	PHAS=	-4.5	FOM=	0.34	TEST=	0
INDE	3	7	56	FOBS=	38.3	SIGMA=	4.3	PHAS=	79.1	FOM=	0.67	TEST=	0
INDE	3	7	58	FOBS=	39.2	SIGMA=	3.8	PHAS=	-178.0	FOM=	0.61	TEST=	0
INDE	3	7	60	FOBS=	144.8	SIGMA=	1.1	PHAS=	-32.7	FOM=	0.87	TEST=	0
INDE	3	7	62	FOBS=	92.9	SIGMA=	1.7	PHAS=	-1.2	FOM=	0.91	TEST=	0
INDE	3	7	64	FOBS=	65.5	SIGMA=	2.8	PHAS=	75.6	FOM=	0.82	TEST=	0
INDE	3	7	66	FOBS=	168.4	SIGMA=	1.5	PHAS=	79.3	FOM=	0.96	TEST=	0
INDE	3	7	68	FOBS=	72.6	SIGMA=	5.1	PHAS=	158.6	FOM=	0.92	TEST=	0
INDE	3	7	70	FOBS=	115.2	SIGMA=	3.2	PHAS=	-7.9	FOM=	0.95	TEST=	0
INDE	3	7	72	FOBS=	0.0	SIGMA=	26.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	3	7	74	FOBS=	65.9	SIGMA=	5.6	PHAS=	161.9	FOM=	0.87	TEST=	0
INDE	3	7	76	FOBS=	84.3	SIGMA=	4.5	PHAS=	136.6	FOM=	0.91	TEST=	0
INDE	3	8	17	FOBS=	438.4	SIGMA=	0.4	PHAS=	-63.0	FOM=	0.87	TEST=	1

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INDE	3	8	19	FOBS=	335.4	SIGMA=	0.3	PHAS=	138.7	FOM=	0.96	TEST=	0
INDE	3	8	21	FOBS=	329.0	SIGMA=	0.5	PHAS=	115.7	FOM=	0.96	TEST=	0
INDE	3	8	23	FOBS=	121.3	SIGMA=	0.6	PHAS=	-11.9	FOM=	0.97	TEST=	0
INDE	3	8	25	FOBS=	33.7	SIGMA=	2.6	PHAS=	77.2	FOM=	0.89	TEST=	0
INDE	3	8	27	FOBS=	130.8	SIGMA=	0.8	PHAS=	-133.2	FOM=	0.97	TEST=	0
INDE	3	8	29	FOBS=	60.0	SIGMA=	1.6	PHAS=	41.1	FOM=	0.52	TEST=	0
INDE	3	8	31	FOBS=	77.2	SIGMA=	1.3	PHAS=	-46.0	FOM=	0.98	TEST=	0
INDE	3	8	33	FOBS=	97.2	SIGMA=	1.1	PHAS=	-27.2	FOM=	0.97	TEST=	0
INDE	3	8	35	FOBS=	238.2	SIGMA=	1.0	PHAS=	-43.8	FOM=	0.95	TEST=	0
INDE	3	8	37	FOBS=	369.9	SIGMA=	1.1	PHAS=	-16.8	FOM=	0.98	TEST=	0
INDE	3	8	39	FOBS=	88.3	SIGMA=	1.7	PHAS=	-25.0	FOM=	0.89	TEST=	0
INDE	3	8	41	FOBS=	153.9	SIGMA=	1.3	PHAS=	-43.6	FOM=	0.92	TEST=	0
INDE	3	8	43	FOBS=	161.5	SIGMA=	1.1	PHAS=	-83.7	FOM=	0.89	TEST=	0
INDE	3	8	45	FOBS=	299.0	SIGMA=	1.1	PHAS=	-2.5	FOM=	0.97	TEST=	0
INDE	3	8	47	FOBS=	147.3	SIGMA=	1.4	PHAS=	65.2	FOM=	0.89	TEST=	0
INDE	3	8	49	FOBS=	60.8	SIGMA=	3.3	PHAS=	-161.0	FOM=	0.38	TEST=	0
INDE	3	8	51	FOBS=	74.3	SIGMA=	2.6	PHAS=	4.5	FOM=	0.94	TEST=	0
INDE	3	8	53	FOBS=	56.7	SIGMA=	3.4	PHAS=	145.1	FOM=	0.53	TEST=	0
INDE	3	8	55	FOBS=	50.6	SIGMA=	3.7	PHAS=	-57.0	FOM=	0.92	TEST=	0
INDE	3	8	57	FOBS=	78.1	SIGMA=	2.0	PHAS=	-160.8	FOM=	0.54	TEST=	0
INDE	3	8	59	FOBS=	147.3	SIGMA=	1.1	PHAS=	-86.7	FOM=	0.96	TEST=	0
INDE	3	8	61	FOBS=	94.3	SIGMA=	1.6	PHAS=	163.5	FOM=	0.91	TEST=	0
INDE	3	8	63	FOBS=	72.0	SIGMA=	2.8	PHAS=	58.9	FOM=	0.78	TEST=	1
INDE	3	8	65	FOBS=	140.2	SIGMA=	1.6	PHAS=	8.1	FOM=	0.94	TEST=	0
INDE	3	8	67	FOBS=	159.9	SIGMA=	1.8	PHAS=	22.4	FOM=	0.98	TEST=	0
INDE	3	8	69	FOBS=	54.3	SIGMA=	7.0	PHAS=	-88.1	FOM=	0.65	TEST=	0
INDE	3	8	71	FOBS=	10.0	SIGMA=	37.8	PHAS=	144.0	FOM=	0.04	TEST=	0
INDE	3	8	73	FOBS=	67.9	SIGMA=	5.5	PHAS=	11.4	FOM=	0.87	TEST=	0
INDE	3	8	75	FOBS=	19.2	SIGMA=	20.0	PHAS=	12.2	FOM=	0.63	TEST=	0
INDE	3	8	77	FOBS=	65.4	SIGMA=	6.0	PHAS=	70.9	FOM=	0.37	TEST=	0
INDE	3	9	16	FOBS=	247.9	SIGMA=	0.3	PHAS=	165.8	FOM=	0.91	TEST=	0
INDE	3	9	18	FOBS=	175.4	SIGMA=	0.4	PHAS=	112.4	FOM=	0.82	TEST=	0
INDE	3	9	20	FOBS=	263.1	SIGMA=	0.4	PHAS=	63.9	FOM=	0.88	TEST=	0
INDE	3	9	22	FOBS=	88.8	SIGMA=	0.6	PHAS=	96.2	FOM=	0.95	TEST=	1
INDE	3	9	24	FOBS=	211.6	SIGMA=	0.4	PHAS=	-122.2	FOM=	0.96	TEST=	0
INDE	3	9	26	FOBS=	5.5	SIGMA=	13.6	PHAS=	-169.6	FOM=	0.51	TEST=	0
INDE	3	9	28	FOBS=	135.4	SIGMA=	0.8	PHAS=	-18.0	FOM=	0.99	TEST=	0
INDE	3	9	30	FOBS=	28.7	SIGMA=	3.3	PHAS=	-92.1	FOM=	0.48	TEST=	0
INDE	3	9	32	FOBS=	327.0	SIGMA=	0.7	PHAS=	26.6	FOM=	0.98	TEST=	1
INDE	3	9	34	FOBS=	136.7	SIGMA=	1.0	PHAS=	62.1	FOM=	0.96	TEST=	0
INDE	3	9	36	FOBS=	535.0	SIGMA=	1.0	PHAS=	-153.6	FOM=	0.99	TEST=	0
INDE	3	9	38	FOBS=	311.6	SIGMA=	0.8	PHAS=	-41.1	FOM=	0.96	TEST=	0
INDE	3	9	40	FOBS=	287.9	SIGMA=	0.9	PHAS=	-153.2	FOM=	0.95	TEST=	0
INDE	3	9	42	FOBS=	18.6	SIGMA=	9.0	PHAS=	130.8	FOM=	0.15	TEST=	0
INDE	3	9	44	FOBS=	110.7	SIGMA=	1.6	PHAS=	-114.9	FOM=	0.95	TEST=	0
INDE	3	9	46	FOBS=	95.0	SIGMA=	2.1	PHAS=	-154.1	FOM=	0.69	TEST=	0
INDE	3	9	48	FOBS=	193.3	SIGMA=	1.2	PHAS=	-69.0	FOM=	0.94	TEST=	0
INDE	3	9	50	FOBS=	97.1	SIGMA=	2.1	PHAS=	-129.2	FOM=	0.71	TEST=	0
INDE	3	9	52	FOBS=	52.8	SIGMA=	4.2	PHAS=	-67.0	FOM=	0.61	TEST=	0
INDE	3	9	54	FOBS=	53.2	SIGMA=	3.6	PHAS=	-61.5	FOM=	0.75	TEST=	0
INDE	3	9	56	FOBS=	50.6	SIGMA=	3.8	PHAS=	120.4	FOM=	0.93	TEST=	0
INDE	3	9	58	FOBS=	137.0	SIGMA=	1.2	PHAS=	133.2	FOM=	0.96	TEST=	0
INDE	3	9	60	FOBS=	45.5	SIGMA=	3.8	PHAS=	28.6	FOM=	0.80	TEST=	0
INDE	3	9	62	FOBS=	160.2	SIGMA=	1.2	PHAS=	2.4	FOM=	0.96	TEST=	0
INDE	3	9	64	FOBS=	24.9	SIGMA=	7.9	PHAS=	-114.6	FOM=	0.52	TEST=	0
INDE	3	9	66	FOBS=	100.7	SIGMA=	2.8	PHAS=	-23.6	FOM=	0.94	TEST=	0
INDE	3	9	68	FOBS=	113.9	SIGMA=	2.5	PHAS=	-65.6	FOM=	0.90	TEST=	0
INDE	3	9	70	FOBS=	77.7	SIGMA=	3.6	PHAS=	135.7	FOM=	0.88	TEST=	0
INDE	3	9	72	FOBS=	84.4	SIGMA=	3.3	PHAS=	-31.8	FOM=	0.90	TEST=	0
INDE	3	9	74	FOBS=	86.2	SIGMA=	4.5	PHAS=	-167.1	FOM=	0.86	TEST=	0
INDE	3	9	76	FOBS=	42.6	SIGMA=	9.3	PHAS=	-128.6	FOM=	0.45	TEST=	0
INDE	3	10	15	FOBS=	51.2	SIGMA=	0.7	PHAS=	-57.2	FOM=	0.95	TEST=	0
INDE	3	10	17	FOBS=	99.3	SIGMA=	0.4	PHAS=	-156.5	FOM=	0.92	TEST=	0
INDE	3	10	19	FOBS=	171.0	SIGMA=	0.4	PHAS=	44.9	FOM=	0.87	TEST=	0
INDE	3	10	21	FOBS=	198.9	SIGMA=	0.4	PHAS=	56.9	FOM=	0.88	TEST=	0
INDE	3	10	23	FOBS=	58.5	SIGMA=	0.9	PHAS=	150.3	FOM=	0.98	TEST=	0
INDE	3	10	25	FOBS=	92.9	SIGMA=	0.6	PHAS=	114.5	FOM=	0.95	TEST=	0
INDE	3	10	27	FOBS=	62.0	SIGMA=	1.0	PHAS=	16.5	FOM=	0.99	TEST=	0
INDE	3	10	29	FOBS=	82.0	SIGMA=	1.1	PHAS=	14.1	FOM=	0.96	TEST=	0
INDE	3	10	31	FOBS=	311.6	SIGMA=	0.8	PHAS=	-55.3	FOM=	0.97	TEST=	0

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INDE	3	10	33	FOBS=	241.1	SIGMA=	0.8	PHAS=	-48.4	FOM=	0.94	TEST=	0
INDE	3	10	35	FOBS=	352.4	SIGMA=	0.9	PHAS=	93.6	FOM=	0.96	TEST=	0
INDE	3	10	37	FOBS=	294.4	SIGMA=	1.0	PHAS=	37.9	FOM=	0.94	TEST=	0
INDE	3	10	39	FOBS=	42.1	SIGMA=	3.6	PHAS=	28.5	FOM=	0.74	TEST=	1
INDE	3	10	41	FOBS=	60.7	SIGMA=	2.8	PHAS=	-173.0	FOM=	0.91	TEST=	1
INDE	3	10	43	FOBS=	230.1	SIGMA=	0.9	PHAS=	-40.0	FOM=	0.97	TEST=	0
INDE	3	10	45	FOBS=	286.3	SIGMA=	0.9	PHAS=	6.2	FOM=	0.96	TEST=	0
INDE	3	10	47	FOBS=	228.4	SIGMA=	1.2	PHAS=	174.1	FOM=	0.94	TEST=	0
INDE	3	10	49	FOBS=	161.4	SIGMA=	1.3	PHAS=	-167.6	FOM=	0.96	TEST=	0
INDE	3	10	51	FOBS=	133.7	SIGMA=	1.5	PHAS=	-55.7	FOM=	0.90	TEST=	0
INDE	3	10	53	FOBS=	167.3	SIGMA=	1.2	PHAS=	-152.0	FOM=	0.87	TEST=	0
INDE	3	10	55	FOBS=	70.8	SIGMA=	3.1	PHAS=	-135.8	FOM=	0.29	TEST=	1
INDE	3	10	57	FOBS=	159.8	SIGMA=	1.3	PHAS=	26.1	FOM=	0.95	TEST=	0
INDE	3	10	59	FOBS=	138.9	SIGMA=	1.2	PHAS=	-28.3	FOM=	0.94	TEST=	0
INDE	3	10	61	FOBS=	97.5	SIGMA=	1.6	PHAS=	150.3	FOM=	0.87	TEST=	0
INDE	3	10	63	FOBS=	123.9	SIGMA=	1.7	PHAS=	85.2	FOM=	0.94	TEST=	0
INDE	3	10	65	FOBS=	36.9	SIGMA=	7.0	PHAS=	-27.8	FOM=	0.27	TEST=	0
INDE	3	10	67	FOBS=	73.7	SIGMA=	3.8	PHAS=	-129.4	FOM=	0.86	TEST=	0
INDE	3	10	69	FOBS=	66.9	SIGMA=	4.2	PHAS=	-53.0	FOM=	0.81	TEST=	0
INDE	3	10	71	FOBS=	69.7	SIGMA=	4.1	PHAS=	82.8	FOM=	0.78	TEST=	0
INDE	3	10	73	FOBS=	17.2	SIGMA=	16.6	PHAS=	-150.8	FOM=	0.28	TEST=	0
INDE	3	10	75	FOBS=	60.7	SIGMA=	6.5	PHAS=	38.7	FOM=	0.07	TEST=	1
INDE	3	11	14	FOBS=	220.6	SIGMA=	0.4	PHAS=	116.0	FOM=	0.89	TEST=	0
INDE	3	11	16	FOBS=	173.8	SIGMA=	0.4	PHAS=	153.7	FOM=	0.68	TEST=	0
INDE	3	11	18	FOBS=	338.5	SIGMA=	0.4	PHAS=	-39.5	FOM=	0.96	TEST=	0
INDE	3	11	20	FOBS=	164.2	SIGMA=	0.4	PHAS=	18.1	FOM=	0.85	TEST=	0
INDE	3	11	22	FOBS=	58.8	SIGMA=	1.0	PHAS=	-11.6	FOM=	0.30	TEST=	0
INDE	3	11	24	FOBS=	151.1	SIGMA=	0.6	PHAS=	-39.0	FOM=	0.99	TEST=	1
INDE	3	11	26	FOBS=	92.4	SIGMA=	0.8	PHAS=	-74.8	FOM=	0.98	TEST=	1
INDE	3	11	28	FOBS=	168.7	SIGMA=	0.6	PHAS=	-88.9	FOM=	0.97	TEST=	0
INDE	3	11	30	FOBS=	146.4	SIGMA=	0.7	PHAS=	161.4	FOM=	0.95	TEST=	0
INDE	3	11	32	FOBS=	130.9	SIGMA=	0.9	PHAS=	-112.8	FOM=	0.95	TEST=	0
INDE	3	11	34	FOBS=	233.5	SIGMA=	0.9	PHAS=	-73.2	FOM=	0.94	TEST=	1
INDE	3	11	36	FOBS=	72.4	SIGMA=	1.9	PHAS=	-2.6	FOM=	0.69	TEST=	0
INDE	3	11	38	FOBS=	314.0	SIGMA=	0.7	PHAS=	-26.1	FOM=	0.94	TEST=	0
INDE	3	11	40	FOBS=	54.8	SIGMA=	3.0	PHAS=	-125.5	FOM=	0.95	TEST=	0
INDE	3	11	42	FOBS=	105.8	SIGMA=	1.6	PHAS=	64.1	FOM=	0.91	TEST=	0
INDE	3	11	44	FOBS=	269.6	SIGMA=	1.3	PHAS=	-122.2	FOM=	0.97	TEST=	0
INDE	3	11	46	FOBS=	38.8	SIGMA=	8.0	PHAS=	117.2	FOM=	0.32	TEST=	0
INDE	3	11	48	FOBS=	39.9	SIGMA=	5.6	PHAS=	55.3	FOM=	0.03	TEST=	0
INDE	3	11	50	FOBS=	63.5	SIGMA=	3.2	PHAS=	-38.7	FOM=	0.24	TEST=	0
INDE	3	11	52	FOBS=	124.1	SIGMA=	1.6	PHAS=	167.6	FOM=	0.87	TEST=	0
INDE	3	11	54	FOBS=	185.8	SIGMA=	1.3	PHAS=	130.0	FOM=	0.77	TEST=	0
INDE	3	11	56	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	11	58	FOBS=	100.0	SIGMA=	2.0	PHAS=	-44.1	FOM=	0.92	TEST=	0
INDE	3	11	60	FOBS=	27.6	SIGMA=	7.1	PHAS=	-16.9	FOM=	0.81	TEST=	0
INDE	3	11	62	FOBS=	165.2	SIGMA=	1.1	PHAS=	31.6	FOM=	0.97	TEST=	0
INDE	3	11	64	FOBS=	56.8	SIGMA=	3.9	PHAS=	92.5	FOM=	0.67	TEST=	0
INDE	3	11	66	FOBS=	57.1	SIGMA=	4.9	PHAS=	148.6	FOM=	0.80	TEST=	0
INDE	3	11	68	FOBS=	53.3	SIGMA=	5.3	PHAS=	98.0	FOM=	0.53	TEST=	0
INDE	3	11	70	FOBS=	96.2	SIGMA=	3.0	PHAS=	-169.1	FOM=	0.79	TEST=	0
INDE	3	11	72	FOBS=	18.6	SIGMA=	15.3	PHAS=	-15.1	FOM=	0.54	TEST=	0
INDE	3	11	74	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	11	76	FOBS=	0.0	SIGMA=	29.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	12	13	FOBS=	371.3	SIGMA=	0.5	PHAS=	162.7	FOM=	0.32	TEST=	0
INDE	3	12	15	FOBS=	339.3	SIGMA=	0.4	PHAS=	-47.7	FOM=	0.91	TEST=	0
INDE	3	12	17	FOBS=	293.7	SIGMA=	0.5	PHAS=	-149.9	FOM=	0.93	TEST=	0
INDE	3	12	19	FOBS=	258.7	SIGMA=	0.5	PHAS=	-130.8	FOM=	0.93	TEST=	0
INDE	3	12	21	FOBS=	161.6	SIGMA=	0.4	PHAS=	-60.5	FOM=	0.94	TEST=	0
INDE	3	12	23	FOBS=	61.8	SIGMA=	1.0	PHAS=	-55.1	FOM=	0.97	TEST=	0
INDE	3	12	25	FOBS=	91.1	SIGMA=	0.8	PHAS=	48.9	FOM=	0.98	TEST=	0
INDE	3	12	27	FOBS=	174.2	SIGMA=	0.5	PHAS=	132.9	FOM=	0.95	TEST=	0
INDE	3	12	29	FOBS=	152.2	SIGMA=	0.6	PHAS=	73.1	FOM=	0.96	TEST=	0
INDE	3	12	31	FOBS=	84.9	SIGMA=	1.1	PHAS=	10.1	FOM=	0.98	TEST=	0
INDE	3	12	33	FOBS=	30.0	SIGMA=	2.6	PHAS=	106.9	FOM=	0.95	TEST=	0
INDE	3	12	35	FOBS=	86.5	SIGMA=	1.6	PHAS=	-57.6	FOM=	0.96	TEST=	0
INDE	3	12	37	FOBS=	256.3	SIGMA=	0.7	PHAS=	55.1	FOM=	0.93	TEST=	0
INDE	3	12	39	FOBS=	147.9	SIGMA=	1.3	PHAS=	-73.1	FOM=	0.95	TEST=	0
INDE	3	12	41	FOBS=	178.3	SIGMA=	1.1	PHAS=	-175.5	FOM=	0.93	TEST=	0
INDE	3	12	43	FOBS=	63.2	SIGMA=	2.8	PHAS=	-1.0	FOM=	0.92	TEST=	0

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INDE	3	12	45	FOBS=	110.0	SIGMA=	1.9	PHAS=	-103.2	FOM=	0.90	TEST=	0
INDE	3	12	47	FOBS=	134.4	SIGMA=	1.6	PHAS=	-149.9	FOM=	0.93	TEST=	0
INDE	3	12	49	FOBS=	147.6	SIGMA=	1.7	PHAS=	133.7	FOM=	0.95	TEST=	0
INDE	3	12	51	FOBS=	80.0	SIGMA=	2.5	PHAS=	-7.7	FOM=	0.81	TEST=	0
INDE	3	12	53	FOBS=	101.2	SIGMA=	2.0	PHAS=	-111.8	FOM=	0.11	TEST=	1
INDE	3	12	55	FOBS=	18.7	SIGMA=	10.4	PHAS=	-56.2	FOM=	0.14	TEST=	0
INDE	3	12	57	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	12	59	FOBS=	128.8	SIGMA=	1.6	PHAS=	-91.2	FOM=	0.60	TEST=	1
INDE	3	12	61	FOBS=	72.6	SIGMA=	2.2	PHAS=	-65.4	FOM=	0.69	TEST=	0
INDE	3	12	63	FOBS=	69.8	SIGMA=	3.0	PHAS=	36.8	FOM=	0.87	TEST=	0
INDE	3	12	65	FOBS=	124.9	SIGMA=	2.1	PHAS=	34.2	FOM=	0.94	TEST=	0
INDE	3	12	67	FOBS=	75.1	SIGMA=	3.8	PHAS=	123.4	FOM=	0.87	TEST=	0
INDE	3	12	69	FOBS=	96.4	SIGMA=	3.0	PHAS=	35.6	FOM=	0.84	TEST=	0
INDE	3	12	71	FOBS=	72.6	SIGMA=	3.9	PHAS=	-147.8	FOM=	0.92	TEST=	0
INDE	3	12	73	FOBS=	68.9	SIGMA=	4.3	PHAS=	171.3	FOM=	0.84	TEST=	0
INDE	3	12	75	FOBS=	37.7	SIGMA=	8.0	PHAS=	167.5	FOM=	0.89	TEST=	0
INDE	3	13	12	FOBS=	327.9	SIGMA=	0.6	PHAS=	-2.0	FOM=	0.37	TEST=	0
INDE	3	13	14	FOBS=	201.9	SIGMA=	0.7	PHAS=	11.7	FOM=	0.11	TEST=	0
INDE	3	13	16	FOBS=	215.1	SIGMA=	0.6	PHAS=	-144.2	FOM=	0.87	TEST=	0
INDE	3	13	18	FOBS=	76.3	SIGMA=	0.8	PHAS=	-115.8	FOM=	0.93	TEST=	0
INDE	3	13	20	FOBS=	143.8	SIGMA=	0.5	PHAS=	178.5	FOM=	0.68	TEST=	0
INDE	3	13	22	FOBS=	118.2	SIGMA=	0.6	PHAS=	-173.7	FOM=	0.99	TEST=	0
INDE	3	13	24	FOBS=	258.2	SIGMA=	0.5	PHAS=	-108.7	FOM=	0.90	TEST=	1
INDE	3	13	26	FOBS=	73.7	SIGMA=	1.1	PHAS=	25.3	FOM=	0.99	TEST=	0
INDE	3	13	28	FOBS=	136.0	SIGMA=	0.7	PHAS=	-14.7	FOM=	0.96	TEST=	0
INDE	3	13	30	FOBS=	214.6	SIGMA=	0.6	PHAS=	-49.8	FOM=	0.99	TEST=	0
INDE	3	13	32	FOBS=	85.6	SIGMA=	1.1	PHAS=	-160.7	FOM=	0.86	TEST=	0
INDE	3	13	34	FOBS=	170.4	SIGMA=	0.7	PHAS=	-163.5	FOM=	0.98	TEST=	0
INDE	3	13	36	FOBS=	69.2	SIGMA=	1.4	PHAS=	-9.7	FOM=	0.86	TEST=	0
INDE	3	13	38	FOBS=	167.9	SIGMA=	1.1	PHAS=	-79.9	FOM=	0.97	TEST=	0
INDE	3	13	40	FOBS=	19.9	SIGMA=	9.0	PHAS=	-6.2	FOM=	0.07	TEST=	0
INDE	3	13	42	FOBS=	158.5	SIGMA=	1.3	PHAS=	98.1	FOM=	0.98	TEST=	1
INDE	3	13	44	FOBS=	163.0	SIGMA=	1.3	PHAS=	-174.2	FOM=	0.95	TEST=	0
INDE	3	13	46	FOBS=	166.6	SIGMA=	1.3	PHAS=	-165.8	FOM=	0.86	TEST=	0
INDE	3	13	48	FOBS=	79.3	SIGMA=	3.6	PHAS=	80.8	FOM=	0.90	TEST=	0
INDE	3	13	50	FOBS=	178.8	SIGMA=	1.2	PHAS=	13.1	FOM=	0.93	TEST=	0
INDE	3	13	52	FOBS=	32.3	SIGMA=	6.7	PHAS=	71.7	FOM=	0.17	TEST=	0
INDE	3	13	54	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	13	56	FOBS=	50.7	SIGMA=	3.8	PHAS=	-100.7	FOM=	0.73	TEST=	0
INDE	3	13	58	FOBS=	26.9	SIGMA=	7.2	PHAS=	-129.2	FOM=	0.10	TEST=	0
INDE	3	13	60	FOBS=	14.3	SIGMA=	12.5	PHAS=	-134.4	FOM=	0.20	TEST=	0
INDE	3	13	62	FOBS=	66.5	SIGMA=	2.5	PHAS=	19.7	FOM=	0.16	TEST=	1
INDE	3	13	64	FOBS=	54.5	SIGMA=	4.1	PHAS=	-66.6	FOM=	0.88	TEST=	0
INDE	3	13	66	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	13	68	FOBS=	87.1	SIGMA=	3.4	PHAS=	24.9	FOM=	0.88	TEST=	0
INDE	3	13	70	FOBS=	111.7	SIGMA=	2.7	PHAS=	98.2	FOM=	0.76	TEST=	0
INDE	3	13	72	FOBS=	58.1	SIGMA=	5.0	PHAS=	72.7	FOM=	0.84	TEST=	0
INDE	3	13	74	FOBS=	62.0	SIGMA=	4.8	PHAS=	97.6	FOM=	0.93	TEST=	0
INDE	3	13	76	FOBS=	98.3	SIGMA=	3.2	PHAS=	62.2	FOM=	0.96	TEST=	0
INDE	3	14	11	FOBS=	187.9	SIGMA=	0.7	PHAS=	99.7	FOM=	0.99	TEST=	0
INDE	3	14	13	FOBS=	235.6	SIGMA=	0.9	PHAS=	163.0	FOM=	0.34	TEST=	0
INDE	3	14	15	FOBS=	188.9	SIGMA=	0.7	PHAS=	-69.2	FOM=	0.86	TEST=	0
INDE	3	14	17	FOBS=	275.3	SIGMA=	0.6	PHAS=	159.7	FOM=	0.97	TEST=	0
INDE	3	14	19	FOBS=	104.1	SIGMA=	0.6	PHAS=	157.9	FOM=	0.96	TEST=	0
INDE	3	14	21	FOBS=	40.9	SIGMA=	1.5	PHAS=	-178.7	FOM=	0.45	TEST=	0
INDE	3	14	23	FOBS=	52.3	SIGMA=	1.2	PHAS=	156.5	FOM=	0.98	TEST=	0
INDE	3	14	25	FOBS=	96.6	SIGMA=	0.8	PHAS=	54.3	FOM=	0.93	TEST=	0
INDE	3	14	27	FOBS=	95.1	SIGMA=	0.9	PHAS=	63.2	FOM=	0.98	TEST=	0
INDE	3	14	29	FOBS=	84.9	SIGMA=	1.0	PHAS=	-165.4	FOM=	0.96	TEST=	0
INDE	3	14	31	FOBS=	105.7	SIGMA=	0.9	PHAS=	-39.2	FOM=	0.39	TEST=	0
INDE	3	14	33	FOBS=	138.8	SIGMA=	0.8	PHAS=	69.8	FOM=	0.90	TEST=	0
INDE	3	14	35	FOBS=	111.0	SIGMA=	0.8	PHAS=	41.7	FOM=	0.98	TEST=	0
INDE	3	14	37	FOBS=	160.5	SIGMA=	1.1	PHAS=	-9.0	FOM=	0.83	TEST=	0
INDE	3	14	39	FOBS=	18.2	SIGMA=	9.0	PHAS=	-172.5	FOM=	0.37	TEST=	0
INDE	3	14	41	FOBS=	8.6	SIGMA=	21.1	PHAS=	126.7	FOM=	0.28	TEST=	0
INDE	3	14	43	FOBS=	161.5	SIGMA=	1.2	PHAS=	54.0	FOM=	0.95	TEST=	0
INDE	3	14	45	FOBS=	119.9	SIGMA=	1.7	PHAS=	-167.3	FOM=	0.83	TEST=	0
INDE	3	14	47	FOBS=	184.8	SIGMA=	1.3	PHAS=	-117.2	FOM=	0.95	TEST=	0
INDE	3	14	49	FOBS=	124.5	SIGMA=	1.7	PHAS=	-133.2	FOM=	0.91	TEST=	0
INDE	3	14	51	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0

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FOFF" FFF666

INDE	3	14	53	FOBS=	47.7	SIGMA=	4.2	PHAS=	-26.2	FOM=	0.46	TEST=	0
INDE	3	14	55	FOBS=	56.4	SIGMA=	3.5	PHAS=	-158.2	FOM=	0.51	TEST=	0
INDE	3	14	57	FOBS=	78.3	SIGMA=	2.5	PHAS=	143.9	FOM=	0.91	TEST=	0
INDE	3	14	59	FOBS=	33.7	SIGMA=	5.7	PHAS=	-49.4	FOM=	0.58	TEST=	0
INDE	3	14	61	FOBS=	40.3	SIGMA=	3.9	PHAS=	-48.5	FOM=	0.72	TEST=	0
INDE	3	14	63	FOBS=	18.2	SIGMA=	4.7	PHAS=	-33.5	FOM=	0.33	TEST=	0
INDE	3	14	65	FOBS=	35.6	SIGMA=	8.4	PHAS=	-176.2	FOM=	0.62	TEST=	0
INDE	3	14	67	FOBS=	40.0	SIGMA=	7.3	PHAS=	1.1	FOM=	0.37	TEST=	0
INDE	3	14	69	FOBS=	89.5	SIGMA=	3.3	PHAS=	-75.2	FOM=	0.92	TEST=	0
INDE	3	14	71	FOBS=	36.5	SIGMA=	8.2	PHAS=	-30.9	FOM=	0.64	TEST=	0
INDE	3	14	73	FOBS=	21.6	SIGMA=	13.8	PHAS=	147.1	FOM=	0.12	TEST=	0
INDE	3	14	75	FOBS=	0.0	SIGMA=	24.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	15	10	FOBS=	123.1	SIGMA=	1.0	PHAS=	70.9	FOM=	0.91	TEST=	0
INDE	3	15	12	FOBS=	166.9	SIGMA=	0.8	PHAS=	-16.1	FOM=	0.68	TEST=	0
INDE	3	15	14	FOBS=	335.7	SIGMA=	0.7	PHAS=	174.8	FOM=	0.96	TEST=	0
INDE	3	15	16	FOBS=	76.9	SIGMA=	1.0	PHAS=	164.6	FOM=	0.80	TEST=	0
INDE	3	15	18	FOBS=	82.9	SIGMA=	0.8	PHAS=	61.2	FOM=	0.89	TEST=	0
INDE	3	15	20	FOBS=	169.1	SIGMA=	0.5	PHAS=	119.3	FOM=	0.75	TEST=	0
INDE	3	15	22	FOBS=	22.8	SIGMA=	2.9	PHAS=	-106.5	FOM=	0.55	TEST=	0
INDE	3	15	24	FOBS=	304.6	SIGMA=	0.6	PHAS=	-43.0	FOM=	0.98	TEST=	0
INDE	3	15	26	FOBS=	198.3	SIGMA=	0.5	PHAS=	-14.2	FOM=	0.98	TEST=	0
INDE	3	15	28	FOBS=	183.1	SIGMA=	0.7	PHAS=	17.7	FOM=	0.97	TEST=	0
INDE	3	15	30	FOBS=	175.5	SIGMA=	0.6	PHAS=	-15.3	FOM=	0.92	TEST=	0
INDE	3	15	32	FOBS=	155.3	SIGMA=	0.7	PHAS=	-161.6	FOM=	0.98	TEST=	0
INDE	3	15	34	FOBS=	254.5	SIGMA=	0.6	PHAS=	110.8	FOM=	0.99	TEST=	0
INDE	3	15	36	FOBS=	180.8	SIGMA=	0.8	PHAS=	-101.9	FOM=	0.97	TEST=	0
INDE	3	15	38	FOBS=	222.5	SIGMA=	0.7	PHAS=	160.1	FOM=	0.91	TEST=	0
INDE	3	15	40	FOBS=	241.1	SIGMA=	0.9	PHAS=	-34.2	FOM=	0.93	TEST=	0
INDE	3	15	42	FOBS=	39.3	SIGMA=	5.0	PHAS=	-173.2	FOM=	0.45	TEST=	0
INDE	3	15	44	FOBS=	232.2	SIGMA=	1.1	PHAS=	71.0	FOM=	0.94	TEST=	0
INDE	3	15	46	FOBS=	163.8	SIGMA=	1.4	PHAS=	-151.4	FOM=	0.94	TEST=	0
INDE	3	15	48	FOBS=	390.5	SIGMA=	1.1	PHAS=	130.1	FOM=	0.99	TEST=	0
INDE	3	15	50	FOBS=	109.1	SIGMA=	2.0	PHAS=	84.0	FOM=	0.67	TEST=	0
INDE	3	15	52	FOBS=	86.2	SIGMA=	2.4	PHAS=	-6.7	FOM=	0.91	TEST=	0
INDE	3	15	54	FOBS=	66.1	SIGMA=	3.1	PHAS=	-10.2	FOM=	0.50	TEST=	0
INDE	3	15	56	FOBS=	46.1	SIGMA=	4.3	PHAS=	67.0	FOM=	0.49	TEST=	1
INDE	3	15	58	FOBS=	56.3	SIGMA=	3.5	PHAS=	117.5	FOM=	0.55	TEST=	0
INDE	3	15	60	FOBS=	71.9	SIGMA=	2.7	PHAS=	-124.3	FOM=	0.85	TEST=	0
INDE	3	15	62	FOBS=	134.1	SIGMA=	1.3	PHAS=	79.2	FOM=	0.92	TEST=	0
INDE	3	15	64	FOBS=	68.1	SIGMA=	3.4	PHAS=	143.7	FOM=	0.68	TEST=	0
INDE	3	15	66	FOBS=	68.3	SIGMA=	4.5	PHAS=	156.5	FOM=	0.84	TEST=	0
INDE	3	15	68	FOBS=	43.6	SIGMA=	6.9	PHAS=	158.8	FOM=	0.73	TEST=	0
INDE	3	15	70	FOBS=	30.2	SIGMA=	9.8	PHAS=	135.4	FOM=	0.30	TEST=	0
INDE	3	15	72	FOBS=	60.4	SIGMA=	5.1	PHAS=	177.6	FOM=	0.85	TEST=	0
INDE	3	15	74	FOBS=	54.5	SIGMA=	5.8	PHAS=	67.9	FOM=	0.85	TEST=	0
INDE	3	15	76	FOBS=	14.4	SIGMA=	21.6	PHAS=	26.6	FOM=	0.35	TEST=	0
INDE	3	16	9	FOBS=	453.4	SIGMA=	0.9	PHAS=	18.1	FOM=	0.79	TEST=	0
INDE	3	16	11	FOBS=	182.8	SIGMA=	0.8	PHAS=	54.2	FOM=	0.94	TEST=	0
INDE	3	16	13	FOBS=	143.1	SIGMA=	0.9	PHAS=	172.8	FOM=	0.87	TEST=	0
INDE	3	16	15	FOBS=	301.5	SIGMA=	0.9	PHAS=	151.5	FOM=	0.48	TEST=	1
INDE	3	16	17	FOBS=	94.1	SIGMA=	0.9	PHAS=	-84.8	FOM=	0.88	TEST=	0
INDE	3	16	19	FOBS=	224.2	SIGMA=	0.7	PHAS=	-47.2	FOM=	0.93	TEST=	0
INDE	3	16	21	FOBS=	47.6	SIGMA=	1.5	PHAS=	-26.9	FOM=	0.88	TEST=	1
INDE	3	16	23	FOBS=	158.0	SIGMA=	0.6	PHAS=	147.5	FOM=	0.90	TEST=	0
INDE	3	16	25	FOBS=	186.1	SIGMA=	0.6	PHAS=	-170.3	FOM=	0.98	TEST=	0
INDE	3	16	27	FOBS=	203.2	SIGMA=	0.7	PHAS=	-41.9	FOM=	0.90	TEST=	0
INDE	3	16	29	FOBS=	132.5	SIGMA=	0.7	PHAS=	-65.8	FOM=	0.99	TEST=	0
INDE	3	16	31	FOBS=	175.7	SIGMA=	0.6	PHAS=	150.1	FOM=	0.93	TEST=	0
INDE	3	16	33	FOBS=	149.4	SIGMA=	0.9	PHAS=	17.2	FOM=	0.99	TEST=	0
INDE	3	16	35	FOBS=	263.9	SIGMA=	0.6	PHAS=	53.3	FOM=	0.95	TEST=	0
INDE	3	16	37	FOBS=	179.6	SIGMA=	0.7	PHAS=	-154.3	FOM=	0.99	TEST=	0
INDE	3	16	39	FOBS=	26.6	SIGMA=	3.7	PHAS=	-102.0	FOM=	0.36	TEST=	0
INDE	3	16	41	FOBS=	208.2	SIGMA=	1.0	PHAS=	-156.4	FOM=	0.95	TEST=	0
INDE	3	16	43	FOBS=	90.1	SIGMA=	2.2	PHAS=	55.2	FOM=	0.77	TEST=	0
INDE	3	16	45	FOBS=	40.5	SIGMA=	5.3	PHAS=	-157.6	FOM=	0.71	TEST=	0
INDE	3	16	47	FOBS=	124.4	SIGMA=	1.8	PHAS=	54.0	FOM=	0.92	TEST=	0
INDE	3	16	49	FOBS=	230.7	SIGMA=	1.2	PHAS=	49.6	FOM=	0.96	TEST=	0
INDE	3	16	51	FOBS=	48.0	SIGMA=	4.2	PHAS=	-49.2	FOM=	0.51	TEST=	0
INDE	3	16	53	FOBS=	190.4	SIGMA=	1.2	PHAS=	-83.6	FOM=	0.94	TEST=	0
INDE	3	16	55	FOBS=	26.9	SIGMA=	7.4	PHAS=	-97.0	FOM=	0.14	TEST=	0

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INDE 3 16 57 FOBS= 0.0 SIGMA= 19.8 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 3 16 59 FOBS= 101.5 SIGMA= 2.0 PHAS= -23.4 FOM= 0.92 TEST= 0
INDE 3 16 61 FOBS= 0.0 SIGMA= 21.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 3 16 63 FOBS= 104.8 SIGMA= 1.8 PHAS= 66.6 FOM= 0.85 TEST= 0
INDE 3 16 65 FOBS= 20.5 SIGMA= 14.9 PHAS= -62.7 FOM= 0.09 TEST= 0
INDE 3 16 67 FOBS= 92.9 SIGMA= 3.3 PHAS= 112.9 FOM= 0.76 TEST= 0
INDE 3 16 69 FOBS= 44.9 SIGMA= 6.8 PHAS= -59.9 FOM= 0.84 TEST= 0
INDE 3 16 71 FOBS= 62.8 SIGMA= 4.9 PHAS= 67.1 FOM= 0.65 TEST= 0
INDE 3 16 73 FOBS= 23.7 SIGMA= 13.1 PHAS= 69.2 FOM= 0.68 TEST= 0
INDE 3 16 75 FOBS= 22.0 SIGMA= 14.3 PHAS= -114.0 FOM= 0.33 TEST= 1
INDE 3 17 6 FOBS= 188.1 SIGMA= 0.5 PHAS= 72.5 FOM= 0.56 TEST= 0
INDE 3 17 8 FOBS= 491.2 SIGMA= 0.9 PHAS= -110.2 FOM= 0.91 TEST= 0
INDE 3 17 10 FOBS= 390.0 SIGMA= 0.7 PHAS= -51.1 FOM= 0.96 TEST= 0
INDE 3 17 12 FOBS= 35.5 SIGMA= 3.1 PHAS= -19.4 FOM= 0.66 TEST= 0
INDE 3 17 14 FOBS= 314.5 SIGMA= 0.7 PHAS= -168.9 FOM= 0.93 TEST= 0
INDE 3 17 16 FOBS= 104.6 SIGMA= 1.0 PHAS= 68.3 FOM= 0.65 TEST= 0
INDE 3 17 18 FOBS= 327.8 SIGMA= 0.7 PHAS= -109.5 FOM= 0.96 TEST= 0
INDE 3 17 20 FOBS= 148.0 SIGMA= 0.7 PHAS= 170.2 FOM= 0.56 TEST= 0
INDE 3 17 22 FOBS= 54.6 SIGMA= 1.4 PHAS= 31.1 FOM= 0.96 TEST= 0
INDE 3 17 24 FOBS= 93.3 SIGMA= 0.8 PHAS= 98.5 FOM= 0.98 TEST= 0
INDE 3 17 26 FOBS= 0.0 SIGMA= 12.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 3 17 28 FOBS= 61.7 SIGMA= 1.3 PHAS= -99.3 FOM= 0.93 TEST= 0
INDE 3 17 30 FOBS= 67.8 SIGMA= 1.3 PHAS= 58.5 FOM= 0.95 TEST= 0
INDE 3 17 32 FOBS= 201.6 SIGMA= 0.6 PHAS= 137.8 FOM= 0.95 TEST= 0
INDE 3 17 34 FOBS= 283.2 SIGMA= 0.6 PHAS= 58.0 FOM= 0.99 TEST= 0
INDE 3 17 36 FOBS= 325.2 SIGMA= 0.5 PHAS= -81.2 FOM= 0.99 TEST= 0
INDE 3 17 38 FOBS= 244.6 SIGMA= 0.7 PHAS= -176.2 FOM= 0.98 TEST= 0
INDE 3 17 40 FOBS= 207.6 SIGMA= 0.9 PHAS= 98.4 FOM= 0.92 TEST= 0
INDE 3 17 42 FOBS= 119.2 SIGMA= 1.1 PHAS= 141.4 FOM= 0.96 TEST= 0
INDE 3 17 44 FOBS= 102.5 SIGMA= 2.1 PHAS= 125.4 FOM= 0.90 TEST= 0
INDE 3 17 46 FOBS= 213.0 SIGMA= 1.1 PHAS= -34.5 FOM= 0.92 TEST= 1
INDE 3 17 48 FOBS= 86.7 SIGMA= 2.5 PHAS= 55.7 FOM= 0.84 TEST= 0
INDE 3 17 50 FOBS= 119.4 SIGMA= 1.8 PHAS= -131.1 FOM= 0.90 TEST= 0
INDE 3 17 52 FOBS= 80.1 SIGMA= 2.6 PHAS= 103.9 FOM= 0.52 TEST= 0
INDE 3 17 54 FOBS= 177.1 SIGMA= 1.3 PHAS= -171.7 FOM= 0.81 TEST= 0
INDE 3 17 56 FOBS= 120.3 SIGMA= 1.7 PHAS= 174.8 FOM= 0.94 TEST= 0
INDE 3 17 58 FOBS= 97.5 SIGMA= 2.1 PHAS= -121.0 FOM= 0.72 TEST= 0
INDE 3 17 60 FOBS= 105.9 SIGMA= 1.9 PHAS= -155.1 FOM= 0.89 TEST= 0
INDE 3 17 62 FOBS= 118.9 SIGMA= 1.9 PHAS= 116.6 FOM= 0.92 TEST= 0
INDE 3 17 64 FOBS= 67.5 SIGMA= 4.7 PHAS= -6.3 FOM= 0.77 TEST= 0
INDE 3 17 66 FOBS= 0.0 SIGMA= 24.6 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 3 17 68 FOBS= 130.5 SIGMA= 2.5 PHAS= -43.7 FOM= 0.42 TEST= 1
INDE 3 17 70 FOBS= 0.0 SIGMA= 24.7 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 3 17 72 FOBS= 0.0 SIGMA= 24.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 3 17 74 FOBS= 68.1 SIGMA= 4.8 PHAS= 24.9 FOM= 0.92 TEST= 0
INDE 3 18 3 FOBS= 180.8 SIGMA= 0.6 PHAS= -76.8 FOM= 0.98 TEST= 0
INDE 3 18 5 FOBS= 124.3 SIGMA= 0.5 PHAS= 35.2 FOM= 0.23 TEST= 0
INDE 3 18 7 FOBS= 191.3 SIGMA= 0.6 PHAS= 78.9 FOM= 0.80 TEST= 0
INDE 3 18 9 FOBS= 89.3 SIGMA= 1.4 PHAS= 131.8 FOM= 0.35 TEST= 0
INDE 3 18 11 FOBS= 88.2 SIGMA= 1.4 PHAS= -129.4 FOM= 0.31 TEST= 0
INDE 3 18 13 FOBS= 66.0 SIGMA= 1.9 PHAS= 169.9 FOM= 0.90 TEST= 0
INDE 3 18 15 FOBS= 94.5 SIGMA= 1.4 PHAS= 67.6 FOM= 0.84 TEST= 0
INDE 3 18 17 FOBS= 100.9 SIGMA= 1.3 PHAS= -176.2 FOM= 0.84 TEST= 0
INDE 3 18 19 FOBS= 264.0 SIGMA= 0.7 PHAS= 166.6 FOM= 0.93 TEST= 0
INDE 3 18 21 FOBS= 33.1 SIGMA= 2.6 PHAS= -123.5 FOM= 0.94 TEST= 0
INDE 3 18 23 FOBS= 107.0 SIGMA= 0.8 PHAS= 65.3 FOM= 0.95 TEST= 0
INDE 3 18 25 FOBS= 180.3 SIGMA= 0.5 PHAS= 75.0 FOM= 0.98 TEST= 0
INDE 3 18 27 FOBS= 16.5 SIGMA= 4.7 PHAS= -172.6 FOM= 0.13 TEST= 0
INDE 3 18 29 FOBS= 33.6 SIGMA= 2.5 PHAS= 45.7 FOM= 0.30 TEST= 0
INDE 3 18 31 FOBS= 109.4 SIGMA= 0.9 PHAS= 101.5 FOM= 0.90 TEST= 0
INDE 3 18 33 FOBS= 371.1 SIGMA= 0.6 PHAS= -30.2 FOM= 0.97 TEST= 1
INDE 3 18 35 FOBS= 211.5 SIGMA= 0.7 PHAS= 32.2 FOM= 0.91 TEST= 0
INDE 3 18 37 FOBS= 281.0 SIGMA= 0.7 PHAS= -156.1 FOM= 0.97 TEST= 0
INDE 3 18 39 FOBS= 259.2 SIGMA= 0.7 PHAS= 77.8 FOM= 0.98 TEST= 0
INDE 3 18 41 FOBS= 157.5 SIGMA= 0.8 PHAS= 38.8 FOM= 0.87 TEST= 0
INDE 3 18 43 FOBS= 322.5 SIGMA= 0.6 PHAS= -16.4 FOM= 0.96 TEST= 1
INDE 3 18 45 FOBS= 81.8 SIGMA= 2.6 PHAS= -150.3 FOM= 0.55 TEST= 0
INDE 3 18 47 FOBS= 0.0 SIGMA= 20.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 3 18 49 FOBS= 109.2 SIGMA= 2.2 PHAS= -167.1 FOM= 0.66 TEST= 0
INDE 3 18 51 FOBS= 86.6 SIGMA= 2.4 PHAS= -108.1 FOM= 0.71 TEST= 1

INDE	3	18	53	FOBS=	114.7	SIGMA=	1.9	PHAS=	-54.6	FOM=	0.46	TEST=	1
INDE	3	18	55	FOBS=	210.1	SIGMA=	1.1	PHAS=	89.9	FOM=	0.96	TEST=	0
INDE	3	18	57	FOBS=	152.6	SIGMA=	1.4	PHAS=	139.7	FOM=	0.89	TEST=	0
INDE	3	18	59	FOBS=	50.4	SIGMA=	3.9	PHAS=	-92.1	FOM=	0.48	TEST=	0
INDE	3	18	61	FOBS=	79.2	SIGMA=	2.5	PHAS=	75.0	FOM=	0.89	TEST=	0
INDE	3	18	63	FOBS=	113.4	SIGMA=	1.7	PHAS=	-84.3	FOM=	0.88	TEST=	0
INDE	3	18	65	FOBS=	0.0	SIGMA=	24.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	18	67	FOBS=	50.5	SIGMA=	6.2	PHAS=	-134.2	FOM=	0.69	TEST=	0
INDE	3	18	69	FOBS=	84.6	SIGMA=	3.8	PHAS=	-40.1	FOM=	0.88	TEST=	0
INDE	3	18	71	FOBS=	48.1	SIGMA=	6.5	PHAS=	-34.8	FOM=	0.80	TEST=	0
INDE	3	18	73	FOBS=	56.6	SIGMA=	5.7	PHAS=	135.7	FOM=	0.59	TEST=	0
INDE	3	18	75	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	19	4	FOBS=	150.8	SIGMA=	0.7	PHAS=	6.3	FOM=	0.96	TEST=	0
INDE	3	19	6	FOBS=	103.2	SIGMA=	1.0	PHAS=	10.9	FOM=	0.62	TEST=	1
INDE	3	19	8	FOBS=	193.1	SIGMA=	0.7	PHAS=	-31.8	FOM=	0.94	TEST=	0
INDE	3	19	10	FOBS=	91.7	SIGMA=	1.4	PHAS=	-124.5	FOM=	0.49	TEST=	0
INDE	3	19	12	FOBS=	62.8	SIGMA=	2.0	PHAS=	116.4	FOM=	0.87	TEST=	0
INDE	3	19	14	FOBS=	178.0	SIGMA=	0.9	PHAS=	-147.8	FOM=	0.85	TEST=	0
INDE	3	19	16	FOBS=	77.9	SIGMA=	1.7	PHAS=	-99.6	FOM=	0.78	TEST=	1
INDE	3	19	18	FOBS=	134.2	SIGMA=	0.9	PHAS=	29.2	FOM=	0.97	TEST=	0
INDE	3	19	20	FOBS=	108.5	SIGMA=	0.9	PHAS=	63.4	FOM=	0.96	TEST=	0
INDE	3	19	22	FOBS=	120.5	SIGMA=	0.9	PHAS=	-33.6	FOM=	0.99	TEST=	0
INDE	3	19	24	FOBS=	118.4	SIGMA=	0.8	PHAS=	-94.3	FOM=	0.99	TEST=	0
INDE	3	19	26	FOBS=	188.9	SIGMA=	0.5	PHAS=	-30.7	FOM=	0.92	TEST=	0
INDE	3	19	28	FOBS=	105.2	SIGMA=	0.9	PHAS=	-11.0	FOM=	0.75	TEST=	0
INDE	3	19	30	FOBS=	28.5	SIGMA=	3.1	PHAS=	104.2	FOM=	0.68	TEST=	0
INDE	3	19	32	FOBS=	118.2	SIGMA=	0.9	PHAS=	32.2	FOM=	0.80	TEST=	0
INDE	3	19	34	FOBS=	71.5	SIGMA=	1.7	PHAS=	-147.7	FOM=	0.97	TEST=	1
INDE	3	19	36	FOBS=	172.1	SIGMA=	0.9	PHAS=	-114.0	FOM=	0.98	TEST=	0
INDE	3	19	38	FOBS=	80.9	SIGMA=	1.4	PHAS=	-72.2	FOM=	0.91	TEST=	0
INDE	3	19	40	FOBS=	115.7	SIGMA=	1.1	PHAS=	151.8	FOM=	0.94	TEST=	0
INDE	3	19	42	FOBS=	312.7	SIGMA=	0.7	PHAS=	-60.0	FOM=	0.97	TEST=	0
INDE	3	19	44	FOBS=	167.3	SIGMA=	1.0	PHAS=	-93.6	FOM=	0.96	TEST=	0
INDE	3	19	46	FOBS=	171.0	SIGMA=	1.2	PHAS=	-22.1	FOM=	0.91	TEST=	1
INDE	3	19	48	FOBS=	154.6	SIGMA=	1.5	PHAS=	118.0	FOM=	0.96	TEST=	0
INDE	3	19	50	FOBS=	187.8	SIGMA=	1.2	PHAS=	118.1	FOM=	0.97	TEST=	0
INDE	3	19	52	FOBS=	193.3	SIGMA=	1.2	PHAS=	71.4	FOM=	0.91	TEST=	0
INDE	3	19	54	FOBS=	86.6	SIGMA=	2.4	PHAS=	112.6	FOM=	0.88	TEST=	0
INDE	3	19	56	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	19	58	FOBS=	105.5	SIGMA=	2.0	PHAS=	56.8	FOM=	0.93	TEST=	0
INDE	3	19	60	FOBS=	61.5	SIGMA=	3.3	PHAS=	-114.8	FOM=	0.76	TEST=	0
INDE	3	19	62	FOBS=	22.9	SIGMA=	11.9	PHAS=	-166.4	FOM=	0.27	TEST=	0
INDE	3	19	64	FOBS=	36.8	SIGMA=	8.6	PHAS=	51.0	FOM=	0.46	TEST=	0
INDE	3	19	66	FOBS=	33.9	SIGMA=	9.2	PHAS=	135.3	FOM=	0.23	TEST=	0
INDE	3	19	68	FOBS=	44.1	SIGMA=	7.2	PHAS=	107.8	FOM=	0.66	TEST=	0
INDE	3	19	70	FOBS=	62.7	SIGMA=	5.0	PHAS=	-135.4	FOM=	0.88	TEST=	0
INDE	3	19	72	FOBS=	17.1	SIGMA=	18.8	PHAS=	-58.0	FOM=	0.35	TEST=	0
INDE	3	19	74	FOBS=	35.9	SIGMA=	9.1	PHAS=	1.8	FOM=	0.45	TEST=	0
INDE	3	20	3	FOBS=	413.6	SIGMA=	0.5	PHAS=	-74.2	FOM=	0.98	TEST=	0
INDE	3	20	5	FOBS=	517.0	SIGMA=	0.5	PHAS=	-109.9	FOM=	0.98	TEST=	0
INDE	3	20	7	FOBS=	64.7	SIGMA=	1.5	PHAS=	-80.4	FOM=	0.85	TEST=	0
INDE	3	20	9	FOBS=	53.6	SIGMA=	1.5	PHAS=	122.3	FOM=	0.75	TEST=	1
INDE	3	20	11	FOBS=	203.7	SIGMA=	0.9	PHAS=	72.0	FOM=	0.90	TEST=	0
INDE	3	20	13	FOBS=	90.8	SIGMA=	1.5	PHAS=	-131.9	FOM=	0.96	TEST=	0
INDE	3	20	15	FOBS=	104.0	SIGMA=	1.4	PHAS=	-38.3	FOM=	0.11	TEST=	0
INDE	3	20	17	FOBS=	81.8	SIGMA=	1.7	PHAS=	40.1	FOM=	0.99	TEST=	0
INDE	3	20	19	FOBS=	147.5	SIGMA=	0.8	PHAS=	-48.7	FOM=	0.91	TEST=	0
INDE	3	20	21	FOBS=	159.5	SIGMA=	0.7	PHAS=	-0.7	FOM=	0.99	TEST=	0
INDE	3	20	23	FOBS=	141.0	SIGMA=	0.8	PHAS=	162.6	FOM=	0.83	TEST=	0
INDE	3	20	25	FOBS=	68.1	SIGMA=	1.5	PHAS=	-166.8	FOM=	0.98	TEST=	0
INDE	3	20	27	FOBS=	115.6	SIGMA=	0.9	PHAS=	-122.5	FOM=	0.98	TEST=	0
INDE	3	20	29	FOBS=	43.4	SIGMA=	2.0	PHAS=	140.9	FOM=	0.98	TEST=	0
INDE	3	20	31	FOBS=	91.8	SIGMA=	1.1	PHAS=	-13.5	FOM=	0.94	TEST=	0
INDE	3	20	33	FOBS=	313.4	SIGMA=	0.5	PHAS=	-1.7	FOM=	0.98	TEST=	0
INDE	3	20	35	FOBS=	245.2	SIGMA=	0.7	PHAS=	109.5	FOM=	0.94	TEST=	0
INDE	3	20	37	FOBS=	203.2	SIGMA=	0.8	PHAS=	-175.6	FOM=	0.92	TEST=	0
INDE	3	20	39	FOBS=	265.9	SIGMA=	0.6	PHAS=	131.4	FOM=	0.97	TEST=	0
INDE	3	20	41	FOBS=	143.9	SIGMA=	0.9	PHAS=	164.9	FOM=	0.98	TEST=	0
INDE	3	20	43	FOBS=	187.1	SIGMA=	0.9	PHAS=	-114.0	FOM=	0.90	TEST=	0
INDE	3	20	45	FOBS=	148.3	SIGMA=	0.9	PHAS=	135.2	FOM=	0.37	TEST=	0

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INDE	3	20	47	FOBS=	0.0	SIGMA=	17.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	20	49	FOBS=	231.9	SIGMA=	1.1	PHAS=	43.1	FOM=	0.97	TEST=	0
INDE	3	20	51	FOBS=	208.5	SIGMA=	1.1	PHAS=	-44.1	FOM=	0.54	TEST=	1
INDE	3	20	53	FOBS=	65.9	SIGMA=	3.1	PHAS=	22.6	FOM=	0.78	TEST=	0
INDE	3	20	55	FOBS=	44.8	SIGMA=	4.6	PHAS=	46.9	FOM=	0.17	TEST=	0
INDE	3	20	57	FOBS=	20.6	SIGMA=	10.7	PHAS=	90.2	FOM=	0.23	TEST=	0
INDE	3	20	59	FOBS=	37.8	SIGMA=	5.3	PHAS=	-53.4	FOM=	0.67	TEST=	0
INDE	3	20	61	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	20	63	FOBS=	167.2	SIGMA=	1.7	PHAS=	-175.2	FOM=	0.23	TEST=	1
INDE	3	20	65	FOBS=	0.0	SIGMA=	25.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	20	67	FOBS=	24.1	SIGMA=	13.2	PHAS=	-154.4	FOM=	0.20	TEST=	0
INDE	3	20	69	FOBS=	28.7	SIGMA=	11.2	PHAS=	52.1	FOM=	0.53	TEST=	0
INDE	3	20	71	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	20	73	FOBS=	103.1	SIGMA=	3.3	PHAS=	-129.8	FOM=	0.93	TEST=	0
INDE	3	20	75	FOBS=	27.7	SIGMA=	12.1	PHAS=	120.3	FOM=	0.53	TEST=	0
INDE	3	21	4	FOBS=	277.3	SIGMA=	0.6	PHAS=	-158.1	FOM=	0.91	TEST=	0
INDE	3	21	6	FOBS=	186.0	SIGMA=	0.7	PHAS=	162.7	FOM=	0.85	TEST=	0
INDE	3	21	8	FOBS=	156.8	SIGMA=	0.8	PHAS=	-26.0	FOM=	0.55	TEST=	0
INDE	3	21	10	FOBS=	146.2	SIGMA=	1.1	PHAS=	106.1	FOM=	0.72	TEST=	0
INDE	3	21	12	FOBS=	153.1	SIGMA=	1.1	PHAS=	80.4	FOM=	0.96	TEST=	0
INDE	3	21	14	FOBS=	5.1	SIGMA=	25.2	PHAS=	108.3	FOM=	0.02	TEST=	0
INDE	3	21	16	FOBS=	212.4	SIGMA=	0.9	PHAS=	-40.5	FOM=	0.99	TEST=	0
INDE	3	21	18	FOBS=	244.0	SIGMA=	0.8	PHAS=	-53.8	FOM=	0.97	TEST=	0
INDE	3	21	20	FOBS=	136.2	SIGMA=	0.8	PHAS=	-95.4	FOM=	0.99	TEST=	0
INDE	3	21	22	FOBS=	183.7	SIGMA=	0.8	PHAS=	-134.9	FOM=	0.90	TEST=	1
INDE	3	21	24	FOBS=	240.7	SIGMA=	0.6	PHAS=	-165.3	FOM=	0.97	TEST=	0
INDE	3	21	26	FOBS=	59.0	SIGMA=	1.8	PHAS=	39.9	FOM=	0.97	TEST=	0
INDE	3	21	28	FOBS=	191.3	SIGMA=	0.6	PHAS=	-51.9	FOM=	0.98	TEST=	0
INDE	3	21	30	FOBS=	166.5	SIGMA=	0.7	PHAS=	143.3	FOM=	0.90	TEST=	0
INDE	3	21	32	FOBS=	60.9	SIGMA=	1.9	PHAS=	156.9	FOM=	0.86	TEST=	0
INDE	3	21	34	FOBS=	331.6	SIGMA=	0.7	PHAS=	-106.7	FOM=	0.88	TEST=	1
INDE	3	21	36	FOBS=	154.2	SIGMA=	1.0	PHAS=	99.0	FOM=	0.97	TEST=	0
INDE	3	21	38	FOBS=	173.0	SIGMA=	1.0	PHAS=	19.0	FOM=	0.92	TEST=	0
INDE	3	21	40	FOBS=	255.2	SIGMA=	0.8	PHAS=	93.8	FOM=	0.93	TEST=	0
INDE	3	21	42	FOBS=	60.9	SIGMA=	2.3	PHAS=	48.8	FOM=	0.85	TEST=	0
INDE	3	21	44	FOBS=	94.0	SIGMA=	1.5	PHAS=	127.7	FOM=	0.69	TEST=	0
INDE	3	21	46	FOBS=	79.3	SIGMA=	1.7	PHAS=	33.6	FOM=	0.66	TEST=	0
INDE	3	21	48	FOBS=	147.3	SIGMA=	1.1	PHAS=	-113.4	FOM=	0.44	TEST=	0
INDE	3	21	50	FOBS=	60.4	SIGMA=	3.3	PHAS=	-109.7	FOM=	0.94	TEST=	0
INDE	3	21	52	FOBS=	73.3	SIGMA=	2.9	PHAS=	32.0	FOM=	0.11	TEST=	0
INDE	3	21	54	FOBS=	121.7	SIGMA=	1.8	PHAS=	65.9	FOM=	0.88	TEST=	0
INDE	3	21	56	FOBS=	31.4	SIGMA=	7.0	PHAS=	159.2	FOM=	0.36	TEST=	0
INDE	3	21	58	FOBS=	23.3	SIGMA=	10.2	PHAS=	65.2	FOM=	0.04	TEST=	0
INDE	3	21	60	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	21	62	FOBS=	77.0	SIGMA=	3.1	PHAS=	119.8	FOM=	0.17	TEST=	1
INDE	3	21	64	FOBS=	56.8	SIGMA=	8.0	PHAS=	117.7	FOM=	0.70	TEST=	0
INDE	3	21	66	FOBS=	40.3	SIGMA=	8.1	PHAS=	65.2	FOM=	0.67	TEST=	0
INDE	3	21	68	FOBS=	14.5	SIGMA=	22.2	PHAS=	32.6	FOM=	0.08	TEST=	0
INDE	3	21	70	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	21	72	FOBS=	54.6	SIGMA=	6.0	PHAS=	-158.1	FOM=	0.83	TEST=	0
INDE	3	21	74	FOBS=	59.2	SIGMA=	5.7	PHAS=	131.0	FOM=	0.79	TEST=	0
INDE	3	22	3	FOBS=	173.9	SIGMA=	0.7	PHAS=	-36.8	FOM=	0.91	TEST=	0
INDE	3	22	5	FOBS=	280.2	SIGMA=	0.6	PHAS=	-67.4	FOM=	0.53	TEST=	1
INDE	3	22	7	FOBS=	87.0	SIGMA=	1.2	PHAS=	114.2	FOM=	0.91	TEST=	1
INDE	3	22	9	FOBS=	206.2	SIGMA=	0.7	PHAS=	103.8	FOM=	0.95	TEST=	0
INDE	3	22	11	FOBS=	387.5	SIGMA=	0.8	PHAS=	31.2	FOM=	0.95	TEST=	0
INDE	3	22	13	FOBS=	107.8	SIGMA=	1.4	PHAS=	51.8	FOM=	0.98	TEST=	1
INDE	3	22	15	FOBS=	227.1	SIGMA=	0.9	PHAS=	-77.3	FOM=	0.99	TEST=	0
INDE	3	22	17	FOBS=	144.8	SIGMA=	1.2	PHAS=	-130.6	FOM=	0.98	TEST=	0
INDE	3	22	19	FOBS=	159.2	SIGMA=	1.1	PHAS=	-129.7	FOM=	0.99	TEST=	0
INDE	3	22	21	FOBS=	88.3	SIGMA=	1.2	PHAS=	38.3	FOM=	0.92	TEST=	0
INDE	3	22	23	FOBS=	216.7	SIGMA=	0.7	PHAS=	68.3	FOM=	0.93	TEST=	0
INDE	3	22	25	FOBS=	165.4	SIGMA=	0.8	PHAS=	117.6	FOM=	0.99	TEST=	0
INDE	3	22	27	FOBS=	169.2	SIGMA=	0.9	PHAS=	-126.7	FOM=	0.99	TEST=	0
INDE	3	22	29	FOBS=	186.0	SIGMA=	0.8	PHAS=	96.6	FOM=	0.94	TEST=	1
INDE	3	22	31	FOBS=	223.0	SIGMA=	0.6	PHAS=	99.0	FOM=	0.96	TEST=	0
INDE	3	22	33	FOBS=	147.5	SIGMA=	0.8	PHAS=	-64.8	FOM=	0.98	TEST=	0
INDE	3	22	35	FOBS=	89.5	SIGMA=	1.5	PHAS=	-99.4	FOM=	0.81	TEST=	1
INDE	3	22	37	FOBS=	38.0	SIGMA=	3.3	PHAS=	53.4	FOM=	0.96	TEST=	0
INDE	3	22	39	FOBS=	92.9	SIGMA=	1.6	PHAS=	76.0	FOM=	0.81	TEST=	0

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INDE	3	22	41	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	22	43	FOBS=	54.4	SIGMA=	2.6	PHAS=	67.9	FOM=	0.66	TEST=	0
INDE	3	22	45	FOBS=	126.5	SIGMA=	1.1	PHAS=	55.0	FOM=	0.92	TEST=	0
INDE	3	22	47	FOBS=	242.3	SIGMA=	0.6	PHAS=	-152.1	FOM=	0.93	TEST=	0
INDE	3	22	49	FOBS=	138.4	SIGMA=	1.0	PHAS=	136.9	FOM=	0.86	TEST=	0
INDE	3	22	51	FOBS=	88.9	SIGMA=	2.1	PHAS=	-70.0	FOM=	0.92	TEST=	0
INDE	3	22	53	FOBS=	165.6	SIGMA=	1.4	PHAS=	-26.0	FOM=	0.93	TEST=	0
INDE	3	22	55	FOBS=	41.2	SIGMA=	5.4	PHAS=	-43.2	FOM=	0.42	TEST=	0
INDE	3	22	57	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	22	59	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	22	61	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	22	63	FOBS=	71.8	SIGMA=	4.4	PHAS=	-46.7	FOM=	0.77	TEST=	0
INDE	3	22	65	FOBS=	58.2	SIGMA=	5.7	PHAS=	-28.7	FOM=	0.22	TEST=	0
INDE	3	22	67	FOBS=	41.0	SIGMA=	8.0	PHAS=	-7.6	FOM=	0.02	TEST=	1
INDE	3	22	69	FOBS=	12.4	SIGMA=	35.9	PHAS=	-48.6	FOM=	0.20	TEST=	0
INDE	3	22	71	FOBS=	77.3	SIGMA=	4.3	PHAS=	145.3	FOM=	0.84	TEST=	0
INDE	3	22	73	FOBS=	46.2	SIGMA=	7.3	PHAS=	-99.4	FOM=	0.39	TEST=	0
INDE	3	23	4	FOBS=	317.6	SIGMA=	0.5	PHAS=	-99.2	FOM=	0.97	TEST=	0
INDE	3	23	6	FOBS=	70.6	SIGMA=	1.5	PHAS=	82.3	FOM=	0.61	TEST=	0
INDE	3	23	8	FOBS=	110.8	SIGMA=	1.0	PHAS=	-129.6	FOM=	0.95	TEST=	1
INDE	3	23	10	FOBS=	53.5	SIGMA=	2.1	PHAS=	45.5	FOM=	0.74	TEST=	1
INDE	3	23	12	FOBS=	252.6	SIGMA=	0.9	PHAS=	-64.7	FOM=	0.77	TEST=	0
INDE	3	23	14	FOBS=	185.7	SIGMA=	1.0	PHAS=	-59.7	FOM=	0.98	TEST=	0
INDE	3	23	16	FOBS=	91.4	SIGMA=	1.7	PHAS=	-142.9	FOM=	0.79	TEST=	0
INDE	3	23	18	FOBS=	140.5	SIGMA=	1.2	PHAS=	-100.4	FOM=	0.83	TEST=	0
INDE	3	23	20	FOBS=	88.3	SIGMA=	1.8	PHAS=	-12.5	FOM=	0.92	TEST=	1
INDE	3	23	22	FOBS=	131.8	SIGMA=	0.9	PHAS=	-75.7	FOM=	0.96	TEST=	0
INDE	3	23	24	FOBS=	10.0	SIGMA=	12.2	PHAS=	-10.5	FOM=	0.45	TEST=	0
INDE	3	23	26	FOBS=	155.0	SIGMA=	0.8	PHAS=	82.1	FOM=	0.94	TEST=	0
INDE	3	23	28	FOBS=	124.2	SIGMA=	1.0	PHAS=	136.2	FOM=	0.69	TEST=	0
INDE	3	23	30	FOBS=	210.1	SIGMA=	0.7	PHAS=	22.0	FOM=	0.98	TEST=	0
INDE	3	23	32	FOBS=	57.5	SIGMA=	2.1	PHAS=	49.8	FOM=	0.79	TEST=	0
INDE	3	23	34	FOBS=	322.7	SIGMA=	0.6	PHAS=	-145.6	FOM=	0.92	TEST=	0
INDE	3	23	36	FOBS=	26.8	SIGMA=	6.1	PHAS=	-9.3	FOM=	0.05	TEST=	0
INDE	3	23	38	FOBS=	72.9	SIGMA=	1.7	PHAS=	-6.9	FOM=	0.80	TEST=	0
INDE	3	23	40	FOBS=	149.3	SIGMA=	0.9	PHAS=	-2.5	FOM=	0.96	TEST=	0
INDE	3	23	42	FOBS=	133.3	SIGMA=	1.2	PHAS=	-26.4	FOM=	0.74	TEST=	0
INDE	3	23	44	FOBS=	159.4	SIGMA=	1.0	PHAS=	61.5	FOM=	0.88	TEST=	0
INDE	3	23	46	FOBS=	291.1	SIGMA=	0.7	PHAS=	132.4	FOM=	0.97	TEST=	0
INDE	3	23	48	FOBS=	229.1	SIGMA=	0.7	PHAS=	74.3	FOM=	0.95	TEST=	0
INDE	3	23	50	FOBS=	0.0	SIGMA=	16.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	23	52	FOBS=	78.2	SIGMA=	2.3	PHAS=	-159.3	FOM=	0.86	TEST=	0
INDE	3	23	54	FOBS=	102.0	SIGMA=	2.1	PHAS=	-100.4	FOM=	0.73	TEST=	0
INDE	3	23	56	FOBS=	50.3	SIGMA=	4.1	PHAS=	-93.6	FOM=	0.73	TEST=	0
INDE	3	23	58	FOBS=	62.4	SIGMA=	3.3	PHAS=	114.4	FOM=	0.08	TEST=	1
INDE	3	23	60	FOBS=	37.2	SIGMA=	5.4	PHAS=	23.9	FOM=	0.08	TEST=	0
INDE	3	23	62	FOBS=	113.3	SIGMA=	2.9	PHAS=	0.5	FOM=	0.90	TEST=	0
INDE	3	23	64	FOBS=	69.8	SIGMA=	6.7	PHAS=	-127.7	FOM=	0.83	TEST=	0
INDE	3	23	66	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	23	68	FOBS=	46.4	SIGMA=	7.2	PHAS=	-92.8	FOM=	0.29	TEST=	0
INDE	3	23	70	FOBS=	36.1	SIGMA=	9.2	PHAS=	171.7	FOM=	0.36	TEST=	0
INDE	3	23	72	FOBS=	34.3	SIGMA=	9.8	PHAS=	81.4	FOM=	0.50	TEST=	0
INDE	3	23	74	FOBS=	45.8	SIGMA=	7.5	PHAS=	-129.8	FOM=	0.35	TEST=	0
INDE	3	24	3	FOBS=	196.5	SIGMA=	0.6	PHAS=	-156.2	FOM=	0.93	TEST=	0
INDE	3	24	5	FOBS=	172.3	SIGMA=	0.5	PHAS=	-121.3	FOM=	0.89	TEST=	0
INDE	3	24	7	FOBS=	65.3	SIGMA=	1.6	PHAS=	-95.9	FOM=	0.81	TEST=	0
INDE	3	24	9	FOBS=	57.7	SIGMA=	1.9	PHAS=	-174.9	FOM=	0.96	TEST=	0
INDE	3	24	11	FOBS=	86.1	SIGMA=	2.5	PHAS=	-146.6	FOM=	0.36	TEST=	0
INDE	3	24	13	FOBS=	287.3	SIGMA=	0.9	PHAS=	-86.5	FOM=	0.99	TEST=	0
INDE	3	24	15	FOBS=	180.7	SIGMA=	1.1	PHAS=	-102.5	FOM=	0.96	TEST=	0
INDE	3	24	17	FOBS=	97.5	SIGMA=	1.7	PHAS=	118.7	FOM=	0.96	TEST=	0
INDE	3	24	19	FOBS=	155.8	SIGMA=	1.2	PHAS=	-153.6	FOM=	0.97	TEST=	0
INDE	3	24	21	FOBS=	99.5	SIGMA=	1.3	PHAS=	-146.9	FOM=	0.94	TEST=	0
INDE	3	24	23	FOBS=	160.9	SIGMA=	0.8	PHAS=	0.5	FOM=	0.91	TEST=	0
INDE	3	24	25	FOBS=	67.5	SIGMA=	1.7	PHAS=	-3.4	FOM=	0.91	TEST=	1
INDE	3	24	27	FOBS=	114.4	SIGMA=	1.1	PHAS=	-74.9	FOM=	0.96	TEST=	0
INDE	3	24	29	FOBS=	98.0	SIGMA=	1.3	PHAS=	-52.6	FOM=	0.65	TEST=	0
INDE	3	24	31	FOBS=	102.5	SIGMA=	1.4	PHAS=	166.0	FOM=	0.90	TEST=	0
INDE	3	24	33	FOBS=	115.2	SIGMA=	1.2	PHAS=	-77.8	FOM=	0.97	TEST=	0
INDE	3	24	35	FOBS=	242.7	SIGMA=	0.6	PHAS=	-126.9	FOM=	0.97	TEST=	0

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INDE	3	24	37	FOBS=	127.4	SIGMA=	1.2	PHAS=	73.9	FOM=	0.98	TEST=	0
INDE	3	24	39	FOBS=	136.6	SIGMA=	1.0	PHAS=	-45.4	FOM=	0.94	TEST=	0
INDE	3	24	41	FOBS=	191.8	SIGMA=	0.7	PHAS=	-112.8	FOM=	0.95	TEST=	0
INDE	3	24	43	FOBS=	95.7	SIGMA=	1.6	PHAS=	-83.7	FOM=	0.90	TEST=	0
INDE	3	24	45	FOBS=	275.7	SIGMA=	0.7	PHAS=	48.3	FOM=	0.96	TEST=	0
INDE	3	24	47	FOBS=	247.6	SIGMA=	0.8	PHAS=	-15.7	FOM=	0.95	TEST=	0
INDE	3	24	49	FOBS=	147.6	SIGMA=	1.0	PHAS=	-63.2	FOM=	0.91	TEST=	0
INDE	3	24	51	FOBS=	192.1	SIGMA=	0.8	PHAS=	86.8	FOM=	0.95	TEST=	0
INDE	3	24	53	FOBS=	98.6	SIGMA=	1.7	PHAS=	63.4	FOM=	0.92	TEST=	0
INDE	3	24	55	FOBS=	128.5	SIGMA=	1.7	PHAS=	145.6	FOM=	0.56	TEST=	1
INDE	3	24	57	FOBS=	49.0	SIGMA=	4.2	PHAS=	140.2	FOM=	0.43	TEST=	0
INDE	3	24	59	FOBS=	75.9	SIGMA=	2.7	PHAS=	-18.4	FOM=	0.75	TEST=	0
INDE	3	24	61	FOBS=	72.1	SIGMA=	3.4	PHAS=	-52.2	FOM=	0.06	TEST=	1
INDE	3	24	63	FOBS=	126.0	SIGMA=	2.7	PHAS=	174.4	FOM=	0.26	TEST=	1
INDE	3	24	65	FOBS=	0.0	SIGMA=	30.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	24	67	FOBS=	96.3	SIGMA=	3.6	PHAS=	-152.1	FOM=	0.85	TEST=	0
INDE	3	24	69	FOBS=	60.5	SIGMA=	5.5	PHAS=	96.3	FOM=	0.38	TEST=	0
INDE	3	24	71	FOBS=	52.9	SIGMA=	6.4	PHAS=	113.4	FOM=	0.16	TEST=	0
INDE	3	24	73	FOBS=	36.0	SIGMA=	9.7	PHAS=	130.7	FOM=	0.34	TEST=	0
INDE	3	25	4	FOBS=	182.1	SIGMA=	0.7	PHAS=	150.2	FOM=	0.96	TEST=	0
INDE	3	25	6	FOBS=	39.1	SIGMA=	2.6	PHAS=	123.6	FOM=	0.97	TEST=	0
INDE	3	25	8	FOBS=	85.2	SIGMA=	1.3	PHAS=	-11.6	FOM=	0.95	TEST=	0
INDE	3	25	10	FOBS=	100.8	SIGMA=	1.3	PHAS=	151.5	FOM=	0.93	TEST=	0
INDE	3	25	12	FOBS=	196.3	SIGMA=	1.5	PHAS=	134.7	FOM=	0.86	TEST=	0
INDE	3	25	14	FOBS=	103.8	SIGMA=	1.6	PHAS=	-157.6	FOM=	0.96	TEST=	0
INDE	3	25	16	FOBS=	97.6	SIGMA=	1.7	PHAS=	-13.8	FOM=	0.99	TEST=	1
INDE	3	25	18	FOBS=	149.8	SIGMA=	1.2	PHAS=	177.7	FOM=	0.87	TEST=	0
INDE	3	25	20	FOBS=	263.5	SIGMA=	0.9	PHAS=	103.1	FOM=	0.99	TEST=	0
INDE	3	25	22	FOBS=	256.2	SIGMA=	0.8	PHAS=	-102.3	FOM=	0.97	TEST=	0
INDE	3	25	24	FOBS=	110.3	SIGMA=	1.1	PHAS=	-81.8	FOM=	0.99	TEST=	0
INDE	3	25	26	FOBS=	38.0	SIGMA=	3.2	PHAS=	118.1	FOM=	0.18	TEST=	0
INDE	3	25	28	FOBS=	54.2	SIGMA=	2.4	PHAS=	159.3	FOM=	0.91	TEST=	0
INDE	3	25	30	FOBS=	107.6	SIGMA=	1.3	PHAS=	-44.6	FOM=	0.70	TEST=	0
INDE	3	25	32	FOBS=	104.3	SIGMA=	1.4	PHAS=	-88.2	FOM=	0.86	TEST=	0
INDE	3	25	34	FOBS=	294.3	SIGMA=	0.8	PHAS=	155.3	FOM=	0.97	TEST=	0
INDE	3	25	36	FOBS=	169.3	SIGMA=	1.0	PHAS=	-131.6	FOM=	0.94	TEST=	0
INDE	3	25	38	FOBS=	178.0	SIGMA=	0.9	PHAS=	22.2	FOM=	0.83	TEST=	0
INDE	3	25	40	FOBS=	289.4	SIGMA=	0.6	PHAS=	-73.0	FOM=	0.97	TEST=	0
INDE	3	25	42	FOBS=	55.7	SIGMA=	2.4	PHAS=	-95.8	FOM=	0.95	TEST=	0
INDE	3	25	44	FOBS=	0.0	SIGMA=	17.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	25	46	FOBS=	168.6	SIGMA=	1.0	PHAS=	-71.7	FOM=	0.80	TEST=	0
INDE	3	25	48	FOBS=	21.2	SIGMA=	6.6	PHAS=	-106.5	FOM=	0.37	TEST=	0
INDE	3	25	50	FOBS=	26.0	SIGMA=	5.5	PHAS=	124.2	FOM=	0.41	TEST=	0
INDE	3	25	52	FOBS=	81.5	SIGMA=	1.7	PHAS=	12.3	FOM=	0.68	TEST=	0
INDE	3	25	54	FOBS=	91.5	SIGMA=	1.9	PHAS=	-29.0	FOM=	0.87	TEST=	0
INDE	3	25	56	FOBS=	129.5	SIGMA=	1.6	PHAS=	34.4	FOM=	0.90	TEST=	0
INDE	3	25	58	FOBS=	32.1	SIGMA=	6.3	PHAS=	115.6	FOM=	0.70	TEST=	0
INDE	3	25	60	FOBS=	82.6	SIGMA=	3.0	PHAS=	-94.4	FOM=	0.75	TEST=	0
INDE	3	25	62	FOBS=	83.0	SIGMA=	3.9	PHAS=	-14.4	FOM=	0.91	TEST=	0
INDE	3	25	64	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	25	66	FOBS=	67.1	SIGMA=	5.2	PHAS=	-7.8	FOM=	0.72	TEST=	0
INDE	3	25	68	FOBS=	52.9	SIGMA=	6.5	PHAS=	115.3	FOM=	0.85	TEST=	0
INDE	3	25	70	FOBS=	27.6	SIGMA=	12.4	PHAS=	106.8	FOM=	0.44	TEST=	1
INDE	3	25	72	FOBS=	38.3	SIGMA=	9.0	PHAS=	60.1	FOM=	0.61	TEST=	0
INDE	3	26	3	FOBS=	149.8	SIGMA=	0.8	PHAS=	31.9	FOM=	0.99	TEST=	0
INDE	3	26	5	FOBS=	122.7	SIGMA=	0.7	PHAS=	147.0	FOM=	0.66	TEST=	0
INDE	3	26	7	FOBS=	100.7	SIGMA=	1.2	PHAS=	-39.4	FOM=	0.98	TEST=	0
INDE	3	26	9	FOBS=	185.5	SIGMA=	0.8	PHAS=	-71.9	FOM=	0.99	TEST=	0
INDE	3	26	11	FOBS=	88.0	SIGMA=	1.5	PHAS=	104.0	FOM=	0.39	TEST=	0
INDE	3	26	13	FOBS=	92.6	SIGMA=	2.5	PHAS=	-98.4	FOM=	0.14	TEST=	0
INDE	3	26	15	FOBS=	53.6	SIGMA=	3.0	PHAS=	176.6	FOM=	0.65	TEST=	0
INDE	3	26	17	FOBS=	64.3	SIGMA=	2.6	PHAS=	172.6	FOM=	0.94	TEST=	0
INDE	3	26	19	FOBS=	157.8	SIGMA=	1.2	PHAS=	1.5	FOM=	0.99	TEST=	0
INDE	3	26	21	FOBS=	18.9	SIGMA=	8.8	PHAS=	-129.0	FOM=	0.39	TEST=	0
INDE	3	26	23	FOBS=	133.2	SIGMA=	1.1	PHAS=	179.4	FOM=	0.98	TEST=	0
INDE	3	26	25	FOBS=	184.0	SIGMA=	0.8	PHAS=	-71.1	FOM=	0.98	TEST=	0
INDE	3	26	27	FOBS=	122.1	SIGMA=	1.2	PHAS=	-157.7	FOM=	0.91	TEST=	0
INDE	3	26	29	FOBS=	57.5	SIGMA=	2.4	PHAS=	-20.7	FOM=	0.12	TEST=	1
INDE	3	26	31	FOBS=	234.7	SIGMA=	0.8	PHAS=	165.3	FOM=	0.95	TEST=	0
INDE	3	26	33	FOBS=	0.0	SIGMA=	17.5	PHAS=	0.0	FOM=	0.00	TEST=	1

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INDE	3	26	35	FOBS=	257.0	SIGMA=	0.8	PHAS=	-148.5	FOM=	0.94	TEST=	0
INDE	3	26	37	FOBS=	204.5	SIGMA=	0.9	PHAS=	-134.1	FOM=	0.91	TEST=	0
INDE	3	26	39	FOBS=	91.0	SIGMA=	1.8	PHAS=	123.2	FOM=	0.48	TEST=	0
INDE	3	26	41	FOBS=	279.5	SIGMA=	0.7	PHAS=	-145.0	FOM=	0.97	TEST=	0
INDE	3	26	43	FOBS=	197.8	SIGMA=	0.7	PHAS=	-12.5	FOM=	0.94	TEST=	0
INDE	3	26	45	FOBS=	0.0	SIGMA=	17.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	26	47	FOBS=	111.2	SIGMA=	1.3	PHAS=	-126.9	FOM=	0.88	TEST=	0
INDE	3	26	49	FOBS=	67.4	SIGMA=	2.0	PHAS=	-18.1	FOM=	0.84	TEST=	0
INDE	3	26	51	FOBS=	126.1	SIGMA=	1.1	PHAS=	80.6	FOM=	0.73	TEST=	0
INDE	3	26	53	FOBS=	0.0	SIGMA=	16.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	26	55	FOBS=	130.9	SIGMA=	1.3	PHAS=	-138.1	FOM=	0.90	TEST=	0
INDE	3	26	57	FOBS=	39.6	SIGMA=	4.8	PHAS=	58.7	FOM=	0.35	TEST=	0
INDE	3	26	59	FOBS=	67.7	SIGMA=	3.1	PHAS=	47.1	FOM=	0.73	TEST=	0
INDE	3	26	61	FOBS=	105.6	SIGMA=	3.2	PHAS=	-173.3	FOM=	0.89	TEST=	0
INDE	3	26	63	FOBS=	129.7	SIGMA=	2.6	PHAS=	-152.6	FOM=	0.96	TEST=	0
INDE	3	26	65	FOBS=	75.3	SIGMA=	6.3	PHAS=	-79.8	FOM=	0.80	TEST=	0
INDE	3	26	67	FOBS=	55.6	SIGMA=	6.4	PHAS=	-149.7	FOM=	0.81	TEST=	0
INDE	3	26	69	FOBS=	67.0	SIGMA=	5.2	PHAS=	-8.6	FOM=	0.79	TEST=	0
INDE	3	26	71	FOBS=	59.4	SIGMA=	5.9	PHAS=	-30.9	FOM=	0.78	TEST=	0
INDE	3	26	73	FOBS=	0.0	SIGMA=	26.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	27	4	FOBS=	64.4	SIGMA=	1.6	PHAS=	-86.3	FOM=	0.89	TEST=	0
INDE	3	27	6	FOBS=	113.3	SIGMA=	0.7	PHAS=	-133.5	FOM=	0.93	TEST=	0
INDE	3	27	8	FOBS=	131.6	SIGMA=	1.0	PHAS=	-129.7	FOM=	0.99	TEST=	0
INDE	3	27	10	FOBS=	127.7	SIGMA=	1.1	PHAS=	173.3	FOM=	0.99	TEST=	0
INDE	3	27	12	FOBS=	114.7	SIGMA=	1.2	PHAS=	100.6	FOM=	0.98	TEST=	0
INDE	3	27	14	FOBS=	17.6	SIGMA=	9.3	PHAS=	-157.0	FOM=	0.05	TEST=	1
INDE	3	27	16	FOBS=	126.4	SIGMA=	1.5	PHAS=	57.0	FOM=	0.97	TEST=	0
INDE	3	27	18	FOBS=	273.4	SIGMA=	0.9	PHAS=	-92.4	FOM=	0.99	TEST=	0
INDE	3	27	20	FOBS=	31.2	SIGMA=	5.5	PHAS=	111.9	FOM=	0.66	TEST=	1
INDE	3	27	22	FOBS=	71.6	SIGMA=	2.5	PHAS=	-131.2	FOM=	0.43	TEST=	0
INDE	3	27	24	FOBS=	186.2	SIGMA=	1.0	PHAS=	105.7	FOM=	0.95	TEST=	0
INDE	3	27	26	FOBS=	170.8	SIGMA=	0.9	PHAS=	133.3	FOM=	0.92	TEST=	0
INDE	3	27	28	FOBS=	131.0	SIGMA=	1.2	PHAS=	-99.3	FOM=	0.91	TEST=	0
INDE	3	27	30	FOBS=	83.4	SIGMA=	1.8	PHAS=	115.7	FOM=	0.87	TEST=	0
INDE	3	27	32	FOBS=	193.3	SIGMA=	0.9	PHAS=	-152.5	FOM=	0.89	TEST=	0
INDE	3	27	34	FOBS=	159.9	SIGMA=	1.1	PHAS=	-152.8	FOM=	0.96	TEST=	0
INDE	3	27	36	FOBS=	431.0	SIGMA=	0.9						

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FOBS= TEST=

INDE	3	28	35	FOBS=	26.0	SIGMA=	8.1	PHAS=	134.8	FOM=	0.72	TEST=	0
INDE	3	28	37	FOBS=	269.2	SIGMA=	0.9	PHAS=	61.2	FOM=	0.97	TEST=	0
INDE	3	28	39	FOBS=	64.2	SIGMA=	3.4	PHAS=	12.7	FOM=	0.62	TEST=	0
INDE	3	28	41	FOBS=	214.2	SIGMA=	1.0	PHAS=	111.6	FOM=	0.91	TEST=	0
INDE	3	28	43	FOBS=	139.0	SIGMA=	1.0	PHAS=	-18.8	FOM=	0.95	TEST=	0
INDE	3	28	45	FOBS=	158.1	SIGMA=	0.9	PHAS=	-96.3	FOM=	0.93	TEST=	0
INDE	3	28	47	FOBS=	0.0	SIGMA=	17.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	28	49	FOBS=	90.1	SIGMA=	1.6	PHAS=	-170.3	FOM=	0.59	TEST=	0
INDE	3	28	51	FOBS=	92.9	SIGMA=	1.5	PHAS=	-63.0	FOM=	0.92	TEST=	0
INDE	3	28	53	FOBS=	85.0	SIGMA=	1.6	PHAS=	-22.3	FOM=	0.81	TEST=	0
INDE	3	28	55	FOBS=	66.0	SIGMA=	2.0	PHAS=	-95.3	FOM=	0.62	TEST=	1
INDE	3	28	57	FOBS=	47.6	SIGMA=	3.5	PHAS=	36.0	FOM=	0.46	TEST=	0
INDE	3	28	59	FOBS=	49.3	SIGMA=	3.7	PHAS=	72.2	FOM=	0.46	TEST=	0
INDE	3	28	61	FOBS=	35.7	SIGMA=	9.0	PHAS=	-133.8	FOM=	0.62	TEST=	0
INDE	3	28	63	FOBS=	34.4	SIGMA=	9.4	PHAS=	35.4	FOM=	0.04	TEST=	1
INDE	3	28	65	FOBS=	20.3	SIGMA=	24.0	PHAS=	-46.2	FOM=	0.39	TEST=	0
INDE	3	28	67	FOBS=	35.7	SIGMA=	10.2	PHAS=	143.6	FOM=	0.28	TEST=	1
INDE	3	28	69	FOBS=	96.8	SIGMA=	3.8	PHAS=	-74.0	FOM=	0.94	TEST=	0
INDE	3	28	71	FOBS=	45.1	SIGMA=	8.1	PHAS=	93.2	FOM=	0.77	TEST=	0
INDE	3	29	4	FOBS=	143.8	SIGMA=	0.9	PHAS=	40.5	FOM=	0.97	TEST=	0
INDE	3	29	6	FOBS=	172.7	SIGMA=	0.6	PHAS=	76.2	FOM=	0.98	TEST=	0
INDE	3	29	8	FOBS=	38.7	SIGMA=	3.0	PHAS=	-84.8	FOM=	0.83	TEST=	0
INDE	3	29	10	FOBS=	179.2	SIGMA=	0.9	PHAS=	-117.8	FOM=	0.63	TEST=	1
INDE	3	29	12	FOBS=	205.0	SIGMA=	0.9	PHAS=	28.1	FOM=	0.96	TEST=	0
INDE	3	29	14	FOBS=	90.2	SIGMA=	2.8	PHAS=	-16.7	FOM=	0.53	TEST=	0
INDE	3	29	16	FOBS=	194.6	SIGMA=	1.2	PHAS=	-120.3	FOM=	0.90	TEST=	0
INDE	3	29	18	FOBS=	139.1	SIGMA=	1.5	PHAS=	-78.4	FOM=	0.79	TEST=	0
INDE	3	29	20	FOBS=	132.4	SIGMA=	1.6	PHAS=	1.1	FOM=	0.92	TEST=	0
INDE	3	29	22	FOBS=	149.8	SIGMA=	1.5	PHAS=	-163.8	FOM=	0.92	TEST=	0
INDE	3	29	24	FOBS=	152.8	SIGMA=	1.5	PHAS=	-73.6	FOM=	0.86	TEST=	0
INDE	3	29	26	FOBS=	160.7	SIGMA=	1.1	PHAS=	72.0	FOM=	0.98	TEST=	0
INDE	3	29	28	FOBS=	180.0	SIGMA=	1.0	PHAS=	-158.7	FOM=	0.96	TEST=	0
INDE	3	29	30	FOBS=	44.6	SIGMA=	3.6	PHAS=	13.6	FOM=	0.79	TEST=	0
INDE	3	29	32	FOBS=	193.1	SIGMA=	1.0	PHAS=	156.5	FOM=	0.93	TEST=	0
INDE	3	29	34	FOBS=	221.6	SIGMA=	0.9	PHAS=	-146.5	FOM=	0.98	TEST=	0
INDE	3	29	36	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	29	38	FOBS=	270.5	SIGMA=	0.9	PHAS=	34.7	FOM=	0.97	TEST=	0
INDE	3	29	40	FOBS=	122.2	SIGMA=	1.7	PHAS=	-138.3	FOM=	0.83	TEST=	0
INDE	3	29	42	FOBS=	179.3	SIGMA=	1.0	PHAS=	-167.3	FOM=	0.90	TEST=	0
INDE	3	29	44	FOBS=	131.7	SIGMA=	1.2	PHAS=	172.4	FOM=	0.87	TEST=	0
INDE	3	29	46	FOBS=	151.5	SIGMA=	0.9	PHAS=	-162.2	FOM=	0.84	TEST=	1
INDE	3	29	48	FOBS=	64.2	SIGMA=	2.1	PHAS=	-56.9	FOM=	0.63	TEST=	0
INDE	3	29	50	FOBS=	44.1	SIGMA=	3.1	PHAS=	90.6	FOM=	0.66	TEST=	0
INDE	3	29	52	FOBS=	89.6	SIGMA=	1.6	PHAS=	101.4	FOM=	0.82	TEST=	0
INDE	3	29	54	FOBS=	22.8	SIGMA=	6.5	PHAS=	174.0	FOM=	0.35	TEST=	0
INDE	3	29	56	FOBS=	104.9	SIGMA=	1.5	PHAS=	-54.5	FOM=	0.87	TEST=	0
INDE	3	29	58	FOBS=	103.2	SIGMA=	1.8	PHAS=	115.9	FOM=	0.62	TEST=	0
INDE	3	29	60	FOBS=	72.2	SIGMA=	2.8	PHAS=	-1.7	FOM=	0.25	TEST=	0
INDE	3	29	62	FOBS=	48.9	SIGMA=	6.7	PHAS=	70.2	FOM=	0.80	TEST=	0
INDE	3	29	64	FOBS=	60.9	SIGMA=	5.4	PHAS=	135.2	FOM=	0.90	TEST=	0
INDE	3	29	66	FOBS=	46.8	SIGMA=	10.6	PHAS=	-113.8	FOM=	0.67	TEST=	0
INDE	3	29	68	FOBS=	0.0	SIGMA=	27.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	29	70	FOBS=	40.9	SIGMA=	8.9	PHAS=	-146.9	FOM=	0.43	TEST=	0
INDE	3	29	72	FOBS=	31.4	SIGMA=	11.9	PHAS=	49.6	FOM=	0.53	TEST=	0
INDE	3	30	3	FOBS=	205.1	SIGMA=	0.7	PHAS=	-61.0	FOM=	0.93	TEST=	0
INDE	3	30	5	FOBS=	179.4	SIGMA=	0.8	PHAS=	-79.4	FOM=	0.98	TEST=	0
INDE	3	30	7	FOBS=	207.6	SIGMA=	0.5	PHAS=	-92.6	FOM=	0.91	TEST=	0
INDE	3	30	9	FOBS=	113.5	SIGMA=	1.2	PHAS=	153.6	FOM=	0.95	TEST=	1
INDE	3	30	11	FOBS=	184.5	SIGMA=	0.9	PHAS=	-124.7	FOM=	0.94	TEST=	1
INDE	3	30	13	FOBS=	154.1	SIGMA=	1.1	PHAS=	-32.8	FOM=	0.94	TEST=	0
INDE	3	30	15	FOBS=	124.6	SIGMA=	2.3	PHAS=	-125.9	FOM=	0.34	TEST=	0
INDE	3	30	17	FOBS=	171.0	SIGMA=	1.3	PHAS=	-21.0	FOM=	0.87	TEST=	0
INDE	3	30	19	FOBS=	125.7	SIGMA=	1.7	PHAS=	-169.1	FOM=	0.99	TEST=	0
INDE	3	30	21	FOBS=	200.7	SIGMA=	1.2	PHAS=	7.7	FOM=	0.99	TEST=	0
INDE	3	30	23	FOBS=	158.9	SIGMA=	1.5	PHAS=	11.3	FOM=	0.96	TEST=	0
INDE	3	30	25	FOBS=	323.8	SIGMA=	0.9	PHAS=	139.6	FOM=	0.99	TEST=	0
INDE	3	30	27	FOBS=	137.2	SIGMA=	1.2	PHAS=	153.9	FOM=	0.97	TEST=	0
INDE	3	30	29	FOBS=	218.9	SIGMA=	0.9	PHAS=	-144.9	FOM=	0.99	TEST=	0
INDE	3	30	31	FOBS=	192.3	SIGMA=	1.0	PHAS=	107.4	FOM=	0.98	TEST=	0
INDE	3	30	33	FOBS=	160.8	SIGMA=	1.2	PHAS=	119.5	FOM=	0.98	TEST=	0

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INDE	3	30	35	FOBS=	214.5	SIGMA=	1.0	PHAS=	-179.3	FOM=	0.95	TEST=	0
INDE	3	30	37	FOBS=	311.9	SIGMA=	0.8	PHAS=	54.4	FOM=	0.98	TEST=	0
INDE	3	30	39	FOBS=	98.0	SIGMA=	2.3	PHAS=	-20.4	FOM=	0.92	TEST=	0
INDE	3	30	41	FOBS=	68.5	SIGMA=	2.6	PHAS=	114.2	FOM=	0.94	TEST=	0
INDE	3	30	43	FOBS=	72.3	SIGMA=	2.1	PHAS=	85.6	FOM=	0.42	TEST=	0
INDE	3	30	45	FOBS=	38.3	SIGMA=	3.5	PHAS=	-117.1	FOM=	0.61	TEST=	1
INDE	3	30	47	FOBS=	47.3	SIGMA=	2.7	PHAS=	100.4	FOM=	0.41	TEST=	0
INDE	3	30	49	FOBS=	144.0	SIGMA=	1.0	PHAS=	166.6	FOM=	0.42	TEST=	1
INDE	3	30	51	FOBS=	67.2	SIGMA=	2.1	PHAS=	-7.0	FOM=	0.92	TEST=	0
INDE	3	30	53	FOBS=	121.1	SIGMA=	1.2	PHAS=	89.0	FOM=	0.43	TEST=	0
INDE	3	30	55	FOBS=	104.8	SIGMA=	1.5	PHAS=	-164.2	FOM=	0.84	TEST=	0
INDE	3	30	57	FOBS=	128.3	SIGMA=	1.3	PHAS=	-15.5	FOM=	0.32	TEST=	1
INDE	3	30	59	FOBS=	42.0	SIGMA=	4.8	PHAS=	63.4	FOM=	0.08	TEST=	1
INDE	3	30	61	FOBS=	44.7	SIGMA=	4.5	PHAS=	84.2	FOM=	0.37	TEST=	0
INDE	3	30	63	FOBS=	136.1	SIGMA=	2.2	PHAS=	27.0	FOM=	0.97	TEST=	0
INDE	3	30	65	FOBS=	81.4	SIGMA=	6.2	PHAS=	138.1	FOM=	0.91	TEST=	0
INDE	3	30	67	FOBS=	51.2	SIGMA=	7.3	PHAS=	104.9	FOM=	0.52	TEST=	0
INDE	3	30	69	FOBS=	42.7	SIGMA=	8.7	PHAS=	-39.7	FOM=	0.76	TEST=	0
INDE	3	30	71	FOBS=	0.0	SIGMA=	27.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	31	4	FOBS=	87.8	SIGMA=	1.4	PHAS=	-163.3	FOM=	0.99	TEST=	0
INDE	3	31	6	FOBS=	144.6	SIGMA=	0.7	PHAS=	-103.8	FOM=	0.91	TEST=	0
INDE	3	31	8	FOBS=	57.4	SIGMA=	1.4	PHAS=	143.6	FOM=	0.98	TEST=	0
INDE	3	31	10	FOBS=	100.3	SIGMA=	1.4	PHAS=	33.9	FOM=	0.94	TEST=	0
INDE	3	31	12	FOBS=	109.1	SIGMA=	1.4	PHAS=	-8.3	FOM=	0.35	TEST=	0
INDE	3	31	14	FOBS=	170.6	SIGMA=	1.1	PHAS=	172.7	FOM=	0.93	TEST=	0
INDE	3	31	16	FOBS=	244.8	SIGMA=	1.1	PHAS=	-104.0	FOM=	0.94	TEST=	0
INDE	3	31	18	FOBS=	76.6	SIGMA=	2.6	PHAS=	-48.0	FOM=	0.98	TEST=	0
INDE	3	31	20	FOBS=	287.6	SIGMA=	1.0	PHAS=	-109.1	FOM=	0.97	TEST=	1
INDE	3	31	22	FOBS=	185.9	SIGMA=	1.3	PHAS=	-87.4	FOM=	0.96	TEST=	0
INDE	3	31	24	FOBS=	198.3	SIGMA=	1.3	PHAS=	-17.9	FOM=	0.92	TEST=	0
INDE	3	31	26	FOBS=	394.2	SIGMA=	0.7	PHAS=	166.3	FOM=	0.97	TEST=	0
INDE	3	31	28	FOBS=	199.2	SIGMA=	1.0	PHAS=	-164.5	FOM=	0.87	TEST=	0
INDE	3	31	30	FOBS=	127.1	SIGMA=	1.5	PHAS=	49.8	FOM=	0.99	TEST=	0
INDE	3	31	32	FOBS=	21.8	SIGMA=	8.6	PHAS=	-167.4	FOM=	0.92	TEST=	0
INDE	3	31	34	FOBS=	109.6	SIGMA=	1.9	PHAS=	74.2	FOM=	0.86	TEST=	0
INDE	3	31	36	FOBS=	225.6	SIGMA=	1.1	PHAS=	-26.1	FOM=	0.33	TEST=	1
INDE	3	31	38	FOBS=	227.2	SIGMA=	1.1	PHAS=	-56.5	FOM=	0.94	TEST=	0
INDE	3	31	40	FOBS=	146.8	SIGMA=	1.4	PHAS=	153.0	FOM=	0.90	TEST=	0
INDE	3	31	42	FOBS=	108.8	SIGMA=	1.6	PHAS=	-121.1	FOM=	0.90	TEST=	0
INDE	3	31	44	FOBS=	181.1	SIGMA=	0.9	PHAS=	85.3	FOM=	0.96	TEST=	0
INDE	3	31	46	FOBS=	70.0	SIGMA=	2.0	PHAS=	-178.7	FOM=	0.19	TEST=	0
INDE	3	31	48	FOBS=	49.9	SIGMA=	2.7	PHAS=	73.6	FOM=	0.84	TEST=	0
INDE	3	31	50	FOBS=	46.6	SIGMA=	2.9	PHAS=	121.1	FOM=	0.45	TEST=	0
INDE	3	31	52	FOBS=	99.2	SIGMA=	1.4	PHAS=	-60.6	FOM=	0.90	TEST=	0
INDE	3	31	54	FOBS=	122.6	SIGMA=	1.2	PHAS=	45.4	FOM=	0.89	TEST=	0
INDE	3	31	56	FOBS=	86.7	SIGMA=	1.8	PHAS=	-5.1	FOM=	0.91	TEST=	0
INDE	3	31	58	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	31	60	FOBS=	76.4	SIGMA=	2.7	PHAS=	33.0	FOM=	0.86	TEST=	1
INDE	3	31	62	FOBS=	160.3	SIGMA=	1.4	PHAS=	-21.6	FOM=	0.97	TEST=	0
INDE	3	31	64	FOBS=	46.7	SIGMA=	6.0	PHAS=	-85.7	FOM=	0.43	TEST=	1
INDE	3	31	66	FOBS=	110.0	SIGMA=	4.8	PHAS=	5.5	FOM=	0.93	TEST=	0
INDE	3	31	68	FOBS=	0.0	SIGMA=	27.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	31	70	FOBS=	45.2	SIGMA=	12.3	PHAS=	-79.9	FOM=	0.60	TEST=	0
INDE	3	32	3	FOBS=	113.2	SIGMA=	1.1	PHAS=	114.2	FOM=	0.99	TEST=	0
INDE	3	32	5	FOBS=	123.4	SIGMA=	1.1	PHAS=	-41.9	FOM=	0.80	TEST=	0
INDE	3	32	7	FOBS=	143.7	SIGMA=	0.6	PHAS=	-154.9	FOM=	0.93	TEST=	0
INDE	3	32	9	FOBS=	208.8	SIGMA=	0.9	PHAS=	-128.4	FOM=	0.92	TEST=	0
INDE	3	32	11	FOBS=	205.2	SIGMA=	0.9	PHAS=	171.2	FOM=	0.93	TEST=	0
INDE	3	32	13	FOBS=	130.0	SIGMA=	1.3	PHAS=	114.4	FOM=	0.81	TEST=	0
INDE	3	32	17	FOBS=	101.1	SIGMA=	2.1	PHAS=	-104.8	FOM=	0.77	TEST=	0
INDE	3	32	19	FOBS=	238.6	SIGMA=	1.1	PHAS=	-3.4	FOM=	0.84	TEST=	0
INDE	3	32	21	FOBS=	311.7	SIGMA=	1.0	PHAS=	-155.3	FOM=	0.90	TEST=	0
INDE	3	32	23	FOBS=	104.2	SIGMA=	2.2	PHAS=	-12.7	FOM=	0.85	TEST=	0
INDE	3	32	25	FOBS=	378.4	SIGMA=	1.0	PHAS=	172.2	FOM=	0.98	TEST=	0
INDE	3	32	27	FOBS=	248.1	SIGMA=	1.0	PHAS=	102.6	FOM=	0.95	TEST=	0
INDE	3	32	29	FOBS=	95.7	SIGMA=	1.9	PHAS=	-30.1	FOM=	0.74	TEST=	0
INDE	3	32	31	FOBS=	48.8	SIGMA=	3.9	PHAS=	54.0	FOM=	0.81	TEST=	0
INDE	3	32	33	FOBS=	93.6	SIGMA=	2.2	PHAS=	30.8	FOM=	0.80	TEST=	0
INDE	3	32	35	FOBS=	398.7	SIGMA=	1.1	PHAS=	-107.4	FOM=	0.97	TEST=	0
INDE	3	32	37	FOBS=	240.3	SIGMA=	1.0	PHAS=	141.8	FOM=	0.94	TEST=	0

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INDE	3	32	39	FOBS=	89.3	SIGMA=	2.6	PHAS=	-120.1	FOM=	0.65	TEST=	0
INDE	3	32	41	FOBS=	81.2	SIGMA=	2.2	PHAS=	-38.5	FOM=	0.84	TEST=	0
INDE	3	32	43	FOBS=	66.5	SIGMA=	2.4	PHAS=	-84.5	FOM=	0.37	TEST=	0
INDE	3	32	45	FOBS=	207.0	SIGMA=	0.8	PHAS=	17.2	FOM=	0.89	TEST=	0
INDE	3	32	47	FOBS=	75.7	SIGMA=	2.1	PHAS=	-59.5	FOM=	0.83	TEST=	0
INDE	3	32	49	FOBS=	135.0	SIGMA=	1.0	PHAS=	34.2	FOM=	0.92	TEST=	0
INDE	3	32	51	FOBS=	35.7	SIGMA=	4.4	PHAS=	-155.2	FOM=	0.35	TEST=	0
INDE	3	32	53	FOBS=	81.7	SIGMA=	1.7	PHAS=	-164.5	FOM=	0.72	TEST=	0
INDE	3	32	55	FOBS=	92.4	SIGMA=	1.6	PHAS=	-44.0	FOM=	0.95	TEST=	0
INDE	3	32	57	FOBS=	32.7	SIGMA=	5.2	PHAS=	-40.9	FOM=	0.46	TEST=	0
INDE	3	32	59	FOBS=	100.1	SIGMA=	1.9	PHAS=	55.9	FOM=	0.95	TEST=	0
INDE	3	32	61	FOBS=	64.6	SIGMA=	3.2	PHAS=	-85.6	FOM=	0.91	TEST=	0
INDE	3	32	63	FOBS=	66.0	SIGMA=	3.4	PHAS=	-86.1	FOM=	0.89	TEST=	0
INDE	3	32	65	FOBS=	141.3	SIGMA=	2.3	PHAS=	-93.6	FOM=	0.15	TEST=	1
INDE	3	32	67	FOBS=	72.4	SIGMA=	7.2	PHAS=	-17.7	FOM=	0.80	TEST=	0
INDE	3	32	69	FOBS=	30.3	SIGMA=	12.6	PHAS=	-63.9	FOM=	0.68	TEST=	0
INDE	3	33	4	FOBS=	128.0	SIGMA=	1.1	PHAS=	-167.4	FOM=	0.96	TEST=	0
INDE	3	33	6	FOBS=	257.5	SIGMA=	0.6	PHAS=	-130.7	FOM=	0.99	TEST=	0
INDE	3	33	8	FOBS=	91.0	SIGMA=	1.0	PHAS=	-173.4	FOM=	0.73	TEST=	1
INDE	3	33	10	FOBS=	178.8	SIGMA=	1.0	PHAS=	108.9	FOM=	0.96	TEST=	0
INDE	3	33	12	FOBS=	91.3	SIGMA=	1.7	PHAS=	70.3	FOM=	0.95	TEST=	0
INDE	3	33	14	FOBS=	200.1	SIGMA=	1.0	PHAS=	119.6	FOM=	0.98	TEST=	1
INDE	3	33	16	FOBS=	147.2	SIGMA=	2.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	3	33	18	FOBS=	143.7	SIGMA=	1.7	PHAS=	62.5	FOM=	0.98	TEST=	0
INDE	3	33	20	FOBS=	96.2	SIGMA=	2.4	PHAS=	-171.3	FOM=	0.67	TEST=	0
INDE	3	33	22	FOBS=	177.5	SIGMA=	1.5	PHAS=	93.5	FOM=	0.95	TEST=	1
INDE	3	33	24	FOBS=	338.5	SIGMA=	1.0	PHAS=	48.5	FOM=	0.98	TEST=	0
INDE	3	33	26	FOBS=	300.9	SIGMA=	1.1	PHAS=	111.3	FOM=	0.96	TEST=	0
INDE	3	33	28	FOBS=	229.8	SIGMA=	1.1	PHAS=	-52.1	FOM=	0.92	TEST=	0
INDE	3	33	30	FOBS=	319.9	SIGMA=	0.8	PHAS=	-40.0	FOM=	0.97	TEST=	0
INDE	3	33	32	FOBS=	13.1	SIGMA=	16.6	PHAS=	-33.0	FOM=	0.11	TEST=	0
INDE	3	33	34	FOBS=	43.9	SIGMA=	7.5	PHAS=	144.4	FOM=	0.93	TEST=	0
INDE	3	33	36	FOBS=	141.2	SIGMA=	1.7	PHAS=	-121.2	FOM=	0.93	TEST=	0
INDE	3	33	38	FOBS=	100.0	SIGMA=	2.2	PHAS=	147.1	FOM=	0.41	TEST=	0
INDE	3	33	40	FOBS=	135.1	SIGMA=	1.7	PHAS=	178.5	FOM=	0.89	TEST=	0
INDE	3	33	42	FOBS=	171.6	SIGMA=	1.1	PHAS=	-108.0	FOM=	0.93	TEST=	0
INDE	3	33	44	FOBS=	20.8	SIGMA=	9.6	PHAS=	-58.4	FOM=	0.05	TEST=	0
INDE	3	33	46	FOBS=	104.3	SIGMA=	1.4	PHAS=	-80.7	FOM=	0.17	TEST=	1
INDE	3	33	48	FOBS=	97.1	SIGMA=	1.5	PHAS=	-48.8	FOM=	0.89	TEST=	0
INDE	3	33	50	FOBS=	55.4	SIGMA=	2.6	PHAS=	-171.4	FOM=	0.66	TEST=	0
INDE	3	33	52	FOBS=	52.7	SIGMA=	2.7	PHAS=	-108.7	FOM=	0.77	TEST=	0
INDE	3	33	54	FOBS=	81.3	SIGMA=	1.9	PHAS=	-155.0	FOM=	0.89	TEST=	0
INDE	3	33	56	FOBS=	0.0	SIGMA=	17.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	33	58	FOBS=	54.5	SIGMA=	3.5	PHAS=	-55.4	FOM=	0.73	TEST=	0
INDE	3	33	60	FOBS=	23.6	SIGMA=	7.6	PHAS=	162.2	FOM=	0.07	TEST=	0
INDE	3	33	62	FOBS=	48.4	SIGMA=	4.3	PHAS=	169.6	FOM=	0.71	TEST=	0
INDE	3	33	64	FOBS=	136.0	SIGMA=	1.8	PHAS=	-170.9	FOM=	0.97	TEST=	0
INDE	3	33	66	FOBS=	98.1	SIGMA=	3.1	PHAS=	-41.6	FOM=	0.84	TEST=	0
INDE	3	33	68	FOBS=	125.3	SIGMA=	3.2	PHAS=	-141.3	FOM=	0.96	TEST=	0
INDE	3	33	70	FOBS=	41.9	SIGMA=	9.2	PHAS=	-155.4	FOM=	0.52	TEST=	0
INDE	3	34	3	FOBS=	190.0	SIGMA=	0.8	PHAS=	44.9	FOM=	0.86	TEST=	0
INDE	3	34	5	FOBS=	207.5	SIGMA=	0.8	PHAS=	119.2	FOM=	0.95	TEST=	0
INDE	3	34	7	FOBS=	123.0	SIGMA=	1.0	PHAS=	168.3	FOM=	0.98	TEST=	0
INDE	3	34	9	FOBS=	44.0	SIGMA=	2.1	PHAS=	11.4	FOM=	0.95	TEST=	0
INDE	3	34	11	FOBS=	230.9	SIGMA=	0.9	PHAS=	130.3	FOM=	0.93	TEST=	0
INDE	3	34	13	FOBS=	280.1	SIGMA=	0.9	PHAS=	46.4	FOM=	0.96	TEST=	0
INDE	3	34	15	FOBS=	93.4	SIGMA=	2.0	PHAS=	-103.0	FOM=	0.87	TEST=	1
INDE	3	34	17	FOBS=	130.5	SIGMA=	1.9	PHAS=	-124.7	FOM=	0.27	TEST=	0
INDE	3	34	19	FOBS=	30.2	SIGMA=	7.4	PHAS=	114.3	FOM=	0.82	TEST=	0
INDE	3	34	21	FOBS=	143.6	SIGMA=	1.8	PHAS=	111.4	FOM=	0.96	TEST=	0
INDE	3	34	23	FOBS=	233.0	SIGMA=	1.3	PHAS=	6.4	FOM=	0.89	TEST=	0
INDE	3	34	25	FOBS=	158.3	SIGMA=	1.8	PHAS=	34.1	FOM=	0.87	TEST=	0
INDE	3	34	27	FOBS=	147.2	SIGMA=	2.0	PHAS=	-114.3	FOM=	0.80	TEST=	0
INDE	3	34	29	FOBS=	167.8	SIGMA=	1.4	PHAS=	-112.4	FOM=	0.86	TEST=	0
INDE	3	34	31	FOBS=	257.0	SIGMA=	1.0	PHAS=	-106.2	FOM=	0.98	TEST=	0
INDE	3	34	33	FOBS=	225.8	SIGMA=	1.1	PHAS=	-20.1	FOM=	0.97	TEST=	0
INDE	3	34	35	FOBS=	165.8	SIGMA=	1.5	PHAS=	-163.1	FOM=	0.92	TEST=	0
INDE	3	34	37	FOBS=	288.6	SIGMA=	0.9	PHAS=	109.5	FOM=	0.96	TEST=	0
INDE	3	34	39	FOBS=	80.9	SIGMA=	2.8	PHAS=	-132.7	FOM=	0.71	TEST=	0
INDE	3	34	41	FOBS=	68.5	SIGMA=	2.9	PHAS=	-157.1	FOM=	0.30	TEST=	0

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INDE	3	34	43	FOBS=	74.0	SIGMA=	2.3	PHAS=	-171.6	FOM=	0.36	TEST=	0
INDE	3	34	45	FOBS=	113.4	SIGMA=	1.4	PHAS=	149.1	FOM=	0.88	TEST=	0
INDE	3	34	47	FOBS=	126.2	SIGMA=	1.2	PHAS=	172.5	FOM=	0.92	TEST=	0
INDE	3	34	49	FOBS=	78.4	SIGMA=	1.9	PHAS=	-29.7	FOM=	0.61	TEST=	0
INDE	3	34	51	FOBS=	91.2	SIGMA=	1.6	PHAS=	133.6	FOM=	0.92	TEST=	0
INDE	3	34	53	FOBS=	71.2	SIGMA=	2.1	PHAS=	169.4	FOM=	0.91	TEST=	0
INDE	3	34	55	FOBS=	91.7	SIGMA=	2.0	PHAS=	47.5	FOM=	0.40	TEST=	1
INDE	3	34	57	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	34	59	FOBS=	41.5	SIGMA=	4.3	PHAS=	67.4	FOM=	0.72	TEST=	0
INDE	3	34	61	FOBS=	43.1	SIGMA=	4.3	PHAS=	47.4	FOM=	0.71	TEST=	0
INDE	3	34	63	FOBS=	90.1	SIGMA=	2.6	PHAS=	94.0	FOM=	0.25	TEST=	1
INDE	3	34	65	FOBS=	54.8	SIGMA=	4.2	PHAS=	129.6	FOM=	0.13	TEST=	0
INDE	3	34	67	FOBS=	41.0	SIGMA=	7.5	PHAS=	118.2	FOM=	0.71	TEST=	0
INDE	3	34	69	FOBS=	72.5	SIGMA=	7.4	PHAS=	110.3	FOM=	0.71	TEST=	0
INDE	3	35	4	FOBS=	194.9	SIGMA=	0.9	PHAS=	77.0	FOM=	0.63	TEST=	1
INDE	3	35	8	FOBS=	174.0	SIGMA=	0.7	PHAS=	-25.3	FOM=	0.98	TEST=	0
INDE	3	35	10	FOBS=	52.6	SIGMA=	1.9	PHAS=	-156.4	FOM=	0.15	TEST=	0
INDE	3	35	12	FOBS=	333.0	SIGMA=	0.8	PHAS=	36.7	FOM=	0.99	TEST=	0
INDE	3	35	14	FOBS=	72.8	SIGMA=	2.5	PHAS=	165.8	FOM=	0.42	TEST=	0
INDE	3	35	16	FOBS=	303.7	SIGMA=	0.8	PHAS=	11.0	FOM=	0.97	TEST=	0
INDE	3	35	18	FOBS=	83.1	SIGMA=	2.9	PHAS=	-163.0	FOM=	0.61	TEST=	0
INDE	3	35	20	FOBS=	247.8	SIGMA=	1.3	PHAS=	161.1	FOM=	0.93	TEST=	0
INDE	3	35	22	FOBS=	251.5	SIGMA=	1.3	PHAS=	-0.4	FOM=	0.85	TEST=	0
INDE	3	35	24	FOBS=	205.9	SIGMA=	1.5	PHAS=	-73.7	FOM=	0.95	TEST=	0
INDE	3	35	26	FOBS=	91.8	SIGMA=	3.0	PHAS=	-21.3	FOM=	0.70	TEST=	1
INDE	3	35	28	FOBS=	29.8	SIGMA=	9.6	PHAS=	-9.0	FOM=	0.14	TEST=	0
INDE	3	35	30	FOBS=	59.8	SIGMA=	3.5	PHAS=	50.1	FOM=	0.21	TEST=	0
INDE	3	35	32	FOBS=	202.3	SIGMA=	1.2	PHAS=	-154.8	FOM=	0.97	TEST=	0
INDE	3	35	34	FOBS=	16.1	SIGMA=	14.4	PHAS=	-35.8	FOM=	0.56	TEST=	1
INDE	3	35	36	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	3	35	38	FOBS=	119.7	SIGMA=	2.0	PHAS=	18.1	FOM=	0.68	TEST=	0
INDE	3	35	40	FOBS=	110.3	SIGMA=	2.1	PHAS=	157.1	FOM=	0.63	TEST=	1
INDE	3	35	42	FOBS=	66.8	SIGMA=	2.6	PHAS=	-114.9	FOM=	0.90	TEST=	0
INDE	3	35	44	FOBS=	150.4	SIGMA=	1.1	PHAS=	-101.4	FOM=	0.80	TEST=	1
INDE	3	35	46	FOBS=	92.7	SIGMA=	1.6	PHAS=	20.9	FOM=	0.90	TEST=	0
INDE	3	35	48	FOBS=	99.7	SIGMA=	1.5	PHAS=	157.0	FOM=	0.89	TEST=	0
INDE	3	35	50	FOBS=	26.8	SIGMA=	5.5	PHAS=	-122.7	FOM=	0.27	TEST=	0
INDE	3	35	52	FOBS=	80.0	SIGMA=	1.8	PHAS=	26.7	FOM=	0.88	TEST=	0
INDE	3	35	54	FOBS=	0.0	SIGMA=	18.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	35	56	FOBS=	57.0	SIGMA=	3.1	PHAS=	75.0	FOM=	0.40	TEST=	1
INDE	3	35	58	FOBS=	91.3	SIGMA=	2.0	PHAS=	-21.7	FOM=	0.77	TEST=	0
INDE	3	35	60	FOBS=	113.9	SIGMA=	1.9	PHAS=	-11.8	FOM=	0.91	TEST=	0
INDE	3	35	62	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	35	64	FOBS=	12.2	SIGMA=	18.5	PHAS=	-151.1	FOM=	0.25	TEST=	0
INDE	3	35	66	FOBS=	26.2	SIGMA=	10.0	PHAS=	107.3	FOM=	0.26	TEST=	0
INDE	3	35	68	FOBS=	48.4	SIGMA=	5.7	PHAS=	-154.0	FOM=	0.56	TEST=	0
INDE	3	36	3	FOBS=	157.2	SIGMA=	1.0	PHAS=	-115.9	FOM=	0.64	TEST=	0
INDE	3	36	5	FOBS=	85.5	SIGMA=	1.8	PHAS=	80.5	FOM=	0.88	TEST=	0
INDE	3	36	7	FOBS=	130.0	SIGMA=	1.0	PHAS=	121.6	FOM=	0.94	TEST=	0
INDE	3	36	9	FOBS=	155.6	SIGMA=	0.7	PHAS=	146.0	FOM=	0.89	TEST=	0
INDE	3	36	11	FOBS=	57.2	SIGMA=	2.8	PHAS=	-3.2	FOM=	0.79	TEST=	0
INDE	3	36	13	FOBS=	234.5	SIGMA=	1.0	PHAS=	-69.9	FOM=	0.97	TEST=	0
INDE	3	36	15	FOBS=	140.1	SIGMA=	1.5	PHAS=	-113.3	FOM=	0.98	TEST=	0
INDE	3	36	17	FOBS=	74.6	SIGMA=	2.3	PHAS=	31.8	FOM=	0.43	TEST=	0
INDE	3	36	19	FOBS=	168.5	SIGMA=	1.7	PHAS=	89.3	FOM=	0.77	TEST=	0
INDE	3	36	21	FOBS=	219.5	SIGMA=	1.4	PHAS=	145.3	FOM=	0.95	TEST=	0
INDE	3	36	23	FOBS=	222.8	SIGMA=	1.4	PHAS=	-155.0	FOM=	0.95	TEST=	0
INDE	3	36	25	FOBS=	190.3	SIGMA=	1.7	PHAS=	-159.0	FOM=	0.96	TEST=	0
INDE	3	36	27	FOBS=	271.2	SIGMA=	1.3	PHAS=	-93.3	FOM=	0.96	TEST=	0
INDE	3	36	29	FOBS=	127.6	SIGMA=	2.2	PHAS=	133.7	FOM=	0.85	TEST=	0
INDE	3	36	31	FOBS=	181.3	SIGMA=	1.3	PHAS=	105.9	FOM=	0.94	TEST=	0
INDE	3	36	33	FOBS=	144.5	SIGMA=	1.7	PHAS=	35.6	FOM=	0.88	TEST=	0
INDE	3	36	35	FOBS=	100.2	SIGMA=	2.4	PHAS=	-146.6	FOM=	0.88	TEST=	0
INDE	3	36	37	FOBS=	90.3	SIGMA=	2.5	PHAS=	-56.6	FOM=	0.63	TEST=	0
INDE	3	36	39	FOBS=	233.2	SIGMA=	1.8	PHAS=	177.9	FOM=	0.96	TEST=	0
INDE	3	36	41	FOBS=	154.9	SIGMA=	1.4	PHAS=	135.1	FOM=	0.85	TEST=	0
INDE	3	36	43	FOBS=	61.3	SIGMA=	2.8	PHAS=	150.6	FOM=	0.88	TEST=	0
INDE	3	36	45	FOBS=	207.0	SIGMA=	0.8	PHAS=	168.7	FOM=	0.95	TEST=	0
INDE	3	36	47	FOBS=	146.5	SIGMA=	1.1	PHAS=	74.9	FOM=	0.95	TEST=	0
INDE	3	36	49	FOBS=	55.2	SIGMA=	2.6	PHAS=	15.5	FOM=	0.58	TEST=	0

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INDE	3	36	51	FOBS=	69.4	SIGMA=	2.1	PHAS=	-98.2	FOM=	0.77	TEST=	1
INDE	3	36	53	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	36	55	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	36	57	FOBS=	80.0	SIGMA=	2.3	PHAS=	-114.0	FOM=	0.65	TEST=	0
INDE	3	36	59	FOBS=	117.1	SIGMA=	1.6	PHAS=	-103.6	FOM=	0.94	TEST=	0
INDE	3	36	61	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	3	36	63	FOBS=	22.3	SIGMA=	8.8	PHAS=	78.0	FOM=	0.42	TEST=	0
INDE	3	36	65	FOBS=	43.3	SIGMA=	5.3	PHAS=	5.5	FOM=	0.73	TEST=	0
INDE	3	36	67	FOBS=	83.2	SIGMA=	3.9	PHAS=	68.0	FOM=	0.84	TEST=	0
INDE	3	37	4	FOBS=	315.7	SIGMA=	0.7	PHAS=	-157.1	FOM=	0.99	TEST=	0
INDE	3	37	8	FOBS=	174.5	SIGMA=	0.8	PHAS=	-29.4	FOM=	0.92	TEST=	0
INDE	3	37	10	FOBS=	84.7	SIGMA=	1.3	PHAS=	167.4	FOM=	0.91	TEST=	0
INDE	3	37	12	FOBS=	236.6	SIGMA=	0.9	PHAS=	-165.4	FOM=	0.97	TEST=	0
INDE	3	37	14	FOBS=	116.5	SIGMA=	1.7	PHAS=	-175.9	FOM=	0.98	TEST=	0
INDE	3	37	16	FOBS=	320.6	SIGMA=	0.9	PHAS=	-1.7	FOM=	0.95	TEST=	0
INDE	3	37	18	FOBS=	182.0	SIGMA=	1.6	PHAS=	-111.2	FOM=	0.76	TEST=	0
INDE	3	37	20	FOBS=	126.1	SIGMA=	2.2	PHAS=	149.2	FOM=	0.87	TEST=	0
INDE	3	37	22	FOBS=	99.4	SIGMA=	2.9	PHAS=	76.0	FOM=	0.95	TEST=	0
INDE	3	37	24	FOBS=	151.8	SIGMA=	2.0	PHAS=	140.0	FOM=	0.92	TEST=	0
INDE	3	37	26	FOBS=	189.2	SIGMA=	1.8	PHAS=	154.2	FOM=	0.91	TEST=	0
INDE	3	37	28	FOBS=	160.8	SIGMA=	2.1	PHAS=	46.0	FOM=	0.97	TEST=	0
INDE	3	37	30	FOBS=	268.4	SIGMA=	1.2	PHAS=	19.7	FOM=	0.97	TEST=	0
INDE	3	37	32	FOBS=	162.4	SIGMA=	1.5	PHAS=	-45.2	FOM=	0.90	TEST=	0
INDE	3	37	34	FOBS=	368.2	SIGMA=	0.8	PHAS=	-81.0	FOM=	0.97	TEST=	0
INDE	3	37	36	FOBS=	180.0	SIGMA=	1.4	PHAS=	139.1	FOM=	0.90	TEST=	0
INDE	3	37	38	FOBS=	261.9	SIGMA=	1.0	PHAS=	-12.7	FOM=	0.97	TEST=	0
INDE	3	37	40	FOBS=	110.7	SIGMA=	2.1	PHAS=	98.5	FOM=	0.48	TEST=	1
INDE	3	37	42	FOBS=	136.9	SIGMA=	1.4	PHAS=	89.1	FOM=	0.93	TEST=	0
INDE	3	37	44	FOBS=	112.1	SIGMA=	1.4	PHAS=	99.0	FOM=	0.75	TEST=	0
INDE	3	37	46	FOBS=	170.0	SIGMA=	1.0	PHAS=	-48.3	FOM=	0.94	TEST=	0
INDE	3	37	48	FOBS=	20.0	SIGMA=	8.6	PHAS=	-129.3	FOM=	0.15	TEST=	1
INDE	3	37	50	FOBS=	74.2	SIGMA=	2.0	PHAS=	36.5	FOM=	0.65	TEST=	0
INDE	3	37	52	FOBS=	12.9	SIGMA=	12.2	PHAS=	107.7	FOM=	0.21	TEST=	0
INDE	3	37	54	FOBS=	80.0	SIGMA=	2.1	PHAS=	124.8	FOM=	0.55	TEST=	0
INDE	3	37	56	FOBS=	29.0	SIGMA=	5.7	PHAS=	-176.8	FOM=	0.39	TEST=	0
INDE	3	37	58	FOBS=	68.8	SIGMA=	2.6	PHAS=	-155.0	FOM=	0.84	TEST=	0
INDE	3	37	60	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	37	62	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	37	64	FOBS=	48.5	SIGMA=	4.1	PHAS=	-39.5	FOM=	0.54	TEST=	0
INDE	3	37	66	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	37	68	FOBS=	0.0	SIGMA=	28.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	38	3	FOBS=	167.8	SIGMA=	1.0	PHAS=	-121.3	FOM=	0.99	TEST=	0
INDE	3	38	5	FOBS=	309.0	SIGMA=	0.7	PHAS=	156.4	FOM=	0.95	TEST=	1
INDE	3	38	7	FOBS=	138.5	SIGMA=	1.4	PHAS=	161.9	FOM=	0.92	TEST=	0
INDE	3	38	9	FOBS=	246.9	SIGMA=	0.6	PHAS=	129.6	FOM=	0.96	TEST=	0
INDE	3	38	11	FOBS=	167.5	SIGMA=	0.9	PHAS=	57.5	FOM=	0.94	TEST=	0
INDE	3	38	13	FOBS=	372.7	SIGMA=	0.8	PHAS=	-125.1	FOM=	0.96	TEST=	0
INDE	3	38	15	FOBS=	44.7	SIGMA=	4.6	PHAS=	144.1	FOM=	0.90	TEST=	0
INDE	3	38	17	FOBS=	168.7	SIGMA=	1.3	PHAS=	95.8	FOM=	0.97	TEST=	0
INDE	3	38	19	FOBS=	387.9	SIGMA=	1.1	PHAS=	-134.6	FOM=	0.94	TEST=	0
INDE	3	38	21	FOBS=	135.6	SIGMA=	2.2	PHAS=	118.6	FOM=	0.73	TEST=	0
INDE	3	38	23	FOBS=	40.4	SIGMA=	7.3	PHAS=	53.1	FOM=	0.39	TEST=	0
INDE	3	38	25	FOBS=	118.4	SIGMA=	2.7	PHAS=	50.4	FOM=	0.96	TEST=	0
INDE	3	38	27	FOBS=	161.6	SIGMA=	2.2	PHAS=	17.5	FOM=	0.82	TEST=	0
INDE	3	38	29	FOBS=	133.6	SIGMA=	2.6	PHAS=	-121.3	FOM=	0.78	TEST=	0
INDE	3	38	31	FOBS=	89.4	SIGMA=	3.0	PHAS=	48.4	FOM=	0.90	TEST=	0
INDE	3	38	33	FOBS=	201.1	SIGMA=	1.5	PHAS=	-174.9	FOM=	0.95	TEST=	0
INDE	3	38	35	FOBS=	117.0	SIGMA=	2.0	PHAS=	66.7	FOM=	0.81	TEST=	0
INDE	3	38	37	FOBS=	172.7	SIGMA=	1.7	PHAS=	-26.3	FOM=	0.93	TEST=	0
INDE	3	38	39	FOBS=	48.5	SIGMA=	5.2	PHAS=	163.3	FOM=	0.24	TEST=	1
INDE	3	38	41	FOBS=	176.4	SIGMA=	1.2	PHAS=	84.0	FOM=	0.74	TEST=	1
INDE	3	38	43	FOBS=	173.9	SIGMA=	1.1	PHAS=	4.8	FOM=	0.83	TEST=	0
INDE	3	38	45	FOBS=	119.1	SIGMA=	1.3	PHAS=	-116.6	FOM=	0.95	TEST=	0
INDE	3	38	47	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	38	49	FOBS=	15.5	SIGMA=	12.1	PHAS=	-21.8	FOM=	0.10	TEST=	0
INDE	3	38	51	FOBS=	89.9	SIGMA=	1.6	PHAS=	-49.3	FOM=	0.82	TEST=	0
INDE	3	38	53	FOBS=	72.8	SIGMA=	2.4	PHAS=	17.7	FOM=	0.92	TEST=	0
INDE	3	38	55	FOBS=	43.9	SIGMA=	3.9	PHAS=	12.8	FOM=	0.69	TEST=	0
INDE	3	38	57	FOBS=	40.2	SIGMA=	4.1	PHAS=	175.0	FOM=	0.56	TEST=	0
INDE	3	38	59	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	3	38	61	FOBS=	21.6	SIGMA=	8.5	PHAS=	-117.6	FOM=	0.47	TEST=	0
INDE	3	38	63	FOBS=	36.3	SIGMA=	6.3	PHAS=	-7.3	FOM=	0.20	TEST=	1
INDE	3	38	65	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	38	67	FOBS=	35.7	SIGMA=	10.9	PHAS=	-117.5	FOM=	0.08	TEST=	0
INDE	3	39	4	FOBS=	296.2	SIGMA=	0.8	PHAS=	127.1	FOM=	0.96	TEST=	0
INDE	3	39	8	FOBS=	282.7	SIGMA=	0.7	PHAS=	-88.5	FOM=	0.95	TEST=	1
INDE	3	39	10	FOBS=	219.6	SIGMA=	0.6	PHAS=	73.2	FOM=	0.85	TEST=	0
INDE	3	39	12	FOBS=	204.5	SIGMA=	0.7	PHAS=	169.1	FOM=	0.94	TEST=	0
INDE	3	39	14	FOBS=	277.6	SIGMA=	1.0	PHAS=	125.9	FOM=	0.86	TEST=	0
INDE	3	39	16	FOBS=	271.7	SIGMA=	1.1	PHAS=	13.5	FOM=	0.97	TEST=	0
INDE	3	39	18	FOBS=	120.4	SIGMA=	1.6	PHAS=	94.9	FOM=	0.96	TEST=	0
INDE	3	39	20	FOBS=	179.2	SIGMA=	1.8	PHAS=	73.1	FOM=	0.93	TEST=	0
INDE	3	39	22	FOBS=	255.3	SIGMA=	1.5	PHAS=	-80.4	FOM=	0.89	TEST=	0
INDE	3	39	24	FOBS=	140.9	SIGMA=	2.4	PHAS=	-101.5	FOM=	0.94	TEST=	0
INDE	3	39	26	FOBS=	86.1	SIGMA=	4.0	PHAS=	-55.8	FOM=	0.95	TEST=	0
INDE	3	39	28	FOBS=	84.0	SIGMA=	4.1	PHAS=	-37.6	FOM=	0.76	TEST=	0
INDE	3	39	30	FOBS=	168.4	SIGMA=	2.2	PHAS=	-17.3	FOM=	0.92	TEST=	0
INDE	3	39	32	FOBS=	70.6	SIGMA=	3.5	PHAS=	43.5	FOM=	0.87	TEST=	0
INDE	3	39	34	FOBS=	191.5	SIGMA=	1.3	PHAS=	-95.2	FOM=	0.97	TEST=	0
INDE	3	39	36	FOBS=	194.5	SIGMA=	1.3	PHAS=	38.8	FOM=	0.90	TEST=	1
INDE	3	39	38	FOBS=	64.6	SIGMA=	3.4	PHAS=	-51.8	FOM=	0.93	TEST=	0
INDE	3	39	40	FOBS=	43.8	SIGMA=	5.7	PHAS=	-160.6	FOM=	0.46	TEST=	0
INDE	3	39	42	FOBS=	131.5	SIGMA=	1.4	PHAS=	-5.6	FOM=	0.94	TEST=	0
INDE	3	39	44	FOBS=	86.3	SIGMA=	2.0	PHAS=	123.9	FOM=	0.62	TEST=	0
INDE	3	39	46	FOBS=	95.1	SIGMA=	1.6	PHAS=	-145.0	FOM=	0.83	TEST=	0
INDE	3	39	48	FOBS=	84.3	SIGMA=	1.8	PHAS=	-85.9	FOM=	0.84	TEST=	0
INDE	3	39	50	FOBS=	72.5	SIGMA=	2.0	PHAS=	-109.3	FOM=	0.79	TEST=	0
INDE	3	39	52	FOBS=	56.7	SIGMA=	3.1	PHAS=	-109.0	FOM=	0.65	TEST=	0
INDE	3	39	54	FOBS=	74.1	SIGMA=	2.4	PHAS=	-75.6	FOM=	0.85	TEST=	0
INDE	3	39	56	FOBS=	38.4	SIGMA=	4.4	PHAS=	-37.2	FOM=	0.08	TEST=	0
INDE	3	39	58	FOBS=	0.0	SIGMA=	18.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	3	39	60	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	39	62	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	39	64	FOBS=	14.0	SIGMA=	16.4	PHAS=	160.5	FOM=	0.17	TEST=	0
INDE	3	39	66	FOBS=	57.1	SIGMA=	5.9	PHAS=	0.2	FOM=	0.88	TEST=	0
INDE	3	40	3	FOBS=	231.1	SIGMA=	0.9	PHAS=	43.1	FOM=	0.90	TEST=	0
INDE	3	40	5	FOBS=	136.8	SIGMA=	1.8	PHAS=	115.6	FOM=	0.97	TEST=	0
INDE	3	40	9	FOBS=	175.5	SIGMA=	1.0	PHAS=	178.8	FOM=	0.87	TEST=	0
INDE	3	40	11	FOBS=	136.9	SIGMA=	1.0	PHAS=	-14.3	FOM=	0.81	TEST=	1
INDE	3	40	13	FOBS=	99.7	SIGMA=	1.6	PHAS=	57.1	FOM=	0.89	TEST=	0
INDE	3	40	15	FOBS=	317.9	SIGMA=	1.0	PHAS=	-43.3	FOM=	0.99	TEST=	1
INDE	3	40	17	FOBS=	49.3	SIGMA=	4.3	PHAS=	-177.2	FOM=	0.76	TEST=	0
INDE	3	40	19	FOBS=	84.3	SIGMA=	2.3	PHAS=	8.5	FOM=	0.48	TEST=	0
INDE	3	40	21	FOBS=	48.6	SIGMA=	6.5	PHAS=	-59.3	FOM=	0.41	TEST=	0
INDE	3	40	23	FOBS=	220.3	SIGMA=	1.7	PHAS=	131.0	FOM=	0.98	TEST=	0
INDE	3	40	25	FOBS=	57.1	SIGMA=	6.0	PHAS=	63.8	FOM=	0.71	TEST=	0
INDE	3	40	27	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	40	29	FOBS=	161.8	SIGMA=	2.3	PHAS=	-143.1	FOM=	0.93	TEST=	0
INDE	3	40	31	FOBS=	109.0	SIGMA=	3.2	PHAS=	-70.4	FOM=	0.86	TEST=	0
INDE	3	40	33	FOBS=	149.2	SIGMA=	1.6	PHAS=	116.4	FOM=	0.95	TEST=	0
INDE	3	40	35	FOBS=	131.8	SIGMA=	1.8	PHAS=	-13.1	FOM=	0.89	TEST=	0
INDE	3	40	37	FOBS=	105.6	SIGMA=	2.2	PHAS=	-57.5	FOM=	0.94	TEST=	0
INDE	3	40	39	FOBS=	102.2	SIGMA=	2.4	PHAS=	76.2	FOM=	0.78	TEST=	0
INDE	3	40	41	FOBS=	111.7	SIGMA=	1.9	PHAS=	143.3	FOM=	0.95	TEST=	0
INDE	3	40	43	FOBS=	58.9	SIGMA=	3.0	PHAS=	107.3	FOM=	0.50	TEST=	0
INDE	3	40	45	FOBS=	76.6	SIGMA=	2.0	PHAS=	-58.1	FOM=	0.76	TEST=	0
INDE	3	40	47	FOBS=	0.0	SIGMA=	17.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	40	49	FOBS=	70.6	SIGMA=	2.1	PHAS=	-170.5	FOM=	0.08	TEST=	1
INDE	3	40	51	FOBS=	0.0	SIGMA=	17.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	40	53	FOBS=	97.5	SIGMA=	1.8	PHAS=	-138.1	FOM=	0.90	TEST=	0
INDE	3	40	55	FOBS=	81.9	SIGMA=	2.1	PHAS=	-60.9	FOM=	0.81	TEST=	0
INDE	3	40	57	FOBS=	22.5	SIGMA=	9.2	PHAS=	-164.1	FOM=	0.20	TEST=	0
INDE	3	40	59	FOBS=	32.2	SIGMA=	5.8	PHAS=	43.5	FOM=	0.20	TEST=	0
INDE	3	40	61	FOBS=	75.6	SIGMA=	2.5	PHAS=	-76.6	FOM=	0.89	TEST=	0
INDE	3	40	63	FOBS=	39.4	SIGMA=	5.1	PHAS=	-102.3	FOM=	0.06	TEST=	1
INDE	3	40	65	FOBS=	26.9	SIGMA=	9.8	PHAS=	50.9	FOM=	0.36	TEST=	0
INDE	3	41	4	FOBS=	147.9	SIGMA=	1.3	PHAS=	88.4	FOM=	0.92	TEST=	0
INDE	3	41	8	FOBS=	302.0	SIGMA=	1.0	PHAS=	0.9	FOM=	0.91	TEST=	1
INDE	3	41	10	FOBS=	25.3	SIGMA=	4.9	PHAS=	-154.8	FOM=	0.42	TEST=	0
INDE	3	41	12	FOBS=	376.3	SIGMA=	0.8	PHAS=	-59.5	FOM=	0.97	TEST=	0

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INDE	3	41	14	FOBS=	26.9	SIGMA=	8.1	PHAS=	-106.0	FOM=	0.40	TEST=	0
INDE	3	41	16	FOBS=	415.3	SIGMA=	0.9	PHAS=	-172.1	FOM=	0.98	TEST=	0
INDE	3	41	18	FOBS=	92.8	SIGMA=	2.2	PHAS=	-111.8	FOM=	0.60	TEST=	0
INDE	3	41	20	FOBS=	91.6	SIGMA=	2.3	PHAS=	-23.1	FOM=	0.88	TEST=	0
INDE	3	41	22	FOBS=	148.0	SIGMA=	2.4	PHAS=	-101.3	FOM=	0.70	TEST=	0
INDE	3	41	24	FOBS=	81.2	SIGMA=	4.3	PHAS=	-66.8	FOM=	0.74	TEST=	0
INDE	3	41	26	FOBS=	36.3	SIGMA=	9.8	PHAS=	-69.4	FOM=	0.63	TEST=	0
INDE	3	41	28	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	41	30	FOBS=	164.3	SIGMA=	2.3	PHAS=	140.0	FOM=	0.84	TEST=	0
INDE	3	41	32	FOBS=	116.5	SIGMA=	2.6	PHAS=	-147.1	FOM=	0.48	TEST=	1
INDE	3	41	34	FOBS=	238.4	SIGMA=	1.1	PHAS=	-62.8	FOM=	0.97	TEST=	0
INDE	3	41	36	FOBS=	119.9	SIGMA=	1.9	PHAS=	-68.0	FOM=	0.86	TEST=	0
INDE	3	41	38	FOBS=	86.4	SIGMA=	2.6	PHAS=	-136.3	FOM=	0.87	TEST=	0
INDE	3	41	40	FOBS=	52.0	SIGMA=	4.8	PHAS=	64.5	FOM=	0.83	TEST=	0
INDE	3	41	42	FOBS=	200.9	SIGMA=	1.0	PHAS=	15.9	FOM=	0.93	TEST=	0
INDE	3	41	44	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	41	46	FOBS=	70.8	SIGMA=	2.2	PHAS=	156.3	FOM=	0.78	TEST=	0
INDE	3	41	48	FOBS=	84.0	SIGMA=	1.8	PHAS=	-155.6	FOM=	0.92	TEST=	0
INDE	3	41	50	FOBS=	81.3	SIGMA=	1.8	PHAS=	-104.3	FOM=	0.84	TEST=	0
INDE	3	41	52	FOBS=	69.3	SIGMA=	2.5	PHAS=	157.4	FOM=	0.87	TEST=	0
INDE	3	41	54	FOBS=	26.3	SIGMA=	7.7	PHAS=	-178.8	FOM=	0.18	TEST=	0
INDE	3	41	56	FOBS=	80.0	SIGMA=	2.2	PHAS=	13.1	FOM=	0.91	TEST=	0
INDE	3	41	58	FOBS=	32.7	SIGMA=	5.2	PHAS=	-107.9	FOM=	0.16	TEST=	0
INDE	3	41	60	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	41	62	FOBS=	63.2	SIGMA=	3.0	PHAS=	-94.8	FOM=	0.57	TEST=	1
INDE	3	41	64	FOBS=	36.9	SIGMA=	6.1	PHAS=	-133.5	FOM=	0.45	TEST=	0
INDE	3	41	66	FOBS=	123.8	SIGMA=	4.8	PHAS=	-52.3	FOM=	0.91	TEST=	0
INDE	3	42	3	FOBS=	53.8	SIGMA=	3.4	PHAS=	-171.3	FOM=	0.84	TEST=	0
INDE	3	42	9	FOBS=	251.6	SIGMA=	0.8	PHAS=	-95.0	FOM=	0.99	TEST=	1
INDE	3	42	11	FOBS=	476.0	SIGMA=	0.7	PHAS=	-114.8	FOM=	0.98	TEST=	0
INDE	3	42	13	FOBS=	155.1	SIGMA=	1.2	PHAS=	179.6	FOM=	0.98	TEST=	0
INDE	3	42	15	FOBS=	237.4	SIGMA=	1.2	PHAS=	106.7	FOM=	0.99	TEST=	0
INDE	3	42	17	FOBS=	354.0	SIGMA=	1.1	PHAS=	44.6	FOM=	0.99	TEST=	0
INDE	3	42	19	FOBS=	160.4	SIGMA=	1.5	PHAS=	-27.9	FOM=	0.73	TEST=	0
INDE	3	42	21	FOBS=	163.2	SIGMA=	2.3	PHAS=	-149.6	FOM=	0.94	TEST=	0
INDE	3	42	23	FOBS=	129.6	SIGMA=	2.9	PHAS=	149.6	FOM=	0.50	TEST=	0
INDE	3	42	25	FOBS=	97.0	SIGMA=	3.8	PHAS=	124.3	FOM=	0.82	TEST=	1
INDE	3	42	27	FOBS=	109.6	SIGMA=	3.3	PHAS=	-78.3	FOM=	0.72	TEST=	0
INDE	3	42	29	FOBS=	179.7	SIGMA=	2.1	PHAS=	-13.0	FOM=	0.93	TEST=	0
INDE	3	42	31	FOBS=	92.5	SIGMA=	3.7	PHAS=	-3.3	FOM=	0.58	TEST=	0
INDE	3	42	33	FOBS=	288.3	SIGMA=	1.1	PHAS=	84.2	FOM=	0.96	TEST=	0
INDE	3	42	35	FOBS=	194.4	SIGMA=	1.3	PHAS=	-170.1	FOM=	0.96	TEST=	0
INDE	3	42	37	FOBS=	240.8	SIGMA=	1.1	PHAS=	-160.5	FOM=	0.30	TEST=	1
INDE	3	42	39	FOBS=	85.0	SIGMA=	2.8	PHAS=	-55.8	FOM=	0.74	TEST=	0
INDE	3	42	41	FOBS=	65.8	SIGMA=	3.3	PHAS=	28.8	FOM=	0.77	TEST=	1
INDE	3	42	43	FOBS=	154.9	SIGMA=	1.3	PHAS=	-82.9	FOM=	0.92	TEST=	0
INDE	3	42	45	FOBS=	112.3	SIGMA=	1.4	PHAS=	-153.7	FOM=	0.85	TEST=	1
INDE	3	42	47	FOBS=	130.3	SIGMA=	1.2	PHAS=	125.7	FOM=	0.92	TEST=	0
INDE	3	42	49	FOBS=	109.8	SIGMA=	1.4	PHAS=	123.0	FOM=	0.77	TEST=	0
INDE	3	42	51	FOBS=	62.5	SIGMA=	2.8	PHAS=	169.4	FOM=	0.86	TEST=	0
INDE	3	42	53	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	42	55	FOBS=	96.3	SIGMA=	1.9	PHAS=	-41.9	FOM=	0.89	TEST=	0
INDE	3	42	57	FOBS=	64.0	SIGMA=	2.7	PHAS=	-129.3	FOM=	0.77	TEST=	0
INDE	3	42	59	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	3	42	61	FOBS=	51.7	SIGMA=	3.7	PHAS=	112.0	FOM=	0.58	TEST=	0
INDE	3	42	63	FOBS=	94.2	SIGMA=	2.4	PHAS=	-42.7	FOM=	0.90	TEST=	0
INDE	3	42	65	FOBS=	37.3	SIGMA=	9.9	PHAS=	121.2	FOM=	0.78	TEST=	0
INDE	3	43	4	FOBS=	128.4	SIGMA=	1.7	PHAS=	9.8	FOM=	0.76	TEST=	0
INDE	3	43	10	FOBS=	370.4	SIGMA=	0.7	PHAS=	-156.8	FOM=	0.99	TEST=	0
INDE	3	43	12	FOBS=	112.2	SIGMA=	2.1	PHAS=	-63.5	FOM=	0.94	TEST=	0
INDE	3	43	14	FOBS=	90.4	SIGMA=	1.8	PHAS=	57.1	FOM=	0.90	TEST=	1
INDE	3	43	16	FOBS=	103.6	SIGMA=	2.6	PHAS=	-158.9	FOM=	0.94	TEST=	0
INDE	3	43	18	FOBS=	295.0	SIGMA=	1.1	PHAS=	-79.1	FOM=	0.99	TEST=	0
INDE	3	43	20	FOBS=	42.9	SIGMA=	6.4	PHAS=	82.8	FOM=	0.48	TEST=	0
INDE	3	43	22	FOBS=	150.7	SIGMA=	2.5	PHAS=	89.5	FOM=	0.78	TEST=	0
INDE	3	43	24	FOBS=	59.8	SIGMA=	6.1	PHAS=	-125.0	FOM=	0.75	TEST=	0
INDE	3	43	26	FOBS=	282.4	SIGMA=	1.5	PHAS=	-169.9	FOM=	0.96	TEST=	0
INDE	3	43	28	FOBS=	115.8	SIGMA=	3.1	PHAS=	-163.3	FOM=	0.88	TEST=	0
INDE	3	43	30	FOBS=	217.4	SIGMA=	1.8	PHAS=	-110.1	FOM=	0.89	TEST=	0
INDE	3	43	32	FOBS=	72.0	SIGMA=	4.7	PHAS=	-88.7	FOM=	0.38	TEST=	0

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INDE	3	43	34	FOBS=	99.4	SIGMA=	2.6	PHAS=	136.0	FOM=	0.13	TEST=	1
INDE	3	43	36	FOBS=	133.0	SIGMA=	1.7	PHAS=	111.0	FOM=	0.91	TEST=	0
INDE	3	43	38	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	43	40	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	43	42	FOBS=	123.0	SIGMA=	1.6	PHAS=	-11.8	FOM=	0.88	TEST=	0
INDE	3	43	44	FOBS=	69.8	SIGMA=	2.5	PHAS=	148.2	FOM=	0.87	TEST=	0
INDE	3	43	46	FOBS=	115.9	SIGMA=	1.4	PHAS=	71.0	FOM=	0.95	TEST=	0
INDE	3	43	48	FOBS=	52.4	SIGMA=	2.8	PHAS=	52.0	FOM=	0.70	TEST=	0
INDE	3	43	50	FOBS=	28.3	SIGMA=	5.8	PHAS=	27.8	FOM=	0.62	TEST=	0
INDE	3	43	52	FOBS=	99.3	SIGMA=	1.8	PHAS=	101.3	FOM=	0.88	TEST=	0
INDE	3	43	54	FOBS=	119.7	SIGMA=	1.5	PHAS=	-66.4	FOM=	0.90	TEST=	0
INDE	3	43	56	FOBS=	62.0	SIGMA=	2.9	PHAS=	-31.2	FOM=	0.79	TEST=	0
INDE	3	43	58	FOBS=	77.6	SIGMA=	2.3	PHAS=	86.5	FOM=	0.93	TEST=	0
INDE	3	43	60	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	3	43	62	FOBS=	69.1	SIGMA=	2.8	PHAS=	95.3	FOM=	0.29	TEST=	1
INDE	3	43	64	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	44	3	FOBS=	307.4	SIGMA=	0.9	PHAS=	-68.2	FOM=	0.94	TEST=	0
INDE	3	44	11	FOBS=	55.8	SIGMA=	2.7	PHAS=	5.1	FOM=	0.29	TEST=	0
INDE	3	44	13	FOBS=	133.7	SIGMA=	1.3	PHAS=	-104.2	FOM=	0.98	TEST=	0
INDE	3	44	15	FOBS=	147.4	SIGMA=	1.2	PHAS=	97.3	FOM=	0.77	TEST=	0
INDE	3	44	17	FOBS=	218.9	SIGMA=	1.3	PHAS=	-68.3	FOM=	0.96	TEST=	0
INDE	3	44	19	FOBS=	111.6	SIGMA=	2.2	PHAS=	-108.3	FOM=	0.90	TEST=	1
INDE	3	44	21	FOBS=	132.6	SIGMA=	1.9	PHAS=	31.7	FOM=	0.96	TEST=	0
INDE	3	44	23	FOBS=	159.6	SIGMA=	2.5	PHAS=	-12.6	FOM=	0.89	TEST=	0
INDE	3	44	25	FOBS=	278.8	SIGMA=	1.6	PHAS=	104.6	FOM=	0.95	TEST=	0
INDE	3	44	27	FOBS=	165.3	SIGMA=	2.3	PHAS=	103.5	FOM=	0.89	TEST=	0
INDE	3	44	29	FOBS=	24.0	SIGMA=	14.3	PHAS=	133.3	FOM=	0.31	TEST=	0
INDE	3	44	31	FOBS=	18.2	SIGMA=	18.4	PHAS=	-70.0	FOM=	0.05	TEST=	0
INDE	3	44	33	FOBS=	143.6	SIGMA=	2.4	PHAS=	55.5	FOM=	0.82	TEST=	0
INDE	3	44	35	FOBS=	76.6	SIGMA=	2.9	PHAS=	49.5	FOM=	0.79	TEST=	0
INDE	3	44	37	FOBS=	55.9	SIGMA=	3.9	PHAS=	75.0	FOM=	0.82	TEST=	0
INDE	3	44	39	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	44	41	FOBS=	49.8	SIGMA=	4.2	PHAS=	40.1	FOM=	0.44	TEST=	0
INDE	3	44	43	FOBS=	51.5	SIGMA=	3.5	PHAS=	-3.7	FOM=	0.37	TEST=	1
INDE	3	44	45	FOBS=	51.3	SIGMA=	3.1	PHAS=	52.6	FOM=	0.77	TEST=	0
INDE	3	44	47	FOBS=	77.4	SIGMA=	2.0	PHAS=	-12.6	FOM=	0.83	TEST=	0
INDE	3	44	49	FOBS=	77.1	SIGMA=	2.0	PHAS=	-104.2	FOM=	0.91	TEST=	0
INDE	3	44	51	FOBS=	21.2	SIGMA=	8.6	PHAS=	44.0	FOM=	0.39	TEST=	0
INDE	3	44	53	FOBS=	55.8	SIGMA=	3.1	PHAS=	178.9	FOM=	0.52	TEST=	0
INDE	3	44	55	FOBS=	118.8	SIGMA=	1.6	PHAS=	-178.8	FOM=	0.94	TEST=	0
INDE	3	44	57	FOBS=	57.3	SIGMA=	3.1	PHAS=	-70.9	FOM=	0.89	TEST=	0
INDE	3	44	59	FOBS=	14.2	SIGMA=	12.5	PHAS=	-63.3	FOM=	0.05	TEST=	0
INDE	3	44	61	FOBS=	55.5	SIGMA=	3.5	PHAS=	93.1	FOM=	0.66	TEST=	0
INDE	3	44	63	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	45	4	FOBS=	314.6	SIGMA=	0.9	PHAS=	-130.9	FOM=	0.98	TEST=	0
INDE	3	45	10	FOBS=	119.9	SIGMA=	1.7	PHAS=	-103.3	FOM=	0.57	TEST=	0
INDE	3	45	12	FOBS=	113.7	SIGMA=	1.4	PHAS=	-86.3	FOM=	0.90	TEST=	0
INDE	3	45	14	FOBS=	74.8	SIGMA=	2.4	PHAS=	113.3	FOM=	0.74	TEST=	0
INDE	3	45	16	FOBS=	129.3	SIGMA=	1.5	PHAS=	91.3	FOM=	0.93	TEST=	0
INDE	3	45	18	FOBS=	224.5	SIGMA=	1.2	PHAS=	-133.8	FOM=	0.90	TEST=	0
INDE	3	45	20	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	45	22	FOBS=	57.2	SIGMA=	4.1	PHAS=	-10.9	FOM=	0.73	TEST=	0
INDE	3	45	24	FOBS=	37.6	SIGMA=	9.5	PHAS=	-134.5	FOM=	0.09	TEST=	0
INDE	3	45	26	FOBS=	76.2	SIGMA=	4.7	PHAS=	104.5	FOM=	0.49	TEST=	0
INDE	3	45	28	FOBS=	109.3	SIGMA=	3.3	PHAS=	92.6	FOM=	0.92	TEST=	0
INDE	3	45	30	FOBS=	113.6	SIGMA=	3.1	PHAS=	-15.8	FOM=	0.53	TEST=	0
INDE	3	45	32	FOBS=	79.7	SIGMA=	4.2	PHAS=	-51.2	FOM=	0.46	TEST=	0
INDE	3	45	34	FOBS=	191.1	SIGMA=	1.9	PHAS=	-110.1	FOM=	0.94	TEST=	0
INDE	3	45	36	FOBS=	32.3	SIGMA=	7.2	PHAS=	-117.3	FOM=	0.10	TEST=	0
INDE	3	45	38	FOBS=	13.5	SIGMA=	15.9	PHAS=	-38.5	FOM=	0.11	TEST=	0
INDE	3	45	40	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	3	45	42	FOBS=	102.5	SIGMA=	1.9	PHAS=	-6.5	FOM=	0.87	TEST=	0
INDE	3	45	44	FOBS=	40.1	SIGMA=	4.3	PHAS=	148.8	FOM=	0.47	TEST=	0
INDE	3	45	46	FOBS=	87.7	SIGMA=	1.8	PHAS=	-75.2	FOM=	0.83	TEST=	0
INDE	3	45	48	FOBS=	24.7	SIGMA=	6.6	PHAS=	-97.7	FOM=	0.15	TEST=	0
INDE	3	45	50	FOBS=	61.1	SIGMA=	2.9	PHAS=	106.2	FOM=	0.39	TEST=	0
INDE	3	45	52	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	45	54	FOBS=	46.2	SIGMA=	3.8	PHAS=	169.7	FOM=	0.41	TEST=	0
INDE	3	45	56	FOBS=	18.7	SIGMA=	10.6	PHAS=	85.5	FOM=	0.35	TEST=	0
INDE	3	45	58	FOBS=	58.7	SIGMA=	3.1	PHAS=	56.2	FOM=	0.78	TEST=	0

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INDE	3	45	60	FOBS=	70.7	SIGMA=	2.6	PHAS=	85.4	FOM=	0.41	TEST=	0
INDE	3	45	62	FOBS=	68.6	SIGMA=	3.3	PHAS=	102.8	FOM=	0.70	TEST=	0
INDE	3	46	3	FOBS=	161.9	SIGMA=	1.1	PHAS=	-123.9	FOM=	0.85	TEST=	0
INDE	3	46	11	FOBS=	207.9	SIGMA=	1.2	PHAS=	159.2	FOM=	0.92	TEST=	0
INDE	3	46	13	FOBS=	167.9	SIGMA=	1.1	PHAS=	-153.8	FOM=	0.89	TEST=	0
INDE	3	46	15	FOBS=	152.0	SIGMA=	1.3	PHAS=	-41.2	FOM=	0.87	TEST=	0
INDE	3	46	17	FOBS=	333.8	SIGMA=	1.0	PHAS=	-38.0	FOM=	0.98	TEST=	0
INDE	3	46	19	FOBS=	41.3	SIGMA=	5.7	PHAS=	121.0	FOM=	0.28	TEST=	0
INDE	3	46	21	FOBS=	74.1	SIGMA=	3.2	PHAS=	-83.2	FOM=	0.51	TEST=	0
INDE	3	46	23	FOBS=	199.3	SIGMA=	1.3	PHAS=	-61.7	FOM=	0.75	TEST=	1
INDE	3	46	25	FOBS=	177.7	SIGMA=	2.2	PHAS=	-46.3	FOM=	0.17	TEST=	1
INDE	3	46	27	FOBS=	165.7	SIGMA=	2.3	PHAS=	56.1	FOM=	0.87	TEST=	0
INDE	3	46	29	FOBS=	163.4	SIGMA=	2.2	PHAS=	3.2	FOM=	0.95	TEST=	0
INDE	3	46	31	FOBS=	58.8	SIGMA=	5.7	PHAS=	-80.6	FOM=	0.42	TEST=	0
INDE	3	46	33	FOBS=	122.6	SIGMA=	2.9	PHAS=	-126.1	FOM=	0.73	TEST=	0
INDE	3	46	35	FOBS=	137.9	SIGMA=	2.0	PHAS=	157.4	FOM=	0.97	TEST=	0
INDE	3	46	37	FOBS=	34.3	SIGMA=	6.3	PHAS=	-66.5	FOM=	0.20	TEST=	0
INDE	3	46	39	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	46	41	FOBS=	90.9	SIGMA=	2.3	PHAS=	-126.1	FOM=	0.81	TEST=	0
INDE	3	46	43	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	46	45	FOBS=	58.5	SIGMA=	2.7	PHAS=	1.1	FOM=	0.50	TEST=	0
INDE	3	46	47	FOBS=	39.8	SIGMA=	3.9	PHAS=	-118.7	FOM=	0.50	TEST=	0
INDE	3	46	49	FOBS=	0.0	SIGMA=	17.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	3	46	51	FOBS=	95.4	SIGMA=	1.9	PHAS=	59.4	FOM=	0.92	TEST=	0
INDE	3	46	53	FOBS=	58.8	SIGMA=	3.0	PHAS=	170.7	FOM=	0.76	TEST=	0
INDE	3	46	55	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	46	57	FOBS=	52.6	SIGMA=	3.4	PHAS=	-58.8	FOM=	0.82	TEST=	0
INDE	3	46	59	FOBS=	13.7	SIGMA=	16.5	PHAS=	175.0	FOM=	0.18	TEST=	0
INDE	3	46	61	FOBS=	80.5	SIGMA=	2.8	PHAS=	65.2	FOM=	0.92	TEST=	0
INDE	3	47	4	FOBS=	231.1	SIGMA=	1.2	PHAS=	165.1	FOM=	0.93	TEST=	0
INDE	3	47	12	FOBS=	106.6	SIGMA=	1.7	PHAS=	-73.6	FOM=	0.97	TEST=	0
INDE	3	47	14	FOBS=	238.4	SIGMA=	0.9	PHAS=	169.7	FOM=	0.94	TEST=	0
INDE	3	47	16	FOBS=	197.8	SIGMA=	1.1	PHAS=	121.5	FOM=	0.93	TEST=	0
INDE	3	47	18	FOBS=	288.8	SIGMA=	1.2	PHAS=	-112.1	FOM=	0.98	TEST=	0
INDE	3	47	20	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	47	22	FOBS=	153.2	SIGMA=	1.6	PHAS=	115.3	FOM=	0.91	TEST=	0
INDE	3	47	24	FOBS=	116.4	SIGMA=	2.0	PHAS=	-133.4	FOM=	0.69	TEST=	0
INDE	3	47	26	FOBS=	71.4	SIGMA=	5.0	PHAS=	-151.2	FOM=	0.72	TEST=	0
INDE	3	47	28	FOBS=	209.1	SIGMA=	1.9	PHAS=	-67.9	FOM=	0.96	TEST=	0
INDE	3	47	30	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	47	32	FOBS=	149.0	SIGMA=	2.5	PHAS=	135.5	FOM=	0.95	TEST=	0
INDE	3	47	34	FOBS=	29.9	SIGMA=	10.9	PHAS=	-178.3	FOM=	0.10	TEST=	1
INDE	3	47	36	FOBS=	84.5	SIGMA=	3.1	PHAS=	99.5	FOM=	0.76	TEST=	0
INDE	3	47	38	FOBS=	22.5	SIGMA=	10.2	PHAS=	-123.0	FOM=	0.78	TEST=	0
INDE	3	47	40	FOBS=	109.6	SIGMA=	2.2	PHAS=	-153.1	FOM=	0.92	TEST=	0
INDE	3	47	42	FOBS=	62.6	SIGMA=	3.0	PHAS=	151.1	FOM=	0.85	TEST=	0
INDE	3	47	44	FOBS=	0.0	SIGMA=	18.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	47	46	FOBS=	103.2	SIGMA=	1.6	PHAS=	-109.2	FOM=	0.90	TEST=	0
INDE	3	47	48	FOBS=	58.5	SIGMA=	2.7	PHAS=	141.0	FOM=	0.80	TEST=	0
INDE	3	47	50	FOBS=	99.1	SIGMA=	1.8	PHAS=	-47.9	FOM=	0.89	TEST=	0
INDE	3	47	52	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	47	54	FOBS=	59.9	SIGMA=	2.9	PHAS=	-134.8	FOM=	0.71	TEST=	0
INDE	3	47	56	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	47	58	FOBS=	58.7	SIGMA=	3.3	PHAS=	62.7	FOM=	0.54	TEST=	0
INDE	3	47	60	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	48	3	FOBS=	135.3	SIGMA=	1.4	PHAS=	-86.0	FOM=	0.89	TEST=	0
INDE	3	48	11	FOBS=	95.4	SIGMA=	2.4	PHAS=	-133.2	FOM=	0.72	TEST=	0
INDE	3	48	13	FOBS=	114.2	SIGMA=	1.6	PHAS=	89.6	FOM=	0.92	TEST=	0
INDE	3	48	15	FOBS=	78.6	SIGMA=	2.4	PHAS=	-0.7	FOM=	0.86	TEST=	0
INDE	3	48	17	FOBS=	277.2	SIGMA=	0.8	PHAS=	-41.4	FOM=	0.96	TEST=	0
INDE	3	48	19	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	48	21	FOBS=	119.9	SIGMA=	2.0	PHAS=	21.8	FOM=	0.88	TEST=	1
INDE	3	48	23	FOBS=	32.1	SIGMA=	8.2	PHAS=	-28.1	FOM=	0.13	TEST=	1
INDE	3	48	25	FOBS=	102.4	SIGMA=	2.3	PHAS=	34.3	FOM=	0.73	TEST=	0
INDE	3	48	27	FOBS=	236.4	SIGMA=	1.7	PHAS=	150.0	FOM=	0.93	TEST=	0
INDE	3	48	29	FOBS=	58.8	SIGMA=	5.9	PHAS=	-173.2	FOM=	0.71	TEST=	0
INDE	3	48	31	FOBS=	181.6	SIGMA=	2.1	PHAS=	32.7	FOM=	0.91	TEST=	0
INDE	3	48	33	FOBS=	196.3	SIGMA=	1.9	PHAS=	-8.9	FOM=	0.97	TEST=	0
INDE	3	48	35	FOBS=	30.8	SIGMA=	10.5	PHAS=	-125.2	FOM=	0.12	TEST=	0
INDE	3	48	37	FOBS=	104.9	SIGMA=	2.3	PHAS=	-66.4	FOM=	0.94	TEST=	0

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INDE	3	48	39	FOBS=	70.9	SIGMA=	3.3	PHAS=	-159.3	FOM=	0.67	TEST=	0
INDE	3	48	41	FOBS=	111.9	SIGMA=	1.9	PHAS=	115.2	FOM=	0.93	TEST=	0
INDE	3	48	43	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	48	45	FOBS=	0.0	SIGMA=	17.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	48	47	FOBS=	77.8	SIGMA=	2.0	PHAS=	166.2	FOM=	0.73	TEST=	0
INDE	3	48	49	FOBS=	93.9	SIGMA=	2.0	PHAS=	-153.9	FOM=	0.53	TEST=	1
INDE	3	48	51	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	3	48	53	FOBS=	67.3	SIGMA=	2.7	PHAS=	-176.3	FOM=	0.83	TEST=	0
INDE	3	48	55	FOBS=	46.9	SIGMA=	3.8	PHAS=	157.4	FOM=	0.09	TEST=	0
INDE	3	48	57	FOBS=	35.1	SIGMA=	6.0	PHAS=	105.8	FOM=	0.39	TEST=	0
INDE	3	48	59	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	3	48	61	FOBS=	78.0	SIGMA=	3.3	PHAS=	84.2	FOM=	0.76	TEST=	0
INDE	3	49	12	FOBS=	49.5	SIGMA=	4.5	PHAS=	-34.0	FOM=	0.59	TEST=	0
INDE	3	49	14	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	49	16	FOBS=	184.9	SIGMA=	1.0	PHAS=	-28.8	FOM=	0.94	TEST=	0
INDE	3	49	18	FOBS=	197.1	SIGMA=	1.1	PHAS=	-135.5	FOM=	0.95	TEST=	0
INDE	3	49	20	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	49	22	FOBS=	47.7	SIGMA=	4.9	PHAS=	-64.8	FOM=	0.34	TEST=	0
INDE	3	49	24	FOBS=	88.8	SIGMA=	2.7	PHAS=	-174.5	FOM=	0.75	TEST=	0
INDE	3	49	26	FOBS=	109.8	SIGMA=	3.3	PHAS=	37.7	FOM=	0.87	TEST=	0
INDE	3	49	28	FOBS=	70.1	SIGMA=	4.9	PHAS=	18.8	FOM=	0.43	TEST=	0
INDE	3	49	30	FOBS=	158.6	SIGMA=	2.3	PHAS=	43.4	FOM=	0.81	TEST=	1
INDE	3	49	32	FOBS=	104.7	SIGMA=	3.3	PHAS=	-64.0	FOM=	0.94	TEST=	0
INDE	3	49	34	FOBS=	180.4	SIGMA=	2.0	PHAS=	-140.0	FOM=	0.93	TEST=	0
INDE	3	49	36	FOBS=	115.0	SIGMA=	2.9	PHAS=	172.5	FOM=	0.89	TEST=	0
INDE	3	49	38	FOBS=	62.8	SIGMA=	3.4	PHAS=	-73.0	FOM=	0.47	TEST=	1
INDE	3	49	40	FOBS=	39.1	SIGMA=	6.4	PHAS=	22.5	FOM=	0.74	TEST=	0
INDE	3	49	42	FOBS=	63.6	SIGMA=	2.9	PHAS=	70.1	FOM=	0.60	TEST=	1
INDE	3	49	44	FOBS=	39.9	SIGMA=	4.1	PHAS=	80.1	FOM=	0.33	TEST=	0
INDE	3	49	46	FOBS=	37.9	SIGMA=	4.1	PHAS=	-90.2	FOM=	0.54	TEST=	0
INDE	3	49	48	FOBS=	27.8	SIGMA=	5.6	PHAS=	168.1	FOM=	0.47	TEST=	0
INDE	3	49	50	FOBS=	30.6	SIGMA=	5.9	PHAS=	-115.0	FOM=	0.53	TEST=	0
INDE	3	49	52	FOBS=	60.1	SIGMA=	3.0	PHAS=	31.7	FOM=	0.67	TEST=	0
INDE	3	49	54	FOBS=	48.6	SIGMA=	3.7	PHAS=	-127.1	FOM=	0.83	TEST=	0
INDE	3	49	56	FOBS=	36.4	SIGMA=	4.9	PHAS=	26.5	FOM=	0.49	TEST=	0
INDE	3	49	58	FOBS=	64.3	SIGMA=	3.3	PHAS=	10.9	FOM=	0.72	TEST=	0
INDE	3	49	60	FOBS=	29.6	SIGMA=	11.2	PHAS=	-84.5	FOM=	0.18	TEST=	1
INDE	3	50	3	FOBS=	70.2	SIGMA=	1.6	PHAS=	-58.8	FOM=	0.94	TEST=	0
INDE	3	50	13	FOBS=	78.3	SIGMA=	2.4	PHAS=	-30.2	FOM=	0.85	TEST=	0
INDE	3	50	15	FOBS=	114.1	SIGMA=	1.6	PHAS=	-117.4	FOM=	0.86	TEST=	0
INDE	3	50	17	FOBS=	247.9	SIGMA=	0.9	PHAS=	-112.1	FOM=	0.94	TEST=	0
INDE	3	50	19	FOBS=	27.6	SIGMA=	6.2	PHAS=	123.7	FOM=	0.15	TEST=	0
INDE	3	50	21	FOBS=	115.0	SIGMA=	2.1	PHAS=	6.6	FOM=	0.64	TEST=	0
INDE	3	50	23	FOBS=	206.2	SIGMA=	1.3	PHAS=	115.6	FOM=	0.92	TEST=	0
INDE	3	50	25	FOBS=	70.4	SIGMA=	3.3	PHAS=	68.0	FOM=	0.60	TEST=	0
INDE	3	50	27	FOBS=	93.5	SIGMA=	3.8	PHAS=	52.6	FOM=	0.72	TEST=	0
INDE	3	50	29	FOBS=	73.3	SIGMA=	4.7	PHAS=	-63.0	FOM=	0.48	TEST=	0
INDE	3	50	31	FOBS=	75.3	SIGMA=	4.5	PHAS=	66.0	FOM=	0.05	TEST=	1
INDE	3	50	33	FOBS=	50.2	SIGMA=	9.2	PHAS=	96.7	FOM=	0.59	TEST=	0
INDE	3	50	35	FOBS=	213.8	SIGMA=	1.8	PHAS=	95.5	FOM=	0.97	TEST=	0
INDE	3	50	37	FOBS=	51.1	SIGMA=	4.9	PHAS=	76.5	FOM=	0.24	TEST=	0
INDE	3	50	39	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	50	41	FOBS=	28.2	SIGMA=	7.2	PHAS=	-74.3	FOM=	0.48	TEST=	0
INDE	3	50	43	FOBS=	53.2	SIGMA=	3.3	PHAS=	-45.5	FOM=	0.68	TEST=	0
INDE	3	50	45	FOBS=	48.3	SIGMA=	3.3	PHAS=	-175.4	FOM=	0.72	TEST=	0
INDE	3	50	47	FOBS=	91.0	SIGMA=	1.8	PHAS=	-82.2	FOM=	0.88	TEST=	1
INDE	3	50	49	FOBS=	59.6	SIGMA=	3.1	PHAS=	76.2	FOM=	0.64	TEST=	0
INDE	3	50	51	FOBS=	28.0	SIGMA=	6.4	PHAS=	117.9	FOM=	0.42	TEST=	0
INDE	3	50	53	FOBS=	62.1	SIGMA=	2.9	PHAS=	-175.0	FOM=	0.79	TEST=	0
INDE	3	50	55	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	50	57	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	50	59	FOBS=	46.2	SIGMA=	5.4	PHAS=	-152.3	FOM=	0.44	TEST=	0
INDE	3	51	4	FOBS=	46.0	SIGMA=	3.7	PHAS=	149.7	FOM=	0.08	TEST=	0
INDE	3	51	12	FOBS=	84.1	SIGMA=	2.6	PHAS=	-162.1	FOM=	0.16	TEST=	0
INDE	3	51	14	FOBS=	136.8	SIGMA=	1.3	PHAS=	115.4	FOM=	0.88	TEST=	0
INDE	3	51	16	FOBS=	170.5	SIGMA=	1.1	PHAS=	-68.4	FOM=	0.91	TEST=	0
INDE	3	51	18	FOBS=	65.4	SIGMA=	2.6	PHAS=	167.4	FOM=	0.80	TEST=	0
INDE	3	51	20	FOBS=	127.1	SIGMA=	1.4	PHAS=	56.4	FOM=	0.80	TEST=	0
INDE	3	51	22	FOBS=	243.1	SIGMA=	1.1	PHAS=	62.2	FOM=	0.15	TEST=	1
INDE	3	51	24	FOBS=	201.4	SIGMA=	1.3	PHAS=	19.5	FOM=	0.94	TEST=	0

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INDE	3	51	26	FOBS=	69.2	SIGMA=	3.4	PHAS=	22.5	FOM=	0.93	TEST=	0
INDE	3	51	28	FOBS=	87.8	SIGMA=	4.0	PHAS=	13.9	FOM=	0.44	TEST=	1
INDE	3	51	30	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	51	32	FOBS=	39.5	SIGMA=	8.5	PHAS=	-117.7	FOM=	0.06	TEST=	1
INDE	3	51	34	FOBS=	44.2	SIGMA=	7.5	PHAS=	-23.8	FOM=	0.56	TEST=	0
INDE	3	51	36	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	51	38	FOBS=	7.9	SIGMA=	31.7	PHAS=	-33.3	FOM=	0.04	TEST=	0
INDE	3	51	40	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	51	42	FOBS=	36.0	SIGMA=	5.2	PHAS=	154.2	FOM=	0.68	TEST=	0
INDE	3	51	44	FOBS=	74.3	SIGMA=	2.3	PHAS=	102.5	FOM=	0.89	TEST=	0
INDE	3	51	46	FOBS=	38.2	SIGMA=	5.1	PHAS=	-124.8	FOM=	0.43	TEST=	0
INDE	3	51	48	FOBS=	120.7	SIGMA=	1.6	PHAS=	-128.8	FOM=	0.62	TEST=	1
INDE	3	51	50	FOBS=	73.5	SIGMA=	2.5	PHAS=	-144.5	FOM=	0.53	TEST=	0
INDE	3	51	52	FOBS=	82.5	SIGMA=	2.2	PHAS=	-127.8	FOM=	0.26	TEST=	1
INDE	3	51	54	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	3	51	56	FOBS=	57.0	SIGMA=	3.4	PHAS=	-127.8	FOM=	0.24	TEST=	0
INDE	3	51	58	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	52	3	FOBS=	133.0	SIGMA=	1.9	PHAS=	-133.8	FOM=	0.96	TEST=	0
INDE	3	52	13	FOBS=	136.6	SIGMA=	1.7	PHAS=	34.4	FOM=	0.93	TEST=	0
INDE	3	52	15	FOBS=	156.0	SIGMA=	1.1	PHAS=	-132.4	FOM=	0.91	TEST=	0
INDE	3	52	17	FOBS=	54.9	SIGMA=	3.0	PHAS=	10.2	FOM=	0.26	TEST=	0
INDE	3	52	19	FOBS=	54.7	SIGMA=	3.1	PHAS=	19.5	FOM=	0.58	TEST=	0
INDE	3	52	21	FOBS=	182.2	SIGMA=	1.2	PHAS=	-112.9	FOM=	0.89	TEST=	1
INDE	3	52	23	FOBS=	146.2	SIGMA=	1.7	PHAS=	-61.6	FOM=	0.88	TEST=	0
INDE	3	52	25	FOBS=	154.4	SIGMA=	1.6	PHAS=	-113.5	FOM=	0.91	TEST=	0
INDE	3	52	27	FOBS=	17.5	SIGMA=	13.2	PHAS=	-31.7	FOM=	0.17	TEST=	0
INDE	3	52	29	FOBS=	69.0	SIGMA=	4.9	PHAS=	172.0	FOM=	0.64	TEST=	0
INDE	3	52	31	FOBS=	46.3	SIGMA=	7.3	PHAS=	-172.2	FOM=	0.35	TEST=	0
INDE	3	52	33	FOBS=	105.3	SIGMA=	3.3	PHAS=	-15.2	FOM=	0.80	TEST=	0
INDE	3	52	35	FOBS=	144.8	SIGMA=	2.4	PHAS=	91.8	FOM=	0.93	TEST=	0
INDE	3	52	37	FOBS=	61.0	SIGMA=	5.4	PHAS=	40.2	FOM=	0.28	TEST=	0
INDE	3	52	39	FOBS=	27.2	SIGMA=	8.3	PHAS=	24.5	FOM=	0.55	TEST=	0
INDE	3	52	41	FOBS=	27.7	SIGMA=	6.7	PHAS=	-56.6	FOM=	0.27	TEST=	0
INDE	3	52	43	FOBS=	72.7	SIGMA=	2.3	PHAS=	34.6	FOM=	0.88	TEST=	0
INDE	3	52	45	FOBS=	68.8	SIGMA=	2.3	PHAS=	143.5	FOM=	0.41	TEST=	0
INDE	3	52	47	FOBS=	77.1	SIGMA=	2.1	PHAS=	-168.4	FOM=	0.85	TEST=	0
INDE	3	52	49	FOBS=	58.2	SIGMA=	3.2	PHAS=	25.6	FOM=	0.77	TEST=	0
INDE	3	52	51	FOBS=	80.5	SIGMA=	2.3	PHAS=	156.3	FOM=	0.90	TEST=	0
INDE	3	52	53	FOBS=	42.3	SIGMA=	4.3	PHAS=	136.3	FOM=	0.15	TEST=	1
INDE	3	52	55	FOBS=	14.4	SIGMA=	14.2	PHAS=	38.7	FOM=	0.08	TEST=	1
INDE	3	52	57	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	53	4	FOBS=	44.3	SIGMA=	3.6	PHAS=	-76.3	FOM=	0.27	TEST=	0
INDE	3	53	14	FOBS=	16.7	SIGMA=	13.1	PHAS=	74.7	FOM=	0.01	TEST=	1
INDE	3	53	16	FOBS=	90.7	SIGMA=	1.8	PHAS=	-10.1	FOM=	0.70	TEST=	0
INDE	3	53	18	FOBS=	176.5	SIGMA=	1.0	PHAS=	-51.4	FOM=	0.94	TEST=	0
INDE	3	53	20	FOBS=	67.6	SIGMA=	2.6	PHAS=	-169.9	FOM=	0.88	TEST=	0
INDE	3	53	22	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	3	53	24	FOBS=	47.1	SIGMA=	4.9	PHAS=	-122.7	FOM=	0.71	TEST=	0
INDE	3	53	26	FOBS=	99.5	SIGMA=	2.4	PHAS=	171.4	FOM=	0.92	TEST=	0
INDE	3	53	28	FOBS=	32.2	SIGMA=	7.1	PHAS=	22.4	FOM=	0.26	TEST=	0
INDE	3	53	30	FOBS=	112.4	SIGMA=	3.1	PHAS=	112.1	FOM=	0.94	TEST=	0
INDE	3	53	32	FOBS=	46.1	SIGMA=	7.2	PHAS=	72.9	FOM=	0.44	TEST=	0
INDE	3	53	34	FOBS=	29.3	SIGMA=	11.4	PHAS=	64.7	FOM=	0.50	TEST=	1
INDE	3	53	36	FOBS=	40.1	SIGMA=	8.2	PHAS=	-107.2	FOM=	0.24	TEST=	0
INDE	3	53	38	FOBS=	28.8	SIGMA=	11.1	PHAS=	-129.9	FOM=	0.51	TEST=	0
INDE	3	53	40	FOBS=	51.9	SIGMA=	3.9	PHAS=	-84.7	FOM=	0.41	TEST=	0
INDE	3	53	42	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	3	53	44	FOBS=	82.4	SIGMA=	2.1	PHAS=	-51.7	FOM=	0.88	TEST=	0
INDE	3	53	46	FOBS=	56.6	SIGMA=	2.9	PHAS=	66.6	FOM=	0.63	TEST=	0
INDE	3	53	48	FOBS=	12.4	SIGMA=	15.4	PHAS=	-56.8	FOM=	0.09	TEST=	0
INDE	3	53	50	FOBS=	31.3	SIGMA=	6.2	PHAS=	-126.9	FOM=	0.29	TEST=	0
INDE	3	53	52	FOBS=	38.3	SIGMA=	5.1	PHAS=	69.5	FOM=	0.41	TEST=	0
INDE	3	53	54	FOBS=	62.1	SIGMA=	3.2	PHAS=	-55.3	FOM=	0.85	TEST=	0
INDE	3	53	56	FOBS=	55.9	SIGMA=	5.1	PHAS=	50.5	FOM=	0.84	TEST=	0
INDE	3	54	3	FOBS=	109.7	SIGMA=	1.5	PHAS=	-130.4	FOM=	0.98	TEST=	0
INDE	3	54	15	FOBS=	43.2	SIGMA=	3.7	PHAS=	-153.5	FOM=	0.23	TEST=	1
INDE	3	54	17	FOBS=	76.7	SIGMA=	2.1	PHAS=	-70.8	FOM=	0.77	TEST=	0
INDE	3	54	19	FOBS=	176.2	SIGMA=	1.0	PHAS=	152.6	FOM=	0.96	TEST=	0
INDE	3	54	21	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	54	23	FOBS=	119.1	SIGMA=	2.0	PHAS=	8.2	FOM=	0.69	TEST=	0

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FIG. 12A - 100

INDE	3	57	30	FOBS=	77.1	SIGMA=	3.1	PHAS=	134.1	FOM=	0.92	TEST=	0
INDE	3	57	32	FOBS=	46.4	SIGMA=	5.0	PHAS=	-87.9	FOM=	0.35	TEST=	0
INDE	3	57	34	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	57	36	FOBS=	69.8	SIGMA=	4.8	PHAS=	143.7	FOM=	0.85	TEST=	0
INDE	3	57	38	FOBS=	16.0	SIGMA=	20.2	PHAS=	-156.5	FOM=	0.42	TEST=	0
INDE	3	57	40	FOBS=	104.7	SIGMA=	2.0	PHAS=	170.7	FOM=	0.91	TEST=	0
INDE	3	57	42	FOBS=	61.9	SIGMA=	3.1	PHAS=	-35.8	FOM=	0.84	TEST=	0
INDE	3	57	44	FOBS=	78.2	SIGMA=	2.5	PHAS=	43.4	FOM=	0.70	TEST=	0
INDE	3	57	46	FOBS=	49.6	SIGMA=	4.4	PHAS=	-92.2	FOM=	0.78	TEST=	0
INDE	3	57	48	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	3	57	50	FOBS=	43.6	SIGMA=	6.0	PHAS=	-8.1	FOM=	0.69	TEST=	0
INDE	3	57	52	FOBS=	0.0	SIGMA=	25.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	58	3	FOBS=	59.7	SIGMA=	3.9	PHAS=	-45.5	FOM=	0.45	TEST=	0
INDE	3	58	5	FOBS=	148.4	SIGMA=	1.1	PHAS=	-32.9	FOM=	0.89	TEST=	0
INDE	3	58	13	FOBS=	83.8	SIGMA=	6.2	PHAS=	180.0	FOM=	0.00	TEST=	1
INDE	3	58	15	FOBS=	109.8	SIGMA=	2.1	PHAS=	133.5	FOM=	0.87	TEST=	0
INDE	3	58	17	FOBS=	104.8	SIGMA=	1.5	PHAS=	125.5	FOM=	0.92	TEST=	0
INDE	3	58	19	FOBS=	148.5	SIGMA=	1.1	PHAS=	-138.1	FOM=	0.94	TEST=	0
INDE	3	58	21	FOBS=	19.4	SIGMA=	9.0	PHAS=	150.5	FOM=	0.09	TEST=	0
INDE	3	58	23	FOBS=	132.1	SIGMA=	1.4	PHAS=	23.2	FOM=	0.93	TEST=	0
INDE	3	58	25	FOBS=	113.0	SIGMA=	1.6	PHAS=	-68.5	FOM=	0.95	TEST=	0
INDE	3	58	27	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	58	29	FOBS=	29.9	SIGMA=	9.1	PHAS=	67.1	FOM=	0.53	TEST=	0
INDE	3	58	31	FOBS=	51.7	SIGMA=	4.5	PHAS=	164.2	FOM=	0.64	TEST=	0
INDE	3	58	33	FOBS=	68.2	SIGMA=	3.4	PHAS=	105.9	FOM=	0.69	TEST=	0
INDE	3	58	35	FOBS=	47.2	SIGMA=	7.1	PHAS=	98.0	FOM=	0.59	TEST=	0
INDE	3	58	37	FOBS=	120.9	SIGMA=	2.9	PHAS=	83.1	FOM=	0.93	TEST=	0
INDE	3	58	39	FOBS=	147.6	SIGMA=	2.0	PHAS=	73.8	FOM=	0.96	TEST=	0
INDE	3	58	41	FOBS=	26.1	SIGMA=	12.9	PHAS=	76.0	FOM=	0.17	TEST=	1
INDE	3	58	43	FOBS=	42.9	SIGMA=	4.4	PHAS=	-62.1	FOM=	0.79	TEST=	0
INDE	3	58	45	FOBS=	23.9	SIGMA=	7.9	PHAS=	-115.2	FOM=	0.16	TEST=	0
INDE	3	58	47	FOBS=	49.8	SIGMA=	4.5	PHAS=	171.5	FOM=	0.77	TEST=	0
INDE	3	58	49	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	58	51	FOBS=	37.5	SIGMA=	8.8	PHAS=	176.7	FOM=	0.31	TEST=	0
INDE	3	59	4	FOBS=	122.6	SIGMA=	1.4	PHAS=	-123.0	FOM=	0.86	TEST=	0
INDE	3	59	6	FOBS=	67.2	SIGMA=	2.5	PHAS=	54.2	FOM=	0.29	TEST=	0
INDE	3	59	12	FOBS=	50.9	SIGMA=	9.5	PHAS=	82.5	FOM=	0.22	TEST=	0
INDE	3	59	14	FOBS=	45.8	SIGMA=	7.8	PHAS=	-154.7	FOM=	0.19	TEST=	0
INDE	3	59	16	FOBS=	25.4	SIGMA=	8.9	PHAS=	-73.5	FOM=	0.22	TEST=	0
INDE	3	59	18	FOBS=	75.9	SIGMA=	2.3	PHAS=	-119.5	FOM=	0.86	TEST=	0
INDE	3	59	20	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	3	59	22	FOBS=	109.8	SIGMA=	1.8	PHAS=	-65.0	FOM=	0.92	TEST=	0
INDE	3	59	24	FOBS=	96.6	SIGMA=	2.1	PHAS=	-99.4	FOM=	0.84	TEST=	0
INDE	3	59	26	FOBS=	41.0	SIGMA=	4.8	PHAS=	-140.0	FOM=	0.45	TEST=	0
INDE	3	59	28	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	59	30	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	59	32	FOBS=	66.2	SIGMA=	3.6	PHAS=	76.3	FOM=	0.73	TEST=	0
INDE	3	59	34	FOBS=	51.8	SIGMA=	4.5	PHAS=	3.5	FOM=	0.74	TEST=	0
INDE	3	59	36	FOBS=	70.4	SIGMA=	4.8	PHAS=	55.6	FOM=	0.85	TEST=	0
INDE	3	59	38	FOBS=	123.6	SIGMA=	2.3	PHAS=	-29.5	FOM=	0.96	TEST=	0
INDE	3	59	40	FOBS=	61.6	SIGMA=	3.9	PHAS=	71.8	FOM=	0.87	TEST=	0
INDE	3	59	42	FOBS=	73.6	SIGMA=	2.6	PHAS=	-4.6	FOM=	0.88	TEST=	0
INDE	3	59	44	FOBS=	42.0	SIGMA=	4.5	PHAS=	-127.4	FOM=	0.58	TEST=	0
INDE	3	59	46	FOBS=	24.1	SIGMA=	12.0	PHAS=	141.7	FOM=	0.19	TEST=	0
INDE	3	59	48	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	59	50	FOBS=	38.9	SIGMA=	8.7	PHAS=	161.6	FOM=	0.06	TEST=	0
INDE	3	60	3	FOBS=	124.5	SIGMA=	1.9	PHAS=	-134.4	FOM=	0.90	TEST=	0
INDE	3	60	5	FOBS=	62.0	SIGMA=	1.9	PHAS=	61.1	FOM=	0.92	TEST=	1
INDE	3	60	11	FOBS=	0.0	SIGMA=	31.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	60	13	FOBS=	69.3	SIGMA=	5.2	PHAS=	60.2	FOM=	0.55	TEST=	0
INDE	3	60	15	FOBS=	48.9	SIGMA=	7.2	PHAS=	-52.3	FOM=	0.28	TEST=	0
INDE	3	60	17	FOBS=	99.7	SIGMA=	2.4	PHAS=	-165.9	FOM=	0.95	TEST=	0
INDE	3	60	19	FOBS=	54.1	SIGMA=	3.8	PHAS=	-98.8	FOM=	0.73	TEST=	0
INDE	3	60	21	FOBS=	22.4	SIGMA=	8.2	PHAS=	100.1	FOM=	0.12	TEST=	0
INDE	3	60	23	FOBS=	51.3	SIGMA=	3.8	PHAS=	107.6	FOM=	0.39	TEST=	0
INDE	3	60	25	FOBS=	90.2	SIGMA=	2.6	PHAS=	44.6	FOM=	0.83	TEST=	0
INDE	3	60	27	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	60	29	FOBS=	41.2	SIGMA=	8.2	PHAS=	-13.6	FOM=	0.48	TEST=	0
INDE	3	60	31	FOBS=	72.3	SIGMA=	3.9	PHAS=	0.5	FOM=	0.88	TEST=	0
INDE	3	60	33	FOBS=	18.9	SIGMA=	18.5	PHAS=	-146.6	FOM=	0.35	TEST=	0

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INDE	3	60	35	FOBS=	76.9	SIGMA=	3.7	PHAS=	-115.6	FOM=	0.88	TEST=	0
INDE	3	60	37	FOBS=	94.4	SIGMA=	3.6	PHAS=	-95.2	FOM=	0.92	TEST=	0
INDE	3	60	39	FOBS=	47.9	SIGMA=	5.0	PHAS=	-135.4	FOM=	0.08	TEST=	1
INDE	3	60	41	FOBS=	46.7	SIGMA=	5.1	PHAS=	-48.0	FOM=	0.77	TEST=	0
INDE	3	60	43	FOBS=	56.4	SIGMA=	3.4	PHAS=	-142.0	FOM=	0.72	TEST=	0
INDE	3	60	45	FOBS=	77.7	SIGMA=	3.2	PHAS=	84.5	FOM=	0.09	TEST=	1
INDE	3	60	47	FOBS=	24.6	SIGMA=	14.4	PHAS=	64.0	FOM=	0.12	TEST=	1
INDE	3	60	49	FOBS=	18.8	SIGMA=	17.9	PHAS=	63.0	FOM=	0.14	TEST=	0
INDE	3	61	4	FOBS=	167.6	SIGMA=	1.5	PHAS=	166.9	FOM=	0.95	TEST=	0
INDE	3	61	6	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	3	61	10	FOBS=	84.4	SIGMA=	6.0	PHAS=	-139.1	FOM=	0.74	TEST=	0
INDE	3	61	12	FOBS=	70.7	SIGMA=	5.2	PHAS=	-4.9	FOM=	0.82	TEST=	0
INDE	3	61	14	FOBS=	52.3	SIGMA=	6.7	PHAS=	-148.7	FOM=	0.61	TEST=	0
INDE	3	61	16	FOBS=	187.7	SIGMA=	2.1	PHAS=	178.8	FOM=	0.56	TEST=	1
INDE	3	61	18	FOBS=	109.0	SIGMA=	2.2	PHAS=	-116.1	FOM=	0.91	TEST=	0
INDE	3	61	20	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	61	22	FOBS=	82.4	SIGMA=	2.6	PHAS=	-72.1	FOM=	0.72	TEST=	0
INDE	3	61	24	FOBS=	96.5	SIGMA=	2.4	PHAS=	50.6	FOM=	0.68	TEST=	0
INDE	3	61	26	FOBS=	39.0	SIGMA=	5.9	PHAS=	-121.6	FOM=	0.43	TEST=	0
INDE	3	61	28	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	61	30	FOBS=	129.0	SIGMA=	2.3	PHAS=	-101.9	FOM=	0.96	TEST=	0
INDE	3	61	32	FOBS=	54.7	SIGMA=	5.2	PHAS=	48.3	FOM=	0.64	TEST=	0
INDE	3	61	34	FOBS=	67.4	SIGMA=	4.2	PHAS=	-174.2	FOM=	0.73	TEST=	0
INDE	3	61	36	FOBS=	84.2	SIGMA=	3.4	PHAS=	125.9	FOM=	0.92	TEST=	0
INDE	3	61	38	FOBS=	49.9	SIGMA=	5.5	PHAS=	-59.7	FOM=	0.82	TEST=	0
INDE	3	61	40	FOBS=	35.1	SIGMA=	6.9	PHAS=	-36.9	FOM=	0.69	TEST=	0
INDE	3	61	42	FOBS=	47.4	SIGMA=	4.3	PHAS=	-164.3	FOM=	0.40	TEST=	1
INDE	3	61	44	FOBS=	87.9	SIGMA=	2.5	PHAS=	-47.9	FOM=	0.89	TEST=	0
INDE	3	61	46	FOBS=	50.8	SIGMA=	6.8	PHAS=	-139.5	FOM=	0.76	TEST=	0
INDE	3	61	48	FOBS=	25.6	SIGMA=	13.6	PHAS=	-17.9	FOM=	0.13	TEST=	0
INDE	3	62	3	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	62	5	FOBS=	102.2	SIGMA=	1.8	PHAS=	56.7	FOM=	0.89	TEST=	0
INDE	3	62	9	FOBS=	58.7	SIGMA=	8.7	PHAS=	135.3	FOM=	0.85	TEST=	0
INDE	3	62	11	FOBS=	0.0	SIGMA=	26.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	62	13	FOBS=	77.0	SIGMA=	4.7	PHAS=	136.2	FOM=	0.75	TEST=	0
INDE	3	62	15	FOBS=	96.6	SIGMA=	3.7	PHAS=	2.1	FOM=	0.63	TEST=	0
INDE	3	62	17	FOBS=	172.9	SIGMA=	2.3	PHAS=	158.7	FOM=	0.95	TEST=	0
INDE	3	62	19	FOBS=	79.0	SIGMA=	2.5	PHAS=	21.7	FOM=	0.92	TEST=	0
INDE	3	62	21	FOBS=	91.9	SIGMA=	2.3	PHAS=	49.1	FOM=	0.46	TEST=	1
INDE	3	62	23	FOBS=	45.9	SIGMA=	4.8	PHAS=	141.9	FOM=	0.61	TEST=	0
INDE	3	62	25	FOBS=	127.2	SIGMA=	1.8	PHAS=	85.1	FOM=	0.94	TEST=	0
INDE	3	62	27	FOBS=	47.1	SIGMA=	4.9	PHAS=	-63.5	FOM=	0.32	TEST=	0
INDE	3	62	29	FOBS=	112.8	SIGMA=	2.2	PHAS=	-159.5	FOM=	0.92	TEST=	0
INDE	3	62	31	FOBS=	48.3	SIGMA=	5.8	PHAS=	-119.1	FOM=	0.20	TEST=	0
INDE	3	62	33	FOBS=	29.6	SIGMA=	11.5	PHAS=	-13.3	FOM=	0.44	TEST=	0
INDE	3	62	35	FOBS=	54.9	SIGMA=	5.2	PHAS=	-99.0	FOM=	0.66	TEST=	0
INDE	3	62	37	FOBS=	44.4	SIGMA=	5.5	PHAS=	-2.9	FOM=	0.29	TEST=	0
INDE	3	62	39	FOBS=	83.3	SIGMA=	3.0	PHAS=	-116.3	FOM=	0.90	TEST=	0
INDE	3	62	41	FOBS=	34.4	SIGMA=	8.1	PHAS=	134.1	FOM=	0.52	TEST=	0
INDE	3	62	43	FOBS=	111.9	SIGMA=	2.0	PHAS=	-163.2	FOM=	0.87	TEST=	0
INDE	3	62	45	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	63	4	FOBS=	80.3	SIGMA=	4.2	PHAS=	98.1	FOM=	0.64	TEST=	0
INDE	3	63	6	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	63	8	FOBS=	125.4	SIGMA=	4.2	PHAS=	180.0	FOM=	0.00	TEST=	1
INDE	3	63	10	FOBS=	0.0	SIGMA=	26.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	63	12	FOBS=	79.7	SIGMA=	4.6	PHAS=	23.1	FOM=	0.36	TEST=	0
INDE	3	63	14	FOBS=	50.5	SIGMA=	7.0	PHAS=	122.9	FOM=	0.33	TEST=	0
INDE	3	63	16	FOBS=	58.7	SIGMA=	6.0	PHAS=	-177.9	FOM=	0.10	TEST=	1
INDE	3	63	18	FOBS=	64.4	SIGMA=	3.6	PHAS=	-56.0	FOM=	0.79	TEST=	0
INDE	3	63	20	FOBS=	130.9	SIGMA=	1.6	PHAS=	-43.1	FOM=	0.96	TEST=	0
INDE	3	63	22	FOBS=	85.0	SIGMA=	2.5	PHAS=	9.1	FOM=	0.91	TEST=	0
INDE	3	63	24	FOBS=	94.2	SIGMA=	2.4	PHAS=	94.9	FOM=	0.67	TEST=	1
INDE	3	63	26	FOBS=	92.0	SIGMA=	2.5	PHAS=	-75.1	FOM=	0.88	TEST=	0
INDE	3	63	28	FOBS=	74.4	SIGMA=	3.2	PHAS=	85.4	FOM=	0.86	TEST=	0
INDE	3	63	30	FOBS=	60.6	SIGMA=	4.0	PHAS=	-19.1	FOM=	0.80	TEST=	0
INDE	3	63	32	FOBS=	92.0	SIGMA=	3.1	PHAS=	-153.0	FOM=	0.94	TEST=	0
INDE	3	63	34	FOBS=	60.4	SIGMA=	4.8	PHAS=	-105.8	FOM=	0.75	TEST=	0
INDE	3	63	36	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	63	38	FOBS=	59.4	SIGMA=	3.8	PHAS=	86.6	FOM=	0.78	TEST=	0
INDE	3	63	40	FOBS=	28.4	SIGMA=	12.5	PHAS=	-95.6	FOM=	0.32	TEST=	0

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INDE	3	63	42	FOBS=	55.4	SIGMA=	4.5	PHAS=	128.1	FOM=	0.88	TEST=	0
INDE	3	63	44	FOBS=	29.1	SIGMA=	12.1	PHAS=	48.9	FOM=	0.77	TEST=	0
INDE	3	64	3	FOBS=	34.9	SIGMA=	9.0	PHAS=	178.9	FOM=	0.44	TEST=	0
INDE	3	64	5	FOBS=	23.8	SIGMA=	13.7	PHAS=	-34.2	FOM=	0.28	TEST=	0
INDE	3	64	7	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	3	64	9	FOBS=	81.8	SIGMA=	4.4	PHAS=	169.7	FOM=	0.73	TEST=	0
INDE	3	64	11	FOBS=	73.1	SIGMA=	5.0	PHAS=	140.6	FOM=	0.03	TEST=	1
INDE	3	64	13	FOBS=	30.7	SIGMA=	11.4	PHAS=	-92.7	FOM=	0.16	TEST=	0
INDE	3	64	15	FOBS=	73.5	SIGMA=	4.8	PHAS=	20.8	FOM=	0.80	TEST=	0
INDE	3	64	17	FOBS=	40.4	SIGMA=	8.8	PHAS=	-148.8	FOM=	0.39	TEST=	0
INDE	3	64	19	FOBS=	18.8	SIGMA=	12.2	PHAS=	179.0	FOM=	0.46	TEST=	0
INDE	3	64	21	FOBS=	60.0	SIGMA=	3.4	PHAS=	50.3	FOM=	0.48	TEST=	0
INDE	3	64	23	FOBS=	65.7	SIGMA=	3.2	PHAS=	-79.2	FOM=	0.74	TEST=	0
INDE	3	64	25	FOBS=	34.0	SIGMA=	6.5	PHAS=	97.6	FOM=	0.60	TEST=	0
INDE	3	64	27	FOBS=	43.8	SIGMA=	6.2	PHAS=	-124.7	FOM=	0.61	TEST=	0
INDE	3	64	29	FOBS=	73.2	SIGMA=	3.3	PHAS=	-64.9	FOM=	0.86	TEST=	0
INDE	3	64	31	FOBS=	19.5	SIGMA=	12.3	PHAS=	-131.8	FOM=	0.15	TEST=	0
INDE	3	64	33	FOBS=	48.2	SIGMA=	6.0	PHAS=	24.4	FOM=	0.76	TEST=	0
INDE	3	64	35	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	64	37	FOBS=	49.3	SIGMA=	5.1	PHAS=	67.2	FOM=	0.05	TEST=	1
INDE	3	64	39	FOBS=	33.6	SIGMA=	7.4	PHAS=	-112.9	FOM=	0.61	TEST=	0
INDE	3	64	41	FOBS=	61.1	SIGMA=	4.2	PHAS=	-22.0	FOM=	0.67	TEST=	0
INDE	3	64	43	FOBS=	47.2	SIGMA=	6.3	PHAS=	4.3	FOM=	0.73	TEST=	0
INDE	3	65	4	FOBS=	78.6	SIGMA=	4.2	PHAS=	77.5	FOM=	0.81	TEST=	0
INDE	3	65	6	FOBS=	46.2	SIGMA=	3.6	PHAS=	116.1	FOM=	0.44	TEST=	0
INDE	3	65	8	FOBS=	38.3	SIGMA=	9.2	PHAS=	33.9	FOM=	0.56	TEST=	0
INDE	3	65	10	FOBS=	65.7	SIGMA=	5.5	PHAS=	35.3	FOM=	0.79	TEST=	0
INDE	3	65	12	FOBS=	55.1	SIGMA=	6.5	PHAS=	146.4	FOM=	0.65	TEST=	0
INDE	3	65	14	FOBS=	83.8	SIGMA=	4.3	PHAS=	177.2	FOM=	0.44	TEST=	1
INDE	3	65	16	FOBS=	22.6	SIGMA=	15.5	PHAS=	-46.3	FOM=	0.46	TEST=	0
INDE	3	65	18	FOBS=	0.0	SIGMA=	26.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	65	20	FOBS=	81.6	SIGMA=	3.0	PHAS=	-4.7	FOM=	0.89	TEST=	0
INDE	3	65	22	FOBS=	56.3	SIGMA=	3.7	PHAS=	-43.7	FOM=	0.54	TEST=	0
INDE	3	65	24	FOBS=	24.5	SIGMA=	9.7	PHAS=	96.5	FOM=	0.09	TEST=	0
INDE	3	65	26	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	65	28	FOBS=	4.9	SIGMA=	55.0	PHAS=	-116.6	FOM=	0.04	TEST=	0
INDE	3	65	30	FOBS=	30.4	SIGMA=	7.8	PHAS=	156.7	FOM=	0.05	TEST=	1
INDE	3	65	32	FOBS=	88.1	SIGMA=	2.8	PHAS=	-118.7	FOM=	0.93	TEST=	0
INDE	3	65	34	FOBS=	66.5	SIGMA=	4.4	PHAS=	-48.7	FOM=	0.90	TEST=	0
INDE	3	65	36	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	65	38	FOBS=	40.7	SIGMA=	6.3	PHAS=	53.3	FOM=	0.28	TEST=	0
INDE	3	65	40	FOBS=	91.3	SIGMA=	2.6	PHAS=	151.4	FOM=	0.87	TEST=	0
INDE	3	65	42	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	66	5	FOBS=	75.1	SIGMA=	3.7	PHAS=	24.9	FOM=	0.76	TEST=	0
INDE	3	66	7	FOBS=	110.6	SIGMA=	1.7	PHAS=	-88.5	FOM=	0.86	TEST=	0
INDE	3	66	9	FOBS=	9.7	SIGMA=	36.3	PHAS=	-129.6	FOM=	0.09	TEST=	0
INDE	3	66	11	FOBS=	70.6	SIGMA=	5.2	PHAS=	-52.2	FOM=	0.82	TEST=	0
INDE	3	66	13	FOBS=	52.1	SIGMA=	6.9	PHAS=	96.0	FOM=	0.73	TEST=	0
INDE	3	66	15	FOBS=	0.0	SIGMA=	26.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	66	17	FOBS=	33.4	SIGMA=	10.5	PHAS=	-107.7	FOM=	0.24	TEST=	0
INDE	3	66	19	FOBS=	92.1	SIGMA=	2.5	PHAS=	-111.5	FOM=	0.83	TEST=	0
INDE	3	66	21	FOBS=	37.3	SIGMA=	5.3	PHAS=	-163.5	FOM=	0.24	TEST=	0
INDE	3	66	23	FOBS=	97.9	SIGMA=	2.3	PHAS=	-171.0	FOM=	0.87	TEST=	0
INDE	3	66	25	FOBS=	56.3	SIGMA=	3.9	PHAS=	-47.6	FOM=	0.87	TEST=	0
INDE	3	66	27	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	66	29	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	66	31	FOBS=	87.0	SIGMA=	2.9	PHAS=	-154.1	FOM=	0.89	TEST=	0
INDE	3	66	33	FOBS=	44.4	SIGMA=	5.6	PHAS=	179.8	FOM=	0.70	TEST=	0
INDE	3	66	35	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	66	37	FOBS=	43.9	SIGMA=	5.3	PHAS=	-21.7	FOM=	0.67	TEST=	0
INDE	3	66	39	FOBS=	36.6	SIGMA=	7.2	PHAS=	31.7	FOM=	0.75	TEST=	0
INDE	3	66	41	FOBS=	7.7	SIGMA=	47.5	PHAS=	-96.0	FOM=	0.12	TEST=	0
INDE	3	67	4	FOBS=	53.9	SIGMA=	5.8	PHAS=	-178.0	FOM=	0.58	TEST=	0
INDE	3	67	6	FOBS=	111.5	SIGMA=	2.6	PHAS=	-150.9	FOM=	0.95	TEST=	0
INDE	3	67	8	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	67	10	FOBS=	36.2	SIGMA=	9.9	PHAS=	-88.7	FOM=	0.26	TEST=	0
INDE	3	67	12	FOBS=	47.0	SIGMA=	7.6	PHAS=	110.4	FOM=	0.68	TEST=	0
INDE	3	67	14	FOBS=	39.1	SIGMA=	9.0	PHAS=	86.5	FOM=	0.64	TEST=	0
INDE	3	67	16	FOBS=	23.1	SIGMA=	15.1	PHAS=	-82.1	FOM=	0.29	TEST=	0
INDE	3	67	18	FOBS=	84.1	SIGMA=	4.3	PHAS=	82.0	FOM=	0.50	TEST=	0

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INDE	3	67	20	FOBS=	47.0	SIGMA=	4.9	PHAS=	132.5	FOM=	0.74	TEST=	0
INDE	3	67	22	FOBS=	147.1	SIGMA=	1.5	PHAS=	160.7	FOM=	0.94	TEST=	0
INDE	3	67	24	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	67	26	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	67	28	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	67	30	FOBS=	53.6	SIGMA=	5.3	PHAS=	-20.4	FOM=	0.84	TEST=	0
INDE	3	67	32	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	67	34	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	67	36	FOBS=	49.2	SIGMA=	4.7	PHAS=	-135.6	FOM=	0.47	TEST=	0
INDE	3	67	38	FOBS=	46.4	SIGMA=	5.1	PHAS=	-50.7	FOM=	0.81	TEST=	0
INDE	3	68	3	FOBS=	141.7	SIGMA=	2.3	PHAS=	-148.6	FOM=	0.33	TEST=	1
INDE	3	68	5	FOBS=	56.0	SIGMA=	5.9	PHAS=	95.8	FOM=	0.86	TEST=	0
INDE	3	68	7	FOBS=	66.2	SIGMA=	2.7	PHAS=	159.8	FOM=	0.88	TEST=	0
INDE	3	68	11	FOBS=	63.7	SIGMA=	8.1	PHAS=	-137.6	FOM=	0.09	TEST=	1
INDE	3	68	13	FOBS=	84.0	SIGMA=	6.3	PHAS=	22.9	FOM=	0.82	TEST=	0
INDE	3	68	15	FOBS=	15.7	SIGMA=	22.4	PHAS=	-143.4	FOM=	0.06	TEST=	0
INDE	3	68	17	FOBS=	33.1	SIGMA=	10.7	PHAS=	24.0	FOM=	0.26	TEST=	0
INDE	3	68	19	FOBS=	0.0	SIGMA=	26.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	68	21	FOBS=	89.8	SIGMA=	2.8	PHAS=	25.5	FOM=	0.92	TEST=	0
INDE	3	68	23	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	68	25	FOBS=	46.9	SIGMA=	4.7	PHAS=	66.7	FOM=	0.82	TEST=	0
INDE	3	68	27	FOBS=	22.5	SIGMA=	10.3	PHAS=	172.7	FOM=	0.29	TEST=	0
INDE	3	68	29	FOBS=	52.1	SIGMA=	4.6	PHAS=	-43.9	FOM=	0.71	TEST=	0
INDE	3	68	31	FOBS=	100.3	SIGMA=	2.6	PHAS=	-113.1	FOM=	0.96	TEST=	0
INDE	3	68	33	FOBS=	33.8	SIGMA=	7.5	PHAS=	-82.5	FOM=	0.60	TEST=	0
INDE	3	68	35	FOBS=	47.2	SIGMA=	4.9	PHAS=	140.9	FOM=	0.73	TEST=	0
INDE	3	68	37	FOBS=	54.7	SIGMA=	4.4	PHAS=	-65.3	FOM=	0.66	TEST=	0
INDE	3	69	4	FOBS=	59.1	SIGMA=	5.3	PHAS=	110.5	FOM=	0.80	TEST=	0
INDE	3	69	6	FOBS=	103.5	SIGMA=	3.4	PHAS=	-154.4	FOM=	0.22	TEST=	1
INDE	3	69	8	FOBS=	45.7	SIGMA=	4.7	PHAS=	168.0	FOM=	0.39	TEST=	0
INDE	3	69	16	FOBS=	36.1	SIGMA=	14.4	PHAS=	155.9	FOM=	0.31	TEST=	0
INDE	3	69	18	FOBS=	41.9	SIGMA=	12.1	PHAS=	-28.7	FOM=	0.60	TEST=	0
INDE	3	69	20	FOBS=	25.3	SIGMA=	14.2	PHAS=	-147.8	FOM=	0.50	TEST=	0
INDE	3	69	22	FOBS=	34.7	SIGMA=	7.1	PHAS=	57.0	FOM=	0.33	TEST=	0
INDE	3	69	24	FOBS=	56.8	SIGMA=	3.9	PHAS=	-14.4	FOM=	0.89	TEST=	0
INDE	3	69	26	FOBS=	50.3	SIGMA=	4.4	PHAS=	61.4	FOM=	0.67	TEST=	0
INDE	3	69	28	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	69	30	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	69	32	FOBS=	93.9	SIGMA=	2.8	PHAS=	163.4	FOM=	0.91	TEST=	0
INDE	3	69	34	FOBS=	58.0	SIGMA=	4.0	PHAS=	155.8	FOM=	0.20	TEST=	1
INDE	3	70	3	FOBS=	120.4	SIGMA=	2.7	PHAS=	65.6	FOM=	0.94	TEST=	0
INDE	3	70	5	FOBS=	89.3	SIGMA=	3.5	PHAS=	96.0	FOM=	0.88	TEST=	0
INDE	3	70	9	FOBS=	44.3	SIGMA=	5.9	PHAS=	20.9	FOM=	0.55	TEST=	0
INDE	3	70	19	FOBS=	100.5	SIGMA=	5.3	PHAS=	140.0	FOM=	0.66	TEST=	0
INDE	3	70	21	FOBS=	86.6	SIGMA=	6.1	PHAS=	-44.8	FOM=	0.90	TEST=	0
INDE	3	70	23	FOBS=	40.1	SIGMA=	5.6	PHAS=	-53.0	FOM=	0.47	TEST=	0
INDE	3	70	25	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	3	70	27	FOBS=	62.6	SIGMA=	3.7	PHAS=	-84.2	FOM=	0.51	TEST=	0
INDE	3	70	29	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	70	31	FOBS=	53.7	SIGMA=	4.6	PHAS=	114.7	FOM=	0.82	TEST=	0
INDE	3	70	33	FOBS=	65.5	SIGMA=	4.0	PHAS=	101.3	FOM=	0.68	TEST=	0
INDE	3	71	4	FOBS=	59.1	SIGMA=	5.3	PHAS=	6.2	FOM=	0.78	TEST=	0
INDE	3	71	6	FOBS=	46.7	SIGMA=	7.1	PHAS=	54.7	FOM=	0.54	TEST=	0
INDE	3	71	8	FOBS=	71.1	SIGMA=	2.5	PHAS=	-116.6	FOM=	0.66	TEST=	0
INDE	3	71	22	FOBS=	9.1	SIGMA=	35.2	PHAS=	-19.4	FOM=	0.25	TEST=	0
INDE	3	71	24	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	71	26	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	71	28	FOBS=	39.0	SIGMA=	6.7	PHAS=	87.4	FOM=	0.51	TEST=	0
INDE	3	71	30	FOBS=	47.1	SIGMA=	6.3	PHAS=	56.3	FOM=	0.84	TEST=	0
INDE	3	72	3	FOBS=	31.0	SIGMA=	10.4	PHAS=	168.0	FOM=	0.39	TEST=	0
INDE	3	72	5	FOBS=	0.0	SIGMA=	24.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	72	7	FOBS=	70.7	SIGMA=	4.9	PHAS=	124.3	FOM=	0.82	TEST=	0
INDE	3	72	9	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	72	23	FOBS=	17.7	SIGMA=	19.3	PHAS=	76.9	FOM=	0.06	TEST=	0
INDE	3	72	25	FOBS=	22.0	SIGMA=	12.3	PHAS=	59.0	FOM=	0.12	TEST=	0
INDE	3	72	27	FOBS=	39.3	SIGMA=	7.6	PHAS=	-124.0	FOM=	0.65	TEST=	0
INDE	3	72	29	FOBS=	93.6	SIGMA=	3.0	PHAS=	-31.5	FOM=	0.90	TEST=	0
INDE	3	73	4	FOBS=	56.4	SIGMA=	5.5	PHAS=	55.2	FOM=	0.20	TEST=	0
INDE	3	73	6	FOBS=	44.8	SIGMA=	6.9	PHAS=	-98.7	FOM=	0.23	TEST=	0
INDE	3	73	8	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0

INDE	3	73	10	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	3	73	24	FOBS=	36.2	SIGMA=	10.0	PHAS=	4.1	FOM=	0.60	TEST=	0
INDE	3	73	26	FOBS=	51.0	SIGMA=	5.6	PHAS=	-160.6	FOM=	0.17	TEST=	1
INDE	3	74	3	FOBS=	53.3	SIGMA=	6.1	PHAS=	146.0	FOM=	0.00	TEST=	1
INDE	3	74	5	FOBS=	46.9	SIGMA=	6.8	PHAS=	147.2	FOM=	0.74	TEST=	0
INDE	3	74	7	FOBS=	89.2	SIGMA=	3.8	PHAS=	157.8	FOM=	0.93	TEST=	0
INDE	3	74	9	FOBS=	12.0	SIGMA=	14.8	PHAS=	-127.8	FOM=	0.07	TEST=	0
INDE	3	75	4	FOBS=	48.7	SIGMA=	6.8	PHAS=	-122.8	FOM=	0.17	TEST=	1
INDE	3	75	6	FOBS=	84.5	SIGMA=	3.8	PHAS=	81.0	FOM=	0.69	TEST=	0
INDE	3	75	8	FOBS=	72.1	SIGMA=	4.8	PHAS=	96.8	FOM=	0.88	TEST=	0
INDE	3	75	10	FOBS=	61.6	SIGMA=	3.4	PHAS=	125.3	FOM=	0.84	TEST=	0
INDE	3	76	5	FOBS=	11.7	SIGMA=	28.4	PHAS=	145.2	FOM=	0.08	TEST=	0
INDE	3	76	7	FOBS=	72.3	SIGMA=	4.5	PHAS=	125.7	FOM=	0.82	TEST=	0
INDE	3	76	9	FOBS=	88.7	SIGMA=	4.1	PHAS=	5.4	FOM=	0.90	TEST=	0
INDE	3	76	11	FOBS=	72.6	SIGMA=	3.8	PHAS=	180.0	FOM=	0.00	TEST=	1
INDE	3	77	6	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	3	77	8	FOBS=	85.9	SIGMA=	4.1	PHAS=	17.4	FOM=	0.40	TEST=	1
INDE	3	77	10	FOBS=	0.0	SIGMA=	26.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	5	17	FOBS=	160.1	SIGMA=	0.4	PHAS=	-7.3	FOM=	0.27	TEST=	0
INDE	4	5	19	FOBS=	252.9	SIGMA=	0.4	PHAS=	-170.4	FOM=	0.80	TEST=	0
INDE	4	5	21	FOBS=	215.8	SIGMA=	0.5	PHAS=	31.2	FOM=	0.13	TEST=	1
INDE	4	5	23	FOBS=	204.4	SIGMA=	0.6	PHAS=	-73.2	FOM=	0.93	TEST=	0
INDE	4	5	25	FOBS=	90.1	SIGMA=	0.9	PHAS=	71.5	FOM=	0.98	TEST=	0
INDE	4	5	27	FOBS=	18.2	SIGMA=	5.0	PHAS=	1.8	FOM=	0.06	TEST=	1
INDE	4	5	29	FOBS=	122.1	SIGMA=	0.8	PHAS=	-97.8	FOM=	0.98	TEST=	0
INDE	4	5	31	FOBS=	64.9	SIGMA=	1.8	PHAS=	-7.2	FOM=	0.96	TEST=	0
INDE	4	5	33	FOBS=	76.1	SIGMA=	1.6	PHAS=	78.0	FOM=	0.83	TEST=	0
INDE	4	5	35	FOBS=	314.0	SIGMA=	0.6	PHAS=	-118.4	FOM=	0.96	TEST=	0
INDE	4	5	37	FOBS=	544.2	SIGMA=	0.6	PHAS=	-162.5	FOM=	0.99	TEST=	0
INDE	4	5	39	FOBS=	92.3	SIGMA=	1.6	PHAS=	-23.9	FOM=	0.69	TEST=	0
INDE	4	5	41	FOBS=	365.3	SIGMA=	0.8	PHAS=	-70.6	FOM=	0.99	TEST=	0
INDE	4	5	43	FOBS=	185.8	SIGMA=	1.0	PHAS=	-121.2	FOM=	0.96	TEST=	1
INDE	4	5	45	FOBS=	131.5	SIGMA=	1.6	PHAS=	-124.2	FOM=	0.96	TEST=	0
INDE	4	5	47	FOBS=	172.7	SIGMA=	1.4	PHAS=	-71.7	FOM=	0.44	TEST=	0
INDE	4	5	49	FOBS=	70.4	SIGMA=	3.3	PHAS=	152.2	FOM=	0.95	TEST=	0
INDE	4	5	51	FOBS=	154.7	SIGMA=	1.5	PHAS=	78.5	FOM=	0.77	TEST=	0
INDE	4	5	53	FOBS=	108.1	SIGMA=	1.9	PHAS=	105.1	FOM=	0.82	TEST=	0
INDE	4	5	55	FOBS=	160.9	SIGMA=	1.3	PHAS=	-33.2	FOM=	0.94	TEST=	0
INDE	4	5	57	FOBS=	199.7	SIGMA=	1.5	PHAS=	-49.2	FOM=	0.96	TEST=	0
INDE	4	5	59	FOBS=	162.6	SIGMA=	1.7	PHAS=	-72.8	FOM=	0.53	TEST=	0
INDE	4	5	61	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	5	63	FOBS=	33.6	SIGMA=	6.0	PHAS=	130.8	FOM=	0.49	TEST=	0
INDE	4	5	65	FOBS=	60.6	SIGMA=	4.2	PHAS=	-95.4	FOM=	0.28	TEST=	0
INDE	4	5	67	FOBS=	79.9	SIGMA=	4.4	PHAS=	-174.6	FOM=	0.89	TEST=	0
INDE	4	5	69	FOBS=	88.1	SIGMA=	4.0	PHAS=	-149.5	FOM=	0.93	TEST=	0
INDE	4	5	71	FOBS=	49.6	SIGMA=	6.7	PHAS=	-112.9	FOM=	0.12	TEST=	0
INDE	4	5	73	FOBS=	38.7	SIGMA=	8.7	PHAS=	132.8	FOM=	0.73	TEST=	0
INDE	4	5	75	FOBS=	48.2	SIGMA=	7.2	PHAS=	-111.3	FOM=	0.78	TEST=	0
INDE	4	5	77	FOBS=	79.1	SIGMA=	4.6	PHAS=	10.5	FOM=	0.23	TEST=	0
INDE	4	6	18	FOBS=	51.5	SIGMA=	1.0	PHAS=	44.0	FOM=	0.95	TEST=	1
INDE	4	6	20	FOBS=	133.9	SIGMA=	0.6	PHAS=	-145.3	FOM=	0.94	TEST=	0
INDE	4	6	22	FOBS=	128.1	SIGMA=	0.8	PHAS=	160.8	FOM=	0.95	TEST=	0
INDE	4	6	24	FOBS=	97.3	SIGMA=	0.9	PHAS=	93.4	FOM=	0.95	TEST=	0
INDE	4	6	26	FOBS=	193.4	SIGMA=	0.6	PHAS=	-99.4	FOM=	0.95	TEST=	0
INDE	4	6	28	FOBS=	138.8	SIGMA=	0.7	PHAS=	-160.2	FOM=	0.89	TEST=	0
INDE	4	6	30	FOBS=	87.5	SIGMA=	1.1	PHAS=	-169.3	FOM=	0.96	TEST=	0
INDE	4	6	32	FOBS=	104.4	SIGMA=	1.1	PHAS=	-64.9	FOM=	0.98	TEST=	0
INDE	4	6	34	FOBS=	74.6	SIGMA=	1.5	PHAS=	23.2	FOM=	0.49	TEST=	0
INDE	4	6	36	FOBS=	324.7	SIGMA=	0.9	PHAS=	104.7	FOM=	0.98	TEST=	0
INDE	4	6	38	FOBS=	179.5	SIGMA=	0.8	PHAS=	-136.6	FOM=	0.84	TEST=	0
INDE	4	6	40	FOBS=	79.4	SIGMA=	1.8	PHAS=	-41.0	FOM=	0.98	TEST=	0
INDE	4	6	42	FOBS=	180.0	SIGMA=	1.1	PHAS=	148.3	FOM=	0.91	TEST=	0
INDE	4	6	44	FOBS=	21.2	SIGMA=	7.7	PHAS=	-26.4	FOM=	0.65	TEST=	0
INDE	4	6	46	FOBS=	127.7	SIGMA=	1.5	PHAS=	115.3	FOM=	0.98	TEST=	0
INDE	4	6	48	FOBS=	40.0	SIGMA=	5.6	PHAS=	22.2	FOM=	0.65	TEST=	0
INDE	4	6	50	FOBS=	123.6	SIGMA=	1.7	PHAS=	-26.5	FOM=	0.75	TEST=	0
INDE	4	6	52	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	6	54	FOBS=	168.9	SIGMA=	1.2	PHAS=	-75.3	FOM=	0.88	TEST=	0
INDE	4	6	56	FOBS=	214.9	SIGMA=	1.1	PHAS=	-119.7	FOM=	0.97	TEST=	0
INDE	4	6	58	FOBS=	59.9	SIGMA=	3.1	PHAS=	144.8	FOM=	0.33	TEST=	0

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INDE	4	6	60	FOBS=	147.5	SIGMA=	1.2	PHAS=	-129.2	FOM=	0.97	TEST=	0
INDE	4	6	62	FOBS=	32.8	SIGMA=	5.4	PHAS=	110.8	FOM=	0.31	TEST=	0
INDE	4	6	64	FOBS=	80.2	SIGMA=	2.5	PHAS=	8.2	FOM=	0.69	TEST=	1
INDE	4	6	66	FOBS=	50.0	SIGMA=	9.8	PHAS=	19.4	FOM=	0.14	TEST=	1
INDE	4	6	68	FOBS=	84.3	SIGMA=	4.4	PHAS=	88.4	FOM=	0.83	TEST=	0
INDE	4	6	70	FOBS=	38.4	SIGMA=	9.3	PHAS=	-173.1	FOM=	0.44	TEST=	0
INDE	4	6	72	FOBS=	28.7	SIGMA=	12.0	PHAS=	150.0	FOM=	0.07	TEST=	0
INDE	4	6	74	FOBS=	75.8	SIGMA=	4.7	PHAS=	75.0	FOM=	0.89	TEST=	0
INDE	4	6	76	FOBS=	0.0	SIGMA=	26.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	4	7	17	FOBS=	157.7	SIGMA=	0.5	PHAS=	-60.6	FOM=	0.67	TEST=	0
INDE	4	7	19	FOBS=	206.3	SIGMA=	0.5	PHAS=	-37.6	FOM=	0.91	TEST=	0
INDE	4	7	21	FOBS=	251.2	SIGMA=	0.6	PHAS=	119.6	FOM=	0.94	TEST=	0
INDE	4	7	23	FOBS=	155.1	SIGMA=	0.6	PHAS=	-151.3	FOM=	0.91	TEST=	0
INDE	4	7	25	FOBS=	161.1	SIGMA=	0.6	PHAS=	147.2	FOM=	0.57	TEST=	1
INDE	4	7	27	FOBS=	141.6	SIGMA=	0.7	PHAS=	133.2	FOM=	0.98	TEST=	1
INDE	4	7	29	FOBS=	132.6	SIGMA=	0.8	PHAS=	-104.8	FOM=	0.99	TEST=	0
INDE	4	7	31	FOBS=	61.9	SIGMA=	1.7	PHAS=	139.5	FOM=	0.99	TEST=	0
INDE	4	7	33	FOBS=	87.1	SIGMA=	1.3	PHAS=	-119.1	FOM=	0.98	TEST=	0
INDE	4	7	35	FOBS=	360.5	SIGMA=	0.7	PHAS=	-15.3	FOM=	0.99	TEST=	0
INDE	4	7	37	FOBS=	0.0	SIGMA=	16.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	7	39	FOBS=	328.9	SIGMA=	0.6	PHAS=	-132.7	FOM=	0.98	TEST=	0
INDE	4	7	41	FOBS=	268.3	SIGMA=	0.8	PHAS=	-126.7	FOM=	0.40	TEST=	1
INDE	4	7	43	FOBS=	178.6	SIGMA=	1.0	PHAS=	-161.8	FOM=	0.93	TEST=	0
INDE	4	7	45	FOBS=	238.1	SIGMA=	1.1	PHAS=	-152.9	FOM=	0.97	TEST=	0
INDE	4	7	47	FOBS=	197.3	SIGMA=	1.1	PHAS=	-46.4	FOM=	0.92	TEST=	0
INDE	4	7	49	FOBS=	72.6	SIGMA=	2.8	PHAS=	-90.1	FOM=	0.75	TEST=	0
INDE	4	7	51	FOBS=	98.6	SIGMA=	2.0	PHAS=	26.2	FOM=	0.89	TEST=	0
INDE	4	7	53	FOBS=	25.7	SIGMA=	8.0	PHAS=	-128.7	FOM=	0.61	TEST=	0
INDE	4	7	55	FOBS=	34.3	SIGMA=	6.0	PHAS=	175.9	FOM=	0.86	TEST=	0
INDE	4	7	57	FOBS=	30.6	SIGMA=	6.6	PHAS=	-169.6	FOM=	0.38	TEST=	0
INDE	4	7	59	FOBS=	111.7	SIGMA=	1.7	PHAS=	113.3	FOM=	0.88	TEST=	0
INDE	4	7	61	FOBS=	82.5	SIGMA=	1.9	PHAS=	83.4	FOM=	0.92	TEST=	0
INDE	4	7	63	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	7	65	FOBS=	69.6	SIGMA=	3.7	PHAS=	-146.4	FOM=	0.86	TEST=	0
INDE	4	7	67	FOBS=	118.2	SIGMA=	3.3	PHAS=	-86.3	FOM=	0.93	TEST=	0
INDE	4	7	69	FOBS=	116.7	SIGMA=	3.3	PHAS=	82.4	FOM=	0.90	TEST=	0
INDE	4	7	71	FOBS=	25.1	SIGMA=	14.6	PHAS=	-125.3	FOM=	0.11	TEST=	0
INDE	4	7	73	FOBS=	20.8	SIGMA=	17.1	PHAS=	-1.5	FOM=	0.37	TEST=	0
INDE	4	7	75	FOBS=	76.6	SIGMA=	4.9	PHAS=	-68.5	FOM=	0.86	TEST=	0
INDE	4	7	77	FOBS=	44.0	SIGMA=	8.8	PHAS=	88.8	FOM=	0.77	TEST=	0
INDE	4	8	16	FOBS=	304.8	SIGMA=	0.4	PHAS=	-37.7	FOM=	0.61	TEST=	0
INDE	4	8	18	FOBS=	249.4	SIGMA=	0.4	PHAS=	177.5	FOM=	0.94	TEST=	0
INDE	4	8	20	FOBS=	101.1	SIGMA=	0.5	PHAS=	-170.2	FOM=	0.30	TEST=	0
INDE	4	8	22	FOBS=	197.6	SIGMA=	0.4	PHAS=	64.3	FOM=	0.87	TEST=	0
INDE	4	8	24	FOBS=	153.9	SIGMA=	0.5	PHAS=	68.2	FOM=	0.99	TEST=	0
INDE	4	8	26	FOBS=	43.9	SIGMA=	2.0	PHAS=	114.6	FOM=	0.94	TEST=	0
INDE	4	8	28	FOBS=	107.9	SIGMA=	0.9	PHAS=	159.1	FOM=	0.99	TEST=	0
INDE	4	8	30	FOBS=	51.9	SIGMA=	1.8	PHAS=	145.0	FOM=	0.92	TEST=	0
INDE	4	8	32	FOBS=	117.2	SIGMA=	1.0	PHAS=	-155.3	FOM=	0.99	TEST=	0
INDE	4	8	34	FOBS=	95.7	SIGMA=	1.3	PHAS=	-8.3	FOM=	0.43	TEST=	0
INDE	4	8	36	FOBS=	83.4	SIGMA=	1.6	PHAS=	83.1	FOM=	0.94	TEST=	0
INDE	4	8	38	FOBS=	441.7	SIGMA=	1.1	PHAS=	-95.2	FOM=	0.97	TEST=	0
INDE	4	8	40	FOBS=	343.6	SIGMA=	0.9	PHAS=	123.6	FOM=	0.95	TEST=	0
INDE	4	8	42	FOBS=	233.4	SIGMA=	1.1	PHAS=	126.4	FOM=	0.97	TEST=	0
INDE	4	8	44	FOBS=	246.6	SIGMA=	0.8	PHAS=	112.3	FOM=	0.95	TEST=	0
INDE	4	8	46	FOBS=	195.3	SIGMA=	1.1	PHAS=	-154.7	FOM=	0.94	TEST=	0
INDE	4	8	48	FOBS=	177.9	SIGMA=	1.4	PHAS=	-135.2	FOM=	0.92	TEST=	0
INDE	4	8	50	FOBS=	115.7	SIGMA=	1.8	PHAS=	140.4	FOM=	0.41	TEST=	0
INDE	4	8	52	FOBS=	116.7	SIGMA=	1.7	PHAS=	-106.7	FOM=	0.72	TEST=	0
INDE	4	8	54	FOBS=	56.0	SIGMA=	3.4	PHAS=	132.5	FOM=	0.76	TEST=	0
INDE	4	8	56	FOBS=	146.2	SIGMA=	1.9	PHAS=	-108.9	FOM=	0.86	TEST=	0
INDE	4	8	58	FOBS=	188.9	SIGMA=	1.1	PHAS=	13.8	FOM=	0.97	TEST=	0
INDE	4	8	60	FOBS=	161.8	SIGMA=	1.3	PHAS=	-71.0	FOM=	0.96	TEST=	0
INDE	4	8	62	FOBS=	20.5	SIGMA=	8.9	PHAS=	45.6	FOM=	0.13	TEST=	0
INDE	4	8	64	FOBS=	41.4	SIGMA=	5.5	PHAS=	43.8	FOM=	0.16	TEST=	0
INDE	4	8	66	FOBS=	43.5	SIGMA=	5.5	PHAS=	158.3	FOM=	0.81	TEST=	0
INDE	4	8	68	FOBS=	114.5	SIGMA=	3.4	PHAS=	-44.7	FOM=	0.92	TEST=	0
INDE	4	8	70	FOBS=	52.6	SIGMA=	7.1	PHAS=	-84.4	FOM=	0.76	TEST=	0
INDE	4	8	72	FOBS=	0.0	SIGMA=	27.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	8	74	FOBS=	0.0	SIGMA=	27.0	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	4	8	76	FOBS=	31.0	SIGMA=	12.3	PHAS=	107.5	FOM=	0.67	TEST=	0
INDE	4	9	15	FOBS=	139.1	SIGMA=	0.4	PHAS=	-137.0	FOM=	0.95	TEST=	0
INDE	4	9	17	FOBS=	267.4	SIGMA=	0.4	PHAS=	68.3	FOM=	0.98	TEST=	0
INDE	4	9	19	FOBS=	185.7	SIGMA=	0.4	PHAS=	46.9	FOM=	0.89	TEST=	0
INDE	4	9	21	FOBS=	162.9	SIGMA=	0.4	PHAS=	-77.6	FOM=	0.64	TEST=	0
INDE	4	9	23	FOBS=	155.7	SIGMA=	0.4	PHAS=	-48.4	FOM=	0.98	TEST=	0
INDE	4	9	25	FOBS=	101.3	SIGMA=	0.6	PHAS=	179.1	FOM=	0.96	TEST=	0
INDE	4	9	27	FOBS=	165.1	SIGMA=	0.5	PHAS=	75.1	FOM=	0.98	TEST=	0
INDE	4	9	29	FOBS=	143.5	SIGMA=	0.6	PHAS=	-41.7	FOM=	0.95	TEST=	0
INDE	4	9	31	FOBS=	238.7	SIGMA=	0.7	PHAS=	97.9	FOM=	0.94	TEST=	1
INDE	4	9	33	FOBS=	254.4	SIGMA=	0.6	PHAS=	-52.8	FOM=	0.99	TEST=	1
INDE	4	9	35	FOBS=	345.4	SIGMA=	1.1	PHAS=	-55.0	FOM=	0.97	TEST=	0
INDE	4	9	37	FOBS=	419.4	SIGMA=	0.8	PHAS=	98.7	FOM=	0.94	TEST=	0
INDE	4	9	39	FOBS=	67.0	SIGMA=	2.1	PHAS=	-101.6	FOM=	0.86	TEST=	0
INDE	4	9	41	FOBS=	188.9	SIGMA=	1.3	PHAS=	29.8	FOM=	0.88	TEST=	0
INDE	4	9	43	FOBS=	91.7	SIGMA=	1.9	PHAS=	-74.7	FOM=	0.76	TEST=	0
INDE	4	9	45	FOBS=	100.4	SIGMA=	1.9	PHAS=	164.9	FOM=	0.73	TEST=	0
INDE	4	9	47	FOBS=	263.4	SIGMA=	0.9	PHAS=	100.6	FOM=	0.93	TEST=	0
INDE	4	9	49	FOBS=	99.1	SIGMA=	2.1	PHAS=	161.2	FOM=	0.79	TEST=	0
INDE	4	9	51	FOBS=	99.1	SIGMA=	2.3	PHAS=	74.6	FOM=	0.81	TEST=	0
INDE	4	9	53	FOBS=	94.2	SIGMA=	2.1	PHAS=	4.1	FOM=	0.83	TEST=	0
INDE	4	9	55	FOBS=	45.7	SIGMA=	4.2	PHAS=	-158.7	FOM=	0.84	TEST=	0
INDE	4	9	57	FOBS=	72.3	SIGMA=	2.6	PHAS=	-152.5	FOM=	0.85	TEST=	0
INDE	4	9	59	FOBS=	124.8	SIGMA=	1.6	PHAS=	-136.1	FOM=	0.94	TEST=	0
INDE	4	9	61	FOBS=	95.0	SIGMA=	1.8	PHAS=	3.0	FOM=	0.92	TEST=	0
INDE	4	9	63	FOBS=	77.9	SIGMA=	2.4	PHAS=	-27.8	FOM=	0.87	TEST=	0
INDE	4	9	65	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	9	67	FOBS=	58.5	SIGMA=	4.7	PHAS=	-61.3	FOM=	0.83	TEST=	0
INDE	4	9	69	FOBS=	71.9	SIGMA=	4.0	PHAS=	-145.3	FOM=	0.91	TEST=	0
INDE	4	9	71	FOBS=	52.2	SIGMA=	7.4	PHAS=	44.6	FOM=	0.47	TEST=	0
INDE	4	9	73	FOBS=	59.4	SIGMA=	6.6	PHAS=	-83.4	FOM=	0.73	TEST=	0
INDE	4	9	75	FOBS=	55.1	SIGMA=	7.2	PHAS=	22.0	FOM=	0.89	TEST=	0
INDE	4	9	77	FOBS=	36.5	SIGMA=	10.8	PHAS=	81.6	FOM=	0.30	TEST=	0
INDE	4	10	16	FOBS=	128.7	SIGMA=	0.4	PHAS=	-179.8	FOM=	0.46	TEST=	0
INDE	4	10	18	FOBS=	33.3	SIGMA=	1.4	PHAS=	163.4	FOM=	0.84	TEST=	0
INDE	4	10	20	FOBS=	102.9	SIGMA=	0.5	PHAS=	-45.2	FOM=	0.71	TEST=	0
INDE	4	10	22	FOBS=	139.5	SIGMA=	0.4	PHAS=	-59.5	FOM=	0.76	TEST=	0
INDE	4	10	24	FOBS=	209.0	SIGMA=	0.5	PHAS=	164.1	FOM=	0.94	TEST=	0
INDE	4	10	26	FOBS=	128.9	SIGMA=	0.5	PHAS=	115.0	FOM=	0.91	TEST=	0
INDE	4	10	28	FOBS=	158.6	SIGMA=	0.4	PHAS=	-92.5	FOM=	0.97	TEST=	0
INDE	4	10	30	FOBS=	228.5	SIGMA=	0.7	PHAS=	1.2	FOM=	0.99	TEST=	0
INDE	4	10	32	FOBS=	43.8	SIGMA=	2.0	PHAS=	64.6	FOM=	0.83	TEST=	0
INDE	4	10	34	FOBS=	163.7	SIGMA=	0.9	PHAS=	147.4	FOM=	0.98	TEST=	0
INDE	4	10	36	FOBS=	69.6	SIGMA=	2.0	PHAS=	39.9	FOM=	0.95	TEST=	1
INDE	4	10	38	FOBS=	358.3	SIGMA=	0.8	PHAS=	-128.4	FOM=	0.97	TEST=	1
INDE	4	10	40	FOBS=	74.4	SIGMA=	2.0	PHAS=	-17.7	FOM=	0.70	TEST=	1
INDE	4	10	42	FOBS=	54.6	SIGMA=	3.0	PHAS=	87.5	FOM=	0.80	TEST=	0
INDE	4	10	44	FOBS=	259.4	SIGMA=	1.0	PHAS=	140.4	FOM=	0.95	TEST=	0
INDE	4	10	46	FOBS=	189.2	SIGMA=	1.1	PHAS=	-70.4	FOM=	0.97	TEST=	0
INDE	4	10	48	FOBS=	74.8	SIGMA=	2.7	PHAS=	113.8	FOM=	0.67	TEST=	0
INDE	4	10	50	FOBS=	146.4	SIGMA=	1.4	PHAS=	102.1	FOM=	0.80	TEST=	0
INDE	4	10	52	FOBS=	178.4	SIGMA=	1.2	PHAS=	-53.8	FOM=	0.93	TEST=	0
INDE	4	10	54	FOBS=	124.1	SIGMA=	1.6	PHAS=	161.5	FOM=	0.89	TEST=	0
INDE	4	10	56	FOBS=	135.5	SIGMA=	1.5	PHAS=	109.2	FOM=	0.82	TEST=	1
INDE	4	10	58	FOBS=	109.3	SIGMA=	1.8	PHAS=	29.5	FOM=	0.91	TEST=	0
INDE	4	10	60	FOBS=	149.9	SIGMA=	1.3	PHAS=	-117.9	FOM=	0.96	TEST=	0
INDE	4	10	62	FOBS=	45.8	SIGMA=	3.4	PHAS=	-122.6	FOM=	0.65	TEST=	1
INDE	4	10	64	FOBS=	50.8	SIGMA=	4.3	PHAS=	5.1	FOM=	0.75	TEST=	0
INDE	4	10	66	FOBS=	25.8	SIGMA=	10.8	PHAS=	-5.3	FOM=	0.36	TEST=	0
INDE	4	10	68	FOBS=	107.5	SIGMA=	2.7	PHAS=	-157.3	FOM=	0.50	TEST=	1
INDE	4	10	70	FOBS=	55.7	SIGMA=	5.1	PHAS=	-164.6	FOM=	0.36	TEST=	1
INDE	4	10	72	FOBS=	18.3	SIGMA=	21.4	PHAS=	-35.7	FOM=	0.31	TEST=	0
INDE	4	10	74	FOBS=	0.0	SIGMA=	28.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	10	76	FOBS=	64.3	SIGMA=	6.4	PHAS=	31.1	FOM=	0.91	TEST=	0
INDE	4	11	15	FOBS=	157.3	SIGMA=	0.4	PHAS=	-1.2	FOM=	0.83	TEST=	0
INDE	4	11	17	FOBS=	322.3	SIGMA=	0.4	PHAS=	55.8	FOM=	0.95	TEST=	0
INDE	4	11	19	FOBS=	227.9	SIGMA=	0.5	PHAS=	-176.4	FOM=	0.95	TEST=	0
INDE	4	11	21	FOBS=	144.4	SIGMA=	0.4	PHAS=	-126.1	FOM=	0.94	TEST=	0
INDE	4	11	23	FOBS=	119.5	SIGMA=	0.5	PHAS=	42.8	FOM=	0.91	TEST=	0
INDE	4	11	25	FOBS=	163.8	SIGMA=	0.4	PHAS=	15.1	FOM=	0.99	TEST=	0

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INDE	4	11	27	FOBS=	169.1	SIGMA=	0.6	PHAS=	-5.7	FOM=	0.91	TEST=	0
INDE	4	11	29	FOBS=	201.6	SIGMA=	0.5	PHAS=	-87.2	FOM=	0.97	TEST=	0
INDE	4	11	31	FOBS=	67.8	SIGMA=	1.0	PHAS=	13.8	FOM=	0.92	TEST=	0
INDE	4	11	33	FOBS=	174.9	SIGMA=	0.7	PHAS=	-37.3	FOM=	0.88	TEST=	0
INDE	4	11	35	FOBS=	260.2	SIGMA=	0.8	PHAS=	-49.5	FOM=	0.96	TEST=	0
INDE	4	11	37	FOBS=	163.9	SIGMA=	1.0	PHAS=	60.4	FOM=	0.20	TEST=	1
INDE	4	11	39	FOBS=	302.1	SIGMA=	1.0	PHAS=	174.3	FOM=	0.95	TEST=	0
INDE	4	11	41	FOBS=	276.1	SIGMA=	1.0	PHAS=	150.0	FOM=	0.90	TEST=	0
INDE	4	11	43	FOBS=	135.1	SIGMA=	1.4	PHAS=	-55.7	FOM=	0.75	TEST=	0
INDE	4	11	45	FOBS=	48.7	SIGMA=	3.9	PHAS=	-141.0	FOM=	0.80	TEST=	0
INDE	4	11	47	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	11	49	FOBS=	67.1	SIGMA=	3.1	PHAS=	132.6	FOM=	0.95	TEST=	0
INDE	4	11	51	FOBS=	82.1	SIGMA=	2.4	PHAS=	146.0	FOM=	0.74	TEST=	0
INDE	4	11	53	FOBS=	57.6	SIGMA=	3.4	PHAS=	136.1	FOM=	0.14	TEST=	0
INDE	4	11	55	FOBS=	131.0	SIGMA=	1.6	PHAS=	54.1	FOM=	0.72	TEST=	0
INDE	4	11	57	FOBS=	62.2	SIGMA=	3.1	PHAS=	37.3	FOM=	0.61	TEST=	0
INDE	4	11	59	FOBS=	125.7	SIGMA=	1.7	PHAS=	-123.0	FOM=	0.91	TEST=	0
INDE	4	11	61	FOBS=	90.4	SIGMA=	2.1	PHAS=	64.4	FOM=	0.81	TEST=	0
INDE	4	11	63	FOBS=	81.4	SIGMA=	2.3	PHAS=	5.6	FOM=	0.91	TEST=	0
INDE	4	11	65	FOBS=	98.5	SIGMA=	2.3	PHAS=	-83.7	FOM=	0.22	TEST=	1
INDE	4	11	67	FOBS=	67.7	SIGMA=	4.2	PHAS=	-10.0	FOM=	0.58	TEST=	0
INDE	4	11	69	FOBS=	97.1	SIGMA=	3.0	PHAS=	-64.5	FOM=	0.58	TEST=	0
INDE	4	11	71	FOBS=	19.2	SIGMA=	15.0	PHAS=	144.4	FOM=	0.15	TEST=	0
INDE	4	11	73	FOBS=	44.2	SIGMA=	6.6	PHAS=	128.2	FOM=	0.58	TEST=	0
INDE	4	11	75	FOBS=	0.0	SIGMA=	28.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	4	12	14	FOBS=	186.6	SIGMA=	0.4	PHAS=	5.1	FOM=	0.96	TEST=	0
INDE	4	12	16	FOBS=	312.5	SIGMA=	0.4	PHAS=	-121.9	FOM=	0.93	TEST=	0
INDE	4	12	18	FOBS=	135.6	SIGMA=	0.4	PHAS=	-94.7	FOM=	0.90	TEST=	0
INDE	4	12	20	FOBS=	134.9	SIGMA=	0.4	PHAS=	73.4	FOM=	0.89	TEST=	0
INDE	4	12	22	FOBS=	55.3	SIGMA=	1.0	PHAS=	-118.8	FOM=	0.74	TEST=	0
INDE	4	12	24	FOBS=	130.7	SIGMA=	0.5	PHAS=	-129.5	FOM=	0.97	TEST=	0
INDE	4	12	26	FOBS=	245.2	SIGMA=	0.5	PHAS=	-66.1	FOM=	0.99	TEST=	0
INDE	4	12	28	FOBS=	153.5	SIGMA=	0.6	PHAS=	-120.2	FOM=	0.98	TEST=	0
INDE	4	12	30	FOBS=	52.3	SIGMA=	1.4	PHAS=	-103.0	FOM=	0.93	TEST=	0
INDE	4	12	32	FOBS=	61.3	SIGMA=	1.5	PHAS=	-154.8	FOM=	0.98	TEST=	0
INDE	4	12	34	FOBS=	204.3	SIGMA=	1.1	PHAS=	172.1	FOM=	0.93	TEST=	0
INDE	4	12	36	FOBS=	333.7	SIGMA=	0.9	PHAS=	153.0	FOM=	0.95	TEST=	0
INDE	4	12	38	FOBS=	14.5	SIGMA=	10.5	PHAS=	-161.6	FOM=	0.03	TEST=	0
INDE	4	12	40	FOBS=	91.8	SIGMA=	1.7	PHAS=	75.9	FOM=	0.93	TEST=	0
INDE	4	12	42	FOBS=	217.9	SIGMA=	1.0	PHAS=	86.9	FOM=	0.98	TEST=	0
INDE	4	12	44	FOBS=	111.4	SIGMA=	1.7	PHAS=	-45.6	FOM=	0.89	TEST=	0
INDE	4	12	46	FOBS=	78.3	SIGMA=	2.7	PHAS=	-115.4	FOM=	0.83	TEST=	1
INDE	4	12	48	FOBS=	125.9	SIGMA=	1.7	PHAS=	173.2	FOM=	0.77	TEST=	0
INDE	4	12	50	FOBS=	91.2	SIGMA=	2.3	PHAS=	30.3	FOM=	0.95	TEST=	0
INDE	4	12	52	FOBS=	78.2	SIGMA=	2.6	PHAS=	-37.1	FOM=	0.81	TEST=	1
INDE	4	12	54	FOBS=	12.1	SIGMA=	21.0	PHAS=	-94.2	FOM=	0.02	TEST=	0
INDE	4	12	56	FOBS=	12.6	SIGMA=	15.3	PHAS=	-170.0	FOM=	0.10	TEST=	0
INDE	4	12	58	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	4	12	60	FOBS=	114.1	SIGMA=	1.7	PHAS=	-96.9	FOM=	0.95	TEST=	0
INDE	4	12	62	FOBS=	117.5	SIGMA=	1.7	PHAS=	-64.1	FOM=	0.90	TEST=	0
INDE	4	12	64	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	12	66	FOBS=	6.3	SIGMA=	46.3	PHAS=	-52.8	FOM=	0.08	TEST=	0
INDE	4	12	68	FOBS=	87.1	SIGMA=	3.3	PHAS=	48.9	FOM=	0.30	TEST=	0
INDE	4	12	70	FOBS=	27.0	SIGMA=	10.7	PHAS=	92.3	FOM=	0.25	TEST=	0
INDE	4	12	72	FOBS=	16.1	SIGMA=	18.5	PHAS=	-97.0	FOM=	0.13	TEST=	0
INDE	4	12	74	FOBS=	23.9	SIGMA=	12.5	PHAS=	42.0	FOM=	0.08	TEST=	0
INDE	4	12	76	FOBS=	0.0	SIGMA=	24.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	13	13	FOBS=	146.9	SIGMA=	0.5	PHAS=	33.3	FOM=	0.81	TEST=	0
INDE	4	13	15	FOBS=	198.9	SIGMA=	0.4	PHAS=	47.1	FOM=	0.06	TEST=	1
INDE	4	13	17	FOBS=	323.0	SIGMA=	0.5	PHAS=	88.7	FOM=	0.97	TEST=	0
INDE	4	13	19	FOBS=	274.7	SIGMA=	0.4	PHAS=	140.0	FOM=	0.97	TEST=	0
INDE	4	13	21	FOBS=	127.0	SIGMA=	0.5	PHAS=	168.9	FOM=	0.90	TEST=	0
INDE	4	13	23	FOBS=	117.6	SIGMA=	0.6	PHAS=	85.2	FOM=	0.98	TEST=	0
INDE	4	13	25	FOBS=	176.5	SIGMA=	0.4	PHAS=	-134.3	FOM=	0.98	TEST=	0
INDE	4	13	27	FOBS=	53.8	SIGMA=	1.3	PHAS=	-157.3	FOM=	0.99	TEST=	0
INDE	4	13	29	FOBS=	100.6	SIGMA=	0.9	PHAS=	37.0	FOM=	0.98	TEST=	0
INDE	4	13	31	FOBS=	59.0	SIGMA=	1.6	PHAS=	11.2	FOM=	0.96	TEST=	0
INDE	4	13	33	FOBS=	146.0	SIGMA=	0.8	PHAS=	-5.6	FOM=	0.96	TEST=	0
INDE	4	13	35	FOBS=	219.9	SIGMA=	0.9	PHAS=	100.3	FOM=	0.77	TEST=	0
INDE	4	13	37	FOBS=	283.7	SIGMA=	0.7	PHAS=	-0.8	FOM=	0.95	TEST=	0

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INDE	4	13	39	FOBS=	45.9	SIGMA=	3.3	PHAS=	-29.7	FOM=	0.09	TEST=	0
INDE	4	13	41	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	13	43	FOBS=	163.1	SIGMA=	1.2	PHAS=	-84.6	FOM=	0.64	TEST=	0
INDE	4	13	45	FOBS=	110.4	SIGMA=	1.9	PHAS=	-142.5	FOM=	0.96	TEST=	0
INDE	4	13	47	FOBS=	237.4	SIGMA=	1.0	PHAS=	118.7	FOM=	0.95	TEST=	0
INDE	4	13	49	FOBS=	91.8	SIGMA=	2.3	PHAS=	131.8	FOM=	0.90	TEST=	0
INDE	4	13	51	FOBS=	130.5	SIGMA=	1.6	PHAS=	-24.0	FOM=	0.99	TEST=	0
INDE	4	13	53	FOBS=	59.3	SIGMA=	3.3	PHAS=	-90.5	FOM=	0.21	TEST=	0
INDE	4	13	55	FOBS=	86.3	SIGMA=	2.3	PHAS=	50.5	FOM=	0.43	TEST=	0
INDE	4	13	57	FOBS=	9.5	SIGMA=	20.1	PHAS=	27.6	FOM=	0.08	TEST=	0
INDE	4	13	59	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	13	61	FOBS=	165.2	SIGMA=	1.3	PHAS=	164.5	FOM=	0.96	TEST=	0
INDE	4	13	63	FOBS=	16.7	SIGMA=	12.6	PHAS=	-157.8	FOM=	0.06	TEST=	0
INDE	4	13	65	FOBS=	67.2	SIGMA=	3.8	PHAS=	-109.2	FOM=	0.89	TEST=	0
INDE	4	13	67	FOBS=	20.5	SIGMA=	14.1	PHAS=	-106.1	FOM=	0.41	TEST=	0
INDE	4	13	69	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	13	71	FOBS=	35.5	SIGMA=	8.2	PHAS=	41.7	FOM=	0.46	TEST=	0
INDE	4	13	73	FOBS=	69.7	SIGMA=	4.4	PHAS=	115.5	FOM=	0.88	TEST=	0
INDE	4	13	75	FOBS=	85.5	SIGMA=	3.7	PHAS=	64.6	FOM=	0.95	TEST=	0
INDE	4	14	12	FOBS=	178.0	SIGMA=	0.5	PHAS=	-37.8	FOM=	0.86	TEST=	0
INDE	4	14	14	FOBS=	261.2	SIGMA=	0.5	PHAS=	9.4	FOM=	0.90	TEST=	0
INDE	4	14	16	FOBS=	162.4	SIGMA=	0.4	PHAS=	-77.4	FOM=	0.79	TEST=	0
INDE	4	14	18	FOBS=	130.5	SIGMA=	0.5	PHAS=	80.9	FOM=	0.91	TEST=	0
INDE	4	14	20	FOBS=	212.8	SIGMA=	0.4	PHAS=	45.9	FOM=	0.91	TEST=	0
INDE	4	14	22	FOBS=	104.0	SIGMA=	0.6	PHAS=	80.9	FOM=	0.91	TEST=	0
INDE	4	14	24	FOBS=	112.6	SIGMA=	0.6	PHAS=	147.3	FOM=	0.98	TEST=	0
INDE	4	14	26	FOBS=	33.7	SIGMA=	2.3	PHAS=	132.2	FOM=	0.54	TEST=	1
INDE	4	14	28	FOBS=	251.1	SIGMA=	0.6	PHAS=	-61.5	FOM=	0.97	TEST=	0
INDE	4	14	30	FOBS=	114.2	SIGMA=	0.8	PHAS=	-54.1	FOM=	0.99	TEST=	0
INDE	4	14	32	FOBS=	56.2	SIGMA=	1.7	PHAS=	-60.4	FOM=	0.21	TEST=	0
INDE	4	14	34	FOBS=	126.9	SIGMA=	1.0	PHAS=	-40.0	FOM=	0.99	TEST=	0
INDE	4	14	36	FOBS=	0.0	SIGMA=	17.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	14	38	FOBS=	142.4	SIGMA=	1.1	PHAS=	-88.8	FOM=	0.53	TEST=	0
INDE	4	14	40	FOBS=	117.1	SIGMA=	1.5	PHAS=	-145.7	FOM=	0.83	TEST=	0
INDE	4	14	42	FOBS=	143.9	SIGMA=	1.3	PHAS=	104.6	FOM=	0.93	TEST=	0
INDE	4	14	44	FOBS=	18.0	SIGMA=	12.7	PHAS=	-104.1	FOM=	0.02	TEST=	1
INDE	4	14	46	FOBS=	146.8	SIGMA=	1.5	PHAS=	111.9	FOM=	0.92	TEST=	1
INDE	4	14	48	FOBS=	220.1	SIGMA=	1.1	PHAS=	35.5	FOM=	0.96	TEST=	0
INDE	4	14	50	FOBS=	140.9	SIGMA=	1.5	PHAS=	-70.9	FOM=	0.87	TEST=	0
INDE	4	14	52	FOBS=	165.0	SIGMA=	1.3	PHAS=	-67.9	FOM=	0.88	TEST=	0
INDE	4	14	54	FOBS=	125.2	SIGMA=	1.6	PHAS=	-72.0	FOM=	0.83	TEST=	0
INDE	4	14	56	FOBS=	42.2	SIGMA=	4.9	PHAS=	-116.7	FOM=	0.37	TEST=	0
INDE	4	14	58	FOBS=	75.4	SIGMA=	2.6	PHAS=	-19.0	FOM=	0.90	TEST=	0
INDE	4	14	60	FOBS=	62.3	SIGMA=	3.1	PHAS=	-51.1	FOM=	0.85	TEST=	0
INDE	4	14	62	FOBS=	75.6	SIGMA=	2.6	PHAS=	66.4	FOM=	0.93	TEST=	0
INDE	4	14	64	FOBS=	105.1	SIGMA=	2.6	PHAS=	122.9	FOM=	0.89	TEST=	0
INDE	4	14	66	FOBS=	103.6	SIGMA=	3.0	PHAS=	125.8	FOM=	0.92	TEST=	0
INDE	4	14	68	FOBS=	30.8	SIGMA=	9.7	PHAS=	-24.3	FOM=	0.27	TEST=	0
INDE	4	14	70	FOBS=	64.6	SIGMA=	4.6	PHAS=	-40.8	FOM=	0.73	TEST=	0
INDE	4	14	72	FOBS=	92.5	SIGMA=	3.3	PHAS=	-33.9	FOM=	0.94	TEST=	0
INDE	4	14	74	FOBS=	66.2	SIGMA=	4.7	PHAS=	4.8	FOM=	0.87	TEST=	0
INDE	4	14	76	FOBS=	91.9	SIGMA=	3.5	PHAS=	-11.5	FOM=	0.92	TEST=	0
INDE	4	15	9	FOBS=	251.7	SIGMA=	0.6	PHAS=	-65.0	FOM=	0.84	TEST=	0
INDE	4	15	11	FOBS=	365.5	SIGMA=	0.6	PHAS=	-42.1	FOM=	0.91	TEST=	0
INDE	4	15	13	FOBS=	193.3	SIGMA=	0.5	PHAS=	-113.4	FOM=	0.88	TEST=	0
INDE	4	15	15	FOBS=	216.9	SIGMA=	0.7	PHAS=	156.4	FOM=	0.60	TEST=	0
INDE	4	15	17	FOBS=	168.8	SIGMA=	0.6	PHAS=	114.8	FOM=	0.84	TEST=	0
INDE	4	15	19	FOBS=	81.4	SIGMA=	0.8	PHAS=	157.5	FOM=	0.88	TEST=	1
INDE	4	15	21	FOBS=	154.4	SIGMA=	0.5	PHAS=	50.4	FOM=	0.93	TEST=	0
INDE	4	15	23	FOBS=	319.8	SIGMA=	0.5	PHAS=	9.1	FOM=	0.97	TEST=	0
INDE	4	15	25	FOBS=	31.9	SIGMA=	2.0	PHAS=	-82.3	FOM=	0.95	TEST=	0
INDE	4	15	27	FOBS=	192.1	SIGMA=	0.5	PHAS=	-61.3	FOM=	0.57	TEST=	1
INDE	4	15	29	FOBS=	95.8	SIGMA=	0.9	PHAS=	-64.7	FOM=	0.91	TEST=	0
INDE	4	15	31	FOBS=	65.1	SIGMA=	1.5	PHAS=	-95.7	FOM=	0.60	TEST=	0
INDE	4	15	33	FOBS=	217.7	SIGMA=	0.6	PHAS=	126.7	FOM=	0.97	TEST=	0
INDE	4	15	35	FOBS=	174.9	SIGMA=	0.8	PHAS=	-67.1	FOM=	0.92	TEST=	0
INDE	4	15	37	FOBS=	171.8	SIGMA=	0.9	PHAS=	-135.5	FOM=	0.98	TEST=	0
INDE	4	15	39	FOBS=	192.4	SIGMA=	0.9	PHAS=	59.9	FOM=	0.91	TEST=	0
INDE	4	15	41	FOBS=	66.2	SIGMA=	1.8	PHAS=	-61.6	FOM=	0.79	TEST=	0
INDE	4	15	43	FOBS=	82.1	SIGMA=	2.4	PHAS=	142.3	FOM=	0.90	TEST=	0

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INDE	4	15	45	FOBS=	275.5	SIGMA=	0.9	PHAS=	80.1	FOM=	0.95	TEST=	0
INDE	4	15	47	FOBS=	194.1	SIGMA=	1.2	PHAS=	-114.8	FOM=	0.93	TEST=	0
INDE	4	15	49	FOBS=	113.1	SIGMA=	1.9	PHAS=	-33.8	FOM=	0.72	TEST=	0
INDE	4	15	51	FOBS=	27.7	SIGMA=	7.4	PHAS=	-119.9	FOM=	0.10	TEST=	0
INDE	4	15	53	FOBS=	176.7	SIGMA=	1.2	PHAS=	-121.6	FOM=	0.93	TEST=	0
INDE	4	15	55	FOBS=	60.8	SIGMA=	3.3	PHAS=	-148.1	FOM=	0.18	TEST=	1
INDE	4	15	57	FOBS=	124.8	SIGMA=	1.6	PHAS=	-131.5	FOM=	0.95	TEST=	0
INDE	4	15	59	FOBS=	92.9	SIGMA=	2.1	PHAS=	-136.2	FOM=	0.79	TEST=	0
INDE	4	15	61	FOBS=	114.2	SIGMA=	1.7	PHAS=	177.6	FOM=	0.82	TEST=	0
INDE	4	15	63	FOBS=	112.4	SIGMA=	2.1	PHAS=	-16.5	FOM=	0.92	TEST=	0
INDE	4	15	65	FOBS=	85.3	SIGMA=	3.6	PHAS=	21.8	FOM=	0.88	TEST=	0
INDE	4	15	67	FOBS=	55.2	SIGMA=	5.5	PHAS=	74.6	FOM=	0.75	TEST=	0
INDE	4	15	69	FOBS=	56.8	SIGMA=	5.3	PHAS=	-154.6	FOM=	0.79	TEST=	0
INDE	4	15	71	FOBS=	94.2	SIGMA=	3.3	PHAS=	-117.3	FOM=	0.94	TEST=	0
INDE	4	15	73	FOBS=	35.1	SIGMA=	8.6	PHAS=	-169.2	FOM=	0.70	TEST=	0
INDE	4	15	75	FOBS=	0.0	SIGMA=	25.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	16	8	FOBS=	335.9	SIGMA=	0.7	PHAS=	136.2	FOM=	0.82	TEST=	0
INDE	4	16	10	FOBS=	354.4	SIGMA=	0.5	PHAS=	-163.1	FOM=	0.23	TEST=	1
INDE	4	16	12	FOBS=	157.3	SIGMA=	0.7	PHAS=	-96.7	FOM=	0.89	TEST=	0
INDE	4	16	14	FOBS=	232.9	SIGMA=	0.6	PHAS=	67.3	FOM=	0.94	TEST=	0
INDE	4	16	16	FOBS=	201.6	SIGMA=	0.5	PHAS=	30.1	FOM=	0.86	TEST=	0
INDE	4	16	18	FOBS=	188.8	SIGMA=	0.5	PHAS=	89.2	FOM=	0.88	TEST=	0
INDE	4	16	20	FOBS=	173.8	SIGMA=	0.5	PHAS=	-98.0	FOM=	0.84	TEST=	0
INDE	4	16	22	FOBS=	262.9	SIGMA=	0.5	PHAS=	-47.0	FOM=	0.95	TEST=	1
INDE	4	16	24	FOBS=	209.0	SIGMA=	0.6	PHAS=	-131.8	FOM=	0.97	TEST=	0
INDE	4	16	26	FOBS=	134.0	SIGMA=	0.6	PHAS=	-159.5	FOM=	0.93	TEST=	0
INDE	4	16	28	FOBS=	233.6	SIGMA=	0.5	PHAS=	-84.1	FOM=	0.97	TEST=	0
INDE	4	16	30	FOBS=	162.6	SIGMA=	0.7	PHAS=	-113.0	FOM=	0.98	TEST=	0
INDE	4	16	32	FOBS=	342.0	SIGMA=	0.6	PHAS=	60.5	FOM=	0.96	TEST=	0
INDE	4	16	34	FOBS=	211.7	SIGMA=	0.7	PHAS=	45.5	FOM=	0.99	TEST=	0
INDE	4	16	36	FOBS=	98.9	SIGMA=	1.3	PHAS=	63.0	FOM=	0.99	TEST=	1
INDE	4	16	38	FOBS=	232.5	SIGMA=	0.7	PHAS=	113.5	FOM=	0.96	TEST=	1
INDE	4	16	40	FOBS=	101.6	SIGMA=	1.0	PHAS=	-155.6	FOM=	0.74	TEST=	0
INDE	4	16	42	FOBS=	184.5	SIGMA=	0.8	PHAS=	118.7	FOM=	0.74	TEST=	0
INDE	4	16	44	FOBS=	183.0	SIGMA=	1.2	PHAS=	-7.8	FOM=	0.92	TEST=	0
INDE	4	16	46	FOBS=	112.8	SIGMA=	2.0	PHAS=	67.4	FOM=	0.57	TEST=	0
INDE	4	16	48	FOBS=	210.0	SIGMA=	1.1	PHAS=	66.8	FOM=	0.93	TEST=	0
INDE	4	16	50	FOBS=	166.3	SIGMA=	1.3	PHAS=	7.1	FOM=	0.94	TEST=	0
INDE	4	16	52	FOBS=	60.8	SIGMA=	3.4	PHAS=	-80.3	FOM=	0.65	TEST=	0
INDE	4	16	54	FOBS=	133.8	SIGMA=	1.6	PHAS=	96.1	FOM=	0.28	TEST=	0
INDE	4	16	56	FOBS=	155.6	SIGMA=	1.4	PHAS=	107.9	FOM=	0.95	TEST=	0
INDE	4	16	58	FOBS=	131.6	SIGMA=	1.6	PHAS=	110.8	FOM=	0.95	TEST=	0
INDE	4	16	60	FOBS=	23.9	SIGMA=	8.1	PHAS=	102.4	FOM=	0.11	TEST=	0
INDE	4	16	62	FOBS=	21.4	SIGMA=	9.0	PHAS=	45.9	FOM=	0.15	TEST=	0
INDE	4	16	64	FOBS=	59.3	SIGMA=	4.7	PHAS=	-39.5	FOM=	0.65	TEST=	0
INDE	4	16	66	FOBS=	0.0	SIGMA=	24.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	16	68	FOBS=	112.6	SIGMA=	2.9	PHAS=	35.7	FOM=	0.92	TEST=	0
INDE	4	16	70	FOBS=	58.1	SIGMA=	5.4	PHAS=	139.7	FOM=	0.80	TEST=	0
INDE	4	16	72	FOBS=	37.3	SIGMA=	8.3	PHAS=	-179.4	FOM=	0.52	TEST=	0
INDE	4	16	74	FOBS=	25.3	SIGMA=	12.4	PHAS=	4.0	FOM=	0.55	TEST=	0
INDE	4	16	76	FOBS=	30.3	SIGMA=	9.7	PHAS=	-15.9	FOM=	0.32	TEST=	0
INDE	4	17	5	FOBS=	189.2	SIGMA=	0.4	PHAS=	13.0	FOM=	0.56	TEST=	1
INDE	4	17	7	FOBS=	530.6	SIGMA=	0.6	PHAS=	-76.8	FOM=	0.97	TEST=	0
INDE	4	17	9	FOBS=	38.9	SIGMA=	1.9	PHAS=	-104.9	FOM=	0.83	TEST=	1
INDE	4	17	11	FOBS=	97.6	SIGMA=	1.0	PHAS=	-134.3	FOM=	0.85	TEST=	0
INDE	4	17	13	FOBS=	213.3	SIGMA=	0.6	PHAS=	-101.7	FOM=	0.79	TEST=	1
INDE	4	17	15	FOBS=	65.1	SIGMA=	1.5	PHAS=	84.8	FOM=	0.17	TEST=	0
INDE	4	17	17	FOBS=	185.0	SIGMA=	0.5	PHAS=	3.2	FOM=	0.84	TEST=	0
INDE	4	17	19	FOBS=	192.0	SIGMA=	0.6	PHAS=	141.3	FOM=	0.98	TEST=	1
INDE	4	17	21	FOBS=	124.5	SIGMA=	0.6	PHAS=	164.7	FOM=	0.98	TEST=	0
INDE	4	17	23	FOBS=	56.0	SIGMA=	1.2	PHAS=	179.5	FOM=	0.92	TEST=	0
INDE	4	17	25	FOBS=	176.9	SIGMA=	0.6	PHAS=	64.4	FOM=	0.92	TEST=	0
INDE	4	17	27	FOBS=	77.4	SIGMA=	1.0	PHAS=	110.0	FOM=	0.60	TEST=	0
INDE	4	17	29	FOBS=	109.2	SIGMA=	0.7	PHAS=	152.4	FOM=	0.88	TEST=	0
INDE	4	17	31	FOBS=	100.8	SIGMA=	1.0	PHAS=	-67.5	FOM=	0.94	TEST=	0
INDE	4	17	33	FOBS=	129.5	SIGMA=	0.9	PHAS=	-89.2	FOM=	0.95	TEST=	0
INDE	4	17	35	FOBS=	480.5	SIGMA=	0.7	PHAS=	-69.9	FOM=	0.98	TEST=	0
INDE	4	17	37	FOBS=	128.5	SIGMA=	1.1	PHAS=	170.9	FOM=	0.90	TEST=	0
INDE	4	17	39	FOBS=	164.4	SIGMA=	0.9	PHAS=	87.0	FOM=	0.97	TEST=	0
INDE	4	17	41	FOBS=	61.6	SIGMA=	1.7	PHAS=	14.5	FOM=	0.96	TEST=	0

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INDE	4	17	43	FOBS=	124.4	SIGMA=	1.2	PHAS=	-58.1	FOM=	0.93	TEST=	0
INDE	4	17	45	FOBS=	211.6	SIGMA=	1.1	PHAS=	52.0	FOM=	0.97	TEST=	0
INDE	4	17	47	FOBS=	218.3	SIGMA=	1.5	PHAS=	-91.8	FOM=	0.94	TEST=	0
INDE	4	17	49	FOBS=	286.1	SIGMA=	1.2	PHAS=	-30.5	FOM=	0.97	TEST=	0
INDE	4	17	51	FOBS=	60.8	SIGMA=	3.6	PHAS=	-145.8	FOM=	0.25	TEST=	0
INDE	4	17	53	FOBS=	118.7	SIGMA=	1.8	PHAS=	-76.5	FOM=	0.88	TEST=	0
INDE	4	17	55	FOBS=	157.6	SIGMA=	1.4	PHAS=	0.7	FOM=	0.94	TEST=	0
INDE	4	17	57	FOBS=	107.9	SIGMA=	1.9	PHAS=	59.8	FOM=	0.87	TEST=	0
INDE	4	17	59	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	17	61	FOBS=	18.4	SIGMA=	10.5	PHAS=	112.2	FOM=	0.09	TEST=	0
INDE	4	17	63	FOBS=	67.2	SIGMA=	3.5	PHAS=	31.6	FOM=	0.80	TEST=	0
INDE	4	17	65	FOBS=	62.5	SIGMA=	7.0	PHAS=	-131.1	FOM=	0.55	TEST=	0
INDE	4	17	67	FOBS=	69.5	SIGMA=	4.6	PHAS=	144.5	FOM=	0.78	TEST=	0
INDE	4	17	69	FOBS=	31.2	SIGMA=	10.0	PHAS=	-67.2	FOM=	0.17	TEST=	1
INDE	4	17	71	FOBS=	43.4	SIGMA=	7.2	PHAS=	-92.6	FOM=	0.08	TEST=	1
INDE	4	17	73	FOBS=	0.0	SIGMA=	25.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	17	75	FOBS=	38.8	SIGMA=	8.3	PHAS=	-63.0	FOM=	0.59	TEST=	0
INDE	4	18	4	FOBS=	48.1	SIGMA=	1.0	PHAS=	17.1	FOM=	0.98	TEST=	0
INDE	4	18	6	FOBS=	376.0	SIGMA=	0.5	PHAS=	-59.6	FOM=	0.74	TEST=	1
INDE	4	18	8	FOBS=	380.3	SIGMA=	0.6	PHAS=	-124.2	FOM=	0.97	TEST=	0
INDE	4	18	10	FOBS=	224.3	SIGMA=	0.7	PHAS=	178.4	FOM=	0.76	TEST=	0
INDE	4	18	12	FOBS=	75.6	SIGMA=	1.4	PHAS=	117.7	FOM=	0.64	TEST=	0
INDE	4	18	14	FOBS=	285.8	SIGMA=	0.7	PHAS=	119.1	FOM=	0.95	TEST=	0
INDE	4	18	16	FOBS=	117.6	SIGMA=	1.0	PHAS=	-150.0	FOM=	0.87	TEST=	0
INDE	4	18	18	FOBS=	131.9	SIGMA=	0.7	PHAS=	-96.8	FOM=	0.94	TEST=	0
INDE	4	18	20	FOBS=	60.4	SIGMA=	1.3	PHAS=	-59.6	FOM=	0.39	TEST=	0
INDE	4	18	22	FOBS=	73.8	SIGMA=	1.0	PHAS=	-0.2	FOM=	0.65	TEST=	0
INDE	4	18	24	FOBS=	71.1	SIGMA=	1.1	PHAS=	-105.3	FOM=	0.73	TEST=	1
INDE	4	18	26	FOBS=	161.8	SIGMA=	0.5	PHAS=	-70.9	FOM=	0.43	TEST=	0
INDE	4	18	28	FOBS=	89.1	SIGMA=	0.9	PHAS=	-121.3	FOM=	0.87	TEST=	0
INDE	4	18	30	FOBS=	47.0	SIGMA=	1.7	PHAS=	-114.4	FOM=	0.92	TEST=	0
INDE	4	18	32	FOBS=	233.3	SIGMA=	0.6	PHAS=	99.7	FOM=	0.48	TEST=	1
INDE	4	18	34	FOBS=	112.1	SIGMA=	1.2	PHAS=	-116.3	FOM=	0.95	TEST=	1
INDE	4	18	36	FOBS=	63.6	SIGMA=	2.2	PHAS=	-150.7	FOM=	0.97	TEST=	0
INDE	4	18	38	FOBS=	324.4	SIGMA=	0.6	PHAS=	87.0	FOM=	0.94	TEST=	0
INDE	4	18	40	FOBS=	120.7	SIGMA=	1.0	PHAS=	49.3	FOM=	0.96	TEST=	0
INDE	4	18	42	FOBS=	29.4	SIGMA=	3.9	PHAS=	-61.0	FOM=	0.35	TEST=	0

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INDE	4	19	39	FOBS=	65.2	SIGMA=	2.3	PHAS=	-6.6	FOM=	0.37	TEST=	0
INDE	4	19	41	FOBS=	219.6	SIGMA=	0.6	PHAS=	62.2	FOM=	0.97	TEST=	0
INDE	4	19	43	FOBS=	147.9	SIGMA=	1.0	PHAS=	-139.0	FOM=	0.99	TEST=	0
INDE	4	19	45	FOBS=	275.3	SIGMA=	0.6	PHAS=	76.6	FOM=	0.97	TEST=	0
INDE	4	19	47	FOBS=	29.7	SIGMA=	5.8	PHAS=	-129.8	FOM=	0.83	TEST=	0
INDE	4	19	49	FOBS=	94.9	SIGMA=	2.3	PHAS=	-25.0	FOM=	0.87	TEST=	0
INDE	4	19	51	FOBS=	177.2	SIGMA=	1.3	PHAS=	90.0	FOM=	0.94	TEST=	0
INDE	4	19	53	FOBS=	73.9	SIGMA=	2.8	PHAS=	19.4	FOM=	0.70	TEST=	0
INDE	4	19	55	FOBS=	116.5	SIGMA=	1.8	PHAS=	-25.7	FOM=	0.89	TEST=	0
INDE	4	19	57	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	19	59	FOBS=	81.4	SIGMA=	2.5	PHAS=	-55.4	FOM=	0.93	TEST=	0
INDE	4	19	61	FOBS=	164.4	SIGMA=	1.3	PHAS=	-104.7	FOM=	0.95	TEST=	0
INDE	4	19	63	FOBS=	172.8	SIGMA=	1.5	PHAS=	176.4	FOM=	0.96	TEST=	0
INDE	4	19	65	FOBS=	0.0	SIGMA=	29.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	19	67	FOBS=	24.3	SIGMA=	13.3	PHAS=	-128.9	FOM=	0.47	TEST=	0
INDE	4	19	69	FOBS=	95.3	SIGMA=	3.5	PHAS=	-71.0	FOM=	0.96	TEST=	0
INDE	4	19	71	FOBS=	39.1	SIGMA=	8.2	PHAS=	78.6	FOM=	0.30	TEST=	0
INDE	4	19	73	FOBS=	58.4	SIGMA=	5.7	PHAS=	109.8	FOM=	0.83	TEST=	0
INDE	4	19	75	FOBS=	38.0	SIGMA=	8.8	PHAS=	174.8	FOM=	0.14	TEST=	1
INDE	4	20	4	FOBS=	84.0	SIGMA=	0.7	PHAS=	-162.2	FOM=	0.69	TEST=	0
INDE	4	20	6	FOBS=	352.7	SIGMA=	0.5	PHAS=	171.1	FOM=	0.94	TEST=	0
INDE	4	20	8	FOBS=	96.3	SIGMA=	1.0	PHAS=	-96.5	FOM=	0.90	TEST=	0
INDE	4	20	10	FOBS=	90.1	SIGMA=	1.0	PHAS=	-65.4	FOM=	0.78	TEST=	0
INDE	4	20	12	FOBS=	230.8	SIGMA=	0.8	PHAS=	-26.3	FOM=	0.96	TEST=	0
INDE	4	20	14	FOBS=	117.0	SIGMA=	1.3	PHAS=	-122.7	FOM=	0.82	TEST=	0
INDE	4	20	16	FOBS=	86.6	SIGMA=	1.6	PHAS=	-38.3	FOM=	0.98	TEST=	0
INDE	4	20	18	FOBS=	39.4	SIGMA=	2.6	PHAS=	-26.4	FOM=	0.87	TEST=	0
INDE	4	20	20	FOBS=	138.8	SIGMA=	0.8	PHAS=	144.7	FOM=	0.99	TEST=	0
INDE	4	20	22	FOBS=	65.6	SIGMA=	1.5	PHAS=	42.6	FOM=	0.99	TEST=	0
INDE	4	20	24	FOBS=	182.2	SIGMA=	0.6	PHAS=	110.2	FOM=	0.99	TEST=	0
INDE	4	20	26	FOBS=	8.8	SIGMA=	10.5	PHAS=	-47.5	FOM=	0.22	TEST=	0
INDE	4	20	28	FOBS=	51.5	SIGMA=	1.6	PHAS=	-131.1	FOM=	0.89	TEST=	0
INDE	4	20	30	FOBS=	232.0	SIGMA=	0.5	PHAS=	9.2	FOM=	0.95	TEST=	0
INDE	4	20	32	FOBS=	218.2	SIGMA=	0.5	PHAS=	74.6	FOM=	0.80	TEST=	0
INDE	4	20	34	FOBS=	259.7	SIGMA=	0.6	PHAS=	-133.1	FOM=	0.99	TEST=	0
INDE	4	20	36	FOBS=	231.3	SIGMA=	0.8	PHAS=	-94.0	FOM=	0.92	TEST=	1
INDE	4	20	38	FOBS=	144.9	SIGMA=	1.1	PHAS=	-91.8	FOM=	0.96	TEST=	0
INDE	4	20	40	FOBS=	251.2	SIGMA=	0.9	PHAS=	22.5	FOM=	0.95	TEST=	0
INDE	4	20	42	FOBS=	161.4	SIGMA=	0.8	PHAS=	-50.8	FOM=	0.93	TEST=	0
INDE	4	20	44	FOBS=	79.6	SIGMA=	1.7	PHAS=	-167.6	FOM=	0.95	TEST=	0
INDE	4	20	46	FOBS=	79.2	SIGMA=	1.6	PHAS=	-0.8	FOM=	0.51	TEST=	0
INDE	4	20	48	FOBS=	19.6	SIGMA=	6.5	PHAS=	158.9	FOM=	0.78	TEST=	1
INDE	4	20	50	FOBS=	285.9	SIGMA=	1.0	PHAS=	-14.5	FOM=	0.97	TEST=	0
INDE	4	20	52	FOBS=	165.0	SIGMA=	1.4	PHAS=	-32.7	FOM=	0.94	TEST=	0
INDE	4	20	54	FOBS=	94.6	SIGMA=	2.3	PHAS=	23.6	FOM=	0.88	TEST=	0
INDE	4	20	56	FOBS=	21.0	SIGMA=	9.5	PHAS=	-147.0	FOM=	0.37	TEST=	0
INDE	4	20	58	FOBS=	36.6	SIGMA=	5.9	PHAS=	-119.3	FOM=	0.76	TEST=	0
INDE	4	20	60	FOBS=	88.3	SIGMA=	2.3	PHAS=	-148.8	FOM=	0.92	TEST=	0
INDE	4	20	62	FOBS=	103.9	SIGMA=	2.3	PHAS=	134.1	FOM=	0.81	TEST=	0
INDE	4	20	64	FOBS=	123.7	SIGMA=	3.7	PHAS=	-138.1	FOM=	0.91	TEST=	0
INDE	4	20	66	FOBS=	0.0	SIGMA=	29.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	20	68	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	20	70	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	20	72	FOBS=	32.2	SIGMA=	14.8	PHAS=	-28.6	FOM=	0.54	TEST=	0
INDE	4	20	74	FOBS=	47.7	SIGMA=	7.1	PHAS=	122.1	FOM=	0.45	TEST=	0
INDE	4	21	5	FOBS=	404.8	SIGMA=	0.5	PHAS=	155.0	FOM=	0.98	TEST=	0
INDE	4	21	7	FOBS=	197.1	SIGMA=	0.8	PHAS=	59.7	FOM=	0.94	TEST=	0
INDE	4	21	9	FOBS=	86.0	SIGMA=	1.0	PHAS=	-24.8	FOM=	0.92	TEST=	0
INDE	4	21	11	FOBS=	168.8	SIGMA=	1.0	PHAS=	-74.1	FOM=	0.96	TEST=	0
INDE	4	21	13	FOBS=	118.1	SIGMA=	1.3	PHAS=	-178.6	FOM=	0.49	TEST=	1
INDE	4	21	15	FOBS=	76.3	SIGMA=	1.8	PHAS=	-116.7	FOM=	0.99	TEST=	0
INDE	4	21	17	FOBS=	125.9	SIGMA=	1.2	PHAS=	-123.6	FOM=	0.94	TEST=	0
INDE	4	21	19	FOBS=	133.4	SIGMA=	0.9	PHAS=	-177.8	FOM=	0.95	TEST=	0
INDE	4	21	21	FOBS=	146.6	SIGMA=	0.8	PHAS=	-34.4	FOM=	0.98	TEST=	0
INDE	4	21	23	FOBS=	164.4	SIGMA=	0.7	PHAS=	-16.3	FOM=	0.96	TEST=	0
INDE	4	21	25	FOBS=	173.2	SIGMA=	0.7	PHAS=	45.0	FOM=	0.92	TEST=	0
INDE	4	21	27	FOBS=	79.5	SIGMA=	1.1	PHAS=	-43.2	FOM=	0.97	TEST=	0
INDE	4	21	29	FOBS=	309.2	SIGMA=	0.5	PHAS=	-87.8	FOM=	0.96	TEST=	1
INDE	4	21	31	FOBS=	83.7	SIGMA=	1.1	PHAS=	-98.3	FOM=	0.92	TEST=	0
INDE	4	21	33	FOBS=	162.0	SIGMA=	0.7	PHAS=	3.0	FOM=	0.99	TEST=	0

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INDE	4	21	35	FOBS=	285.3	SIGMA=	0.6	PHAS=	-151.0	FOM=	0.98	TEST=	0
INDE	4	21	37	FOBS=	0.0	SIGMA=	17.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	21	39	FOBS=	295.8	SIGMA=	0.7	PHAS=	-117.9	FOM=	0.97	TEST=	0
INDE	4	21	41	FOBS=	0.0	SIGMA=	16.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	21	43	FOBS=	162.5	SIGMA=	0.9	PHAS=	26.8	FOM=	0.20	TEST=	1
INDE	4	21	45	FOBS=	214.9	SIGMA=	0.7	PHAS=	74.9	FOM=	0.94	TEST=	0
INDE	4	21	47	FOBS=	70.0	SIGMA=	1.8	PHAS=	-101.4	FOM=	0.72	TEST=	1
INDE	4	21	49	FOBS=	120.8	SIGMA=	1.1	PHAS=	-69.9	FOM=	0.92	TEST=	0
INDE	4	21	51	FOBS=	145.8	SIGMA=	1.5	PHAS=	-170.6	FOM=	0.90	TEST=	0
INDE	4	21	53	FOBS=	167.8	SIGMA=	1.5	PHAS=	-91.9	FOM=	0.93	TEST=	0
INDE	4	21	55	FOBS=	141.1	SIGMA=	1.5	PHAS=	-168.3	FOM=	0.40	TEST=	1
INDE	4	21	57	FOBS=	49.1	SIGMA=	4.2	PHAS=	179.2	FOM=	0.80	TEST=	0
INDE	4	21	59	FOBS=	102.9	SIGMA=	2.0	PHAS=	177.9	FOM=	0.94	TEST=	0
INDE	4	21	61	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	21	63	FOBS=	124.3	SIGMA=	2.6	PHAS=	-177.5	FOM=	0.93	TEST=	0
INDE	4	21	65	FOBS=	90.1	SIGMA=	5.0	PHAS=	142.5	FOM=	0.89	TEST=	0
INDE	4	21	67	FOBS=	0.0	SIGMA=	29.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	4	21	69	FOBS=	16.2	SIGMA=	20.0	PHAS=	-103.2	FOM=	0.06	TEST=	0
INDE	4	21	71	FOBS=	20.2	SIGMA=	16.2	PHAS=	58.3	FOM=	0.13	TEST=	0
INDE	4	21	73	FOBS=	101.3	SIGMA=	3.4	PHAS=	125.8	FOM=	0.91	TEST=	0
INDE	4	22	4	FOBS=	150.6	SIGMA=	0.6	PHAS=	130.3	FOM=	0.97	TEST=	0
INDE	4	22	6	FOBS=	140.5	SIGMA=	0.7	PHAS=	-114.3	FOM=	0.83	TEST=	0
INDE	4	22	8	FOBS=	73.8	SIGMA=	1.2	PHAS=	21.6	FOM=	0.61	TEST=	0
INDE	4	22	10	FOBS=	100.7	SIGMA=	0.9	PHAS=	58.6	FOM=	0.91	TEST=	0
INDE	4	22	12	FOBS=	116.5	SIGMA=	1.3	PHAS=	24.2	FOM=	0.70	TEST=	0
INDE	4	22	14	FOBS=	119.0	SIGMA=	1.3	PHAS=	-24.2	FOM=	0.98	TEST=	0
INDE	4	22	16	FOBS=	149.5	SIGMA=	1.1	PHAS=	175.4	FOM=	0.18	TEST=	1
INDE	4	22	18	FOBS=	160.2	SIGMA=	1.1	PHAS=	-170.6	FOM=	0.97	TEST=	0
INDE	4	22	20	FOBS=	131.8	SIGMA=	1.0	PHAS=	134.4	FOM=	0.94	TEST=	1
INDE	4	22	22	FOBS=	76.0	SIGMA=	1.4	PHAS=	158.8	FOM=	0.95	TEST=	0
INDE	4	22	24	FOBS=	32.7	SIGMA=	3.2	PHAS=	-146.8	FOM=	0.92	TEST=	0
INDE	4	22	26	FOBS=	126.2	SIGMA=	1.0	PHAS=	-42.3	FOM=	0.98	TEST=	0
INDE	4	22	28	FOBS=	342.0	SIGMA=	0.5	PHAS=	-172.9	FOM=	0.98	TEST=	0
INDE	4	22	30	FOBS=	128.4	SIGMA=	0.8	PHAS=	156.5	FOM=	0.99	TEST=	0
INDE	4	22	32	FOBS=	140.8	SIGMA=	0.8	PHAS=	20.9	FOM=	0.96	TEST=	0
INDE	4	22	34	FOBS=	108.1	SIGMA=	1.1	PHAS=	173.3	FOM=	0.98	TEST=	0
INDE	4	22	36	FOBS=	96.6	SIGMA=	1.3	PHAS=	123.2	FOM=	0.98	TEST=	0
INDE	4	22	38	FOBS=	124.2	SIGMA=	1.4	PHAS=	143.4	FOM=	0.96	TEST=	0
INDE	4	22	40	FOBS=	37.1	SIGMA=	4.7	PHAS=	96.7	FOM=	0.90	TEST=	1
INDE	4	22	42	FOBS=	139.8	SIGMA=	1.1	PHAS=	-24.6	FOM=	0.87	TEST=	1
INDE	4	22	44	FOBS=	253.9	SIGMA=	0.7	PHAS=	13.4	FOM=	0.94	TEST=	0
INDE	4	22	46	FOBS=	202.9	SIGMA=	0.7	PHAS=	-16.3	FOM=	0.91	TEST=	0
INDE	4	22	48	FOBS=	97.8	SIGMA=	1.3	PHAS=	153.6	FOM=	0.73	TEST=	1
INDE	4	22	50	FOBS=	104.3	SIGMA=	1.2	PHAS=	27.5	FOM=	0.92	TEST=	0
INDE	4	22	52	FOBS=	99.3	SIGMA=	2.2	PHAS=	29.4	FOM=	0.95	TEST=	0
INDE	4	22	54	FOBS=	78.1	SIGMA=	2.7	PHAS=	133.1	FOM=	0.86	TEST=	0
INDE	4	22	56	FOBS=	78.4	SIGMA=	2.6	PHAS=	85.9	FOM=	0.74	TEST=	0
INDE	4	22	58	FOBS=	70.2	SIGMA=	2.9	PHAS=	71.1	FOM=	0.78	TEST=	0
INDE	4	22	60	FOBS=	46.9	SIGMA=	4.2	PHAS=	84.6	FOM=	0.86	TEST=	0
INDE	4	22	62	FOBS=	38.6	SIGMA=	6.1	PHAS=	69.4	FOM=	0.15	TEST=	0
INDE	4	22	64	FOBS=	69.6	SIGMA=	6.5	PHAS=	78.9	FOM=	0.83	TEST=	0
INDE	4	22	66	FOBS=	58.0	SIGMA=	7.8	PHAS=	14.4	FOM=	0.28	TEST=	0
INDE	4	22	68	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	22	70	FOBS=	13.2	SIGMA=	24.8	PHAS=	-78.0	FOM=	0.02	TEST=	0
INDE	4	22	72	FOBS=	64.5	SIGMA=	5.3	PHAS=	81.9	FOM=	0.71	TEST=	0
INDE	4	22	74	FOBS=	50.4	SIGMA=	6.9	PHAS=	126.8	FOM=	0.71	TEST=	0
INDE	4	23	5	FOBS=	461.0	SIGMA=	0.5	PHAS=	138.1	FOM=	0.97	TEST=	0
INDE	4	23	7	FOBS=	94.5	SIGMA=	1.1	PHAS=	-155.1	FOM=	0.92	TEST=	0
INDE	4	23	9	FOBS=	81.7	SIGMA=	1.1	PHAS=	71.5	FOM=	0.90	TEST=	0
INDE	4	23	11	FOBS=	75.8	SIGMA=	1.3	PHAS=	-12.3	FOM=	0.93	TEST=	0
INDE	4	23	13	FOBS=	204.1	SIGMA=	1.0	PHAS=	-86.2	FOM=	0.92	TEST=	0
INDE	4	23	15	FOBS=	239.6	SIGMA=	0.9	PHAS=	-119.4	FOM=	0.98	TEST=	0
INDE	4	23	17	FOBS=	48.9	SIGMA=	3.0	PHAS=	83.8	FOM=	0.90	TEST=	0
INDE	4	23	19	FOBS=	149.6	SIGMA=	1.2	PHAS=	151.6	FOM=	0.99	TEST=	0
INDE	4	23	21	FOBS=	242.3	SIGMA=	0.7	PHAS=	-50.6	FOM=	0.96	TEST=	0
INDE	4	23	23	FOBS=	72.2	SIGMA=	1.5	PHAS=	-47.4	FOM=	0.96	TEST=	0
INDE	4	23	25	FOBS=	91.9	SIGMA=	1.3	PHAS=	-81.4	FOM=	0.97	TEST=	0
INDE	4	23	27	FOBS=	57.5	SIGMA=	2.1	PHAS=	5.6	FOM=	0.86	TEST=	0
INDE	4	23	29	FOBS=	190.0	SIGMA=	0.8	PHAS=	97.9	FOM=	0.97	TEST=	0
INDE	4	23	31	FOBS=	50.8	SIGMA=	2.0	PHAS=	-123.1	FOM=	0.75	TEST=	0

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INDE	4	23	33	FOBS=	120.1	SIGMA=	1.0	PHAS=	-102.6	FOM=	0.62	TEST=	0
INDE	4	23	35	FOBS=	235.9	SIGMA=	0.7	PHAS=	117.5	FOM=	0.91	TEST=	1
INDE	4	23	37	FOBS=	41.2	SIGMA=	3.3	PHAS=	-24.0	FOM=	0.37	TEST=	0
INDE	4	23	39	FOBS=	19.9	SIGMA=	8.3	PHAS=	38.0	FOM=	0.85	TEST=	0
INDE	4	23	41	FOBS=	97.9	SIGMA=	1.7	PHAS=	-109.2	FOM=	0.72	TEST=	0
INDE	4	23	43	FOBS=	190.4	SIGMA=	1.0	PHAS=	-113.1	FOM=	0.89	TEST=	0
INDE	4	23	45	FOBS=	188.4	SIGMA=	0.9	PHAS=	-76.3	FOM=	0.96	TEST=	0
INDE	4	23	47	FOBS=	89.3	SIGMA=	1.8	PHAS=	145.2	FOM=	0.85	TEST=	0
INDE	4	23	49	FOBS=	0.0	SIGMA=	16.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	23	51	FOBS=	119.3	SIGMA=	1.1	PHAS=	-15.3	FOM=	0.86	TEST=	0
INDE	4	23	53	FOBS=	193.2	SIGMA=	1.2	PHAS=	-30.4	FOM=	0.95	TEST=	0
INDE	4	23	55	FOBS=	84.3	SIGMA=	2.5	PHAS=	10.3	FOM=	0.78	TEST=	0
INDE	4	23	57	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	23	59	FOBS=	9.0	SIGMA=	24.1	PHAS=	161.3	FOM=	0.30	TEST=	0
INDE	4	23	61	FOBS=	58.2	SIGMA=	3.7	PHAS=	50.0	FOM=	0.68	TEST=	0
INDE	4	23	63	FOBS=	30.5	SIGMA=	10.3	PHAS=	-113.9	FOM=	0.77	TEST=	0
INDE	4	23	65	FOBS=	0.0	SIGMA=	30.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	23	67	FOBS=	39.6	SIGMA=	11.4	PHAS=	-66.2	FOM=	0.30	TEST=	0
INDE	4	23	69	FOBS=	0.0	SIGMA=	25.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	23	71	FOBS=	14.0	SIGMA=	24.1	PHAS=	66.9	FOM=	0.20	TEST=	0
INDE	4	23	73	FOBS=	52.6	SIGMA=	6.6	PHAS=	22.6	FOM=	0.78	TEST=	0
INDE	4	24	4	FOBS=	269.0	SIGMA=	0.5	PHAS=	103.1	FOM=	0.94	TEST=	0
INDE	4	24	6	FOBS=	128.2	SIGMA=	0.6	PHAS=	78.4	FOM=	0.83	TEST=	0
INDE	4	24	8	FOBS=	27.9	SIGMA=	3.1	PHAS=	40.0	FOM=	0.95	TEST=	0
INDE	4	24	10	FOBS=	70.5	SIGMA=	1.3	PHAS=	90.1	FOM=	0.87	TEST=	0
INDE	4	24	12	FOBS=	38.9	SIGMA=	3.8	PHAS=	87.4	FOM=	0.94	TEST=	1
INDE	4	24	14	FOBS=	193.5	SIGMA=	1.0	PHAS=	-152.8	FOM=	0.99	TEST=	0
INDE	4	24	16	FOBS=	188.5	SIGMA=	1.0	PHAS=	-157.7	FOM=	0.98	TEST=	1
INDE	4	24	18	FOBS=	100.0	SIGMA=	1.6	PHAS=	65.2	FOM=	0.97	TEST=	0
INDE	4	24	20	FOBS=	86.1	SIGMA=	1.9	PHAS=	-164.7	FOM=	0.96	TEST=	0
INDE	4	24	22	FOBS=	202.7	SIGMA=	0.8	PHAS=	149.7	FOM=	0.99	TEST=	0
INDE	4	24	24	FOBS=	113.3	SIGMA=	1.1	PHAS=	-136.7	FOM=	0.96	TEST=	0
INDE	4	24	26	FOBS=	135.5	SIGMA=	1.0	PHAS=	-36.5	FOM=	0.92	TEST=	0
INDE	4	24	28	FOBS=	66.4	SIGMA=	1.9	PHAS=	116.7	FOM=	0.65	TEST=	0
INDE	4	24	30	FOBS=	169.6	SIGMA=	0.8	PHAS=	-130.7	FOM=	0.96	TEST=	0
INDE	4	24	32	FOBS=	81.1	SIGMA=	1.5	PHAS=	158.6	FOM=	0.96	TEST=	0
INDE	4	24	34	FOBS=	39.6	SIGMA=	3.0	PHAS=	129.9	FOM=	0.83	TEST=	0
INDE	4	24	36	FOBS=	91.8	SIGMA=	1.4	PHAS=	141.9	FOM=	0.94	TEST=	0
INDE	4	24	38	FOBS=	168.8	SIGMA=	0.9	PHAS=	-93.3	FOM=	0.90	TEST=	1
INDE	4	24	40	FOBS=	214.6	SIGMA=	0.9	PHAS=	-124.5	FOM=	0.95	TEST=	0
INDE	4	24	42	FOBS=	130.5	SIGMA=	1.2	PHAS=	160.4	FOM=	0.89	TEST=	0
INDE	4	24	44	FOBS=	84.2	SIGMA=	1.7	PHAS=	-169.1	FOM=	0.71	TEST=	0
INDE	4	24	46	FOBS=	134.2	SIGMA=	1.2	PHAS=	64.2	FOM=	0.84	TEST=	0
INDE	4	24	48	FOBS=	177.0	SIGMA=	0.9	PHAS=	-15.1	FOM=	0.96	TEST=	0
INDE	4	24	50	FOBS=	18.4	SIGMA=	7.2	PHAS=	93.2	FOM=	0.73	TEST=	0
INDE	4	24	52	FOBS=	65.8	SIGMA=	2.0	PHAS=	-70.0	FOM=	0.94	TEST=	0
INDE	4	24	54	FOBS=	186.7	SIGMA=	1.1	PHAS=	-119.7	FOM=	0.95	TEST=	0
INDE	4	24	56	FOBS=	46.1	SIGMA=	4.5	PHAS=	-161.1	FOM=	0.91	TEST=	0
INDE	4	24	58	FOBS=	119.7	SIGMA=	1.8	PHAS=	56.3	FOM=	0.92	TEST=	0
INDE	4	24	60	FOBS=	105.0	SIGMA=	2.4	PHAS=	-46.3	FOM=	0.83	TEST=	0
INDE	4	24	62	FOBS=	151.5	SIGMA=	2.3	PHAS=	-76.3	FOM=	0.96	TEST=	0
INDE	4	24	64	FOBS=	0.0	SIGMA=	25.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	24	66	FOBS=	0.0	SIGMA=	30.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	24	68	FOBS=	37.6	SIGMA=	12.2	PHAS=	-47.6	FOM=	0.11	TEST=	1
INDE	4	24	70	FOBS=	67.8	SIGMA=	5.1	PHAS=	24.9	FOM=	0.84	TEST=	0
INDE	4	24	72	FOBS=	16.2	SIGMA=	21.3	PHAS=	-21.9	FOM=	0.18	TEST=	0
INDE	4	25	5	FOBS=	119.6	SIGMA=	0.9	PHAS=	48.9	FOM=	0.99	TEST=	0
INDE	4	25	7	FOBS=	50.9	SIGMA=	1.9	PHAS=	-46.3	FOM=	0.88	TEST=	0
INDE	4	25	9	FOBS=	86.3	SIGMA=	1.1	PHAS=	-166.6	FOM=	0.97	TEST=	0
INDE	4	25	11	FOBS=	99.7	SIGMA=	1.1	PHAS=	-178.3	FOM=	0.92	TEST=	0
INDE	4	25	13	FOBS=	109.4	SIGMA=	1.6	PHAS=	89.0	FOM=	0.92	TEST=	0
INDE	4	25	15	FOBS=	178.1	SIGMA=	1.1	PHAS=	98.6	FOM=	0.98	TEST=	0
INDE	4	25	17	FOBS=	131.4	SIGMA=	1.3	PHAS=	-47.9	FOM=	0.95	TEST=	0
INDE	4	25	19	FOBS=	175.0	SIGMA=	1.1	PHAS=	149.2	FOM=	0.98	TEST=	0
INDE	4	25	21	FOBS=	325.2	SIGMA=	0.8	PHAS=	46.7	FOM=	0.98	TEST=	0
INDE	4	25	23	FOBS=	50.0	SIGMA=	2.4	PHAS=	140.3	FOM=	0.96	TEST=	0
INDE	4	25	25	FOBS=	156.3	SIGMA=	0.9	PHAS=	-170.5	FOM=	0.99	TEST=	0
INDE	4	25	27	FOBS=	14.9	SIGMA=	8.3	PHAS=	-179.9	FOM=	0.60	TEST=	0
INDE	4	25	29	FOBS=	250.8	SIGMA=	0.7	PHAS=	66.8	FOM=	0.92	TEST=	0
INDE	4	25	31	FOBS=	168.0	SIGMA=	0.9	PHAS=	92.8	FOM=	0.97	TEST=	0

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INDE	4	25	33	FOBS=	158.1	SIGMA=	0.9	PHAS=	-163.7	FOM=	0.87	TEST=	0
INDE	4	25	35	FOBS=	111.2	SIGMA=	1.3	PHAS=	103.6	FOM=	0.97	TEST=	0
INDE	4	25	37	FOBS=	226.7	SIGMA=	0.7	PHAS=	160.2	FOM=	0.94	TEST=	0
INDE	4	25	39	FOBS=	74.7	SIGMA=	2.0	PHAS=	118.8	FOM=	0.92	TEST=	0
INDE	4	25	41	FOBS=	222.3	SIGMA=	0.8	PHAS=	143.3	FOM=	0.93	TEST=	0
INDE	4	25	43	FOBS=	45.6	SIGMA=	3.5	PHAS=	-84.0	FOM=	0.88	TEST=	0
INDE	4	25	45	FOBS=	224.5	SIGMA=	0.9	PHAS=	-9.5	FOM=	0.97	TEST=	0
INDE	4	25	47	FOBS=	151.9	SIGMA=	1.1	PHAS=	-115.6	FOM=	0.94	TEST=	0
INDE	4	25	49	FOBS=	169.6	SIGMA=	0.9	PHAS=	140.1	FOM=	0.32	TEST=	1
INDE	4	25	51	FOBS=	84.2	SIGMA=	1.6	PHAS=	-46.8	FOM=	0.94	TEST=	0
INDE	4	25	53	FOBS=	0.0	SIGMA=	16.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	25	55	FOBS=	153.6	SIGMA=	1.2	PHAS=	115.5	FOM=	0.75	TEST=	1
INDE	4	25	57	FOBS=	60.8	SIGMA=	3.4	PHAS=	-77.9	FOM=	0.87	TEST=	0
INDE	4	25	59	FOBS=	39.6	SIGMA=	5.2	PHAS=	-109.8	FOM=	0.66	TEST=	0
INDE	4	25	61	FOBS=	67.7	SIGMA=	4.1	PHAS=	-166.8	FOM=	0.66	TEST=	0
INDE	4	25	63	FOBS=	79.7	SIGMA=	4.1	PHAS=	-172.0	FOM=	0.88	TEST=	0
INDE	4	25	65	FOBS=	56.3	SIGMA=	8.3	PHAS=	-157.8	FOM=	0.56	TEST=	0
INDE	4	25	67	FOBS=	49.5	SIGMA=	9.2	PHAS=	-127.7	FOM=	0.87	TEST=	0
INDE	4	25	69	FOBS=	25.1	SIGMA=	13.8	PHAS=	145.1	FOM=	0.65	TEST=	0
INDE	4	25	71	FOBS=	38.0	SIGMA=	9.2	PHAS=	74.2	FOM=	0.52	TEST=	0
INDE	4	25	73	FOBS=	44.3	SIGMA=	8.1	PHAS=	3.9	FOM=	0.76	TEST=	0
INDE	4	26	4	FOBS=	59.3	SIGMA=	1.8	PHAS=	-82.2	FOM=	0.96	TEST=	0
INDE	4	26	6	FOBS=	57.3	SIGMA=	1.3	PHAS=	73.8	FOM=	0.50	TEST=	0
INDE	4	26	8	FOBS=	108.9	SIGMA=	0.9	PHAS=	-15.8	FOM=	0.97	TEST=	0
INDE	4	26	10	FOBS=	65.1	SIGMA=	1.5	PHAS=	155.6	FOM=	0.98	TEST=	0
INDE	4	26	12	FOBS=	161.1	SIGMA=	0.8	PHAS=	50.6	FOM=	0.99	TEST=	0
INDE	4	26	14	FOBS=	120.2	SIGMA=	1.5	PHAS=	-56.3	FOM=	0.93	TEST=	0
INDE	4	26	16	FOBS=	91.9	SIGMA=	1.8	PHAS=	-171.6	FOM=	0.91	TEST=	0
INDE	4	26	18	FOBS=	59.4	SIGMA=	2.8	PHAS=	161.2	FOM=	0.96	TEST=	0
INDE	4	26	20	FOBS=	179.6	SIGMA=	1.1	PHAS=	-148.3	FOM=	0.30	TEST=	1
INDE	4	26	22	FOBS=	173.6	SIGMA=	1.0	PHAS=	157.7	FOM=	0.96	TEST=	0
INDE	4	26	24	FOBS=	85.2	SIGMA=	1.5	PHAS=	103.6	FOM=	0.95	TEST=	0
INDE	4	26	26	FOBS=	136.4	SIGMA=	1.0	PHAS=	-55.8	FOM=	0.94	TEST=	0
INDE	4	26	28	FOBS=	45.4	SIGMA=	3.2	PHAS=	57.6	FOM=	0.87	TEST=	0
INDE	4	26	30	FOBS=	30.5	SIGMA=	4.6	PHAS=	-146.2	FOM=	0.44	TEST=	0
INDE	4	26	32	FOBS=	233.9	SIGMA=	0.7	PHAS=	66.7	FOM=	0.89	TEST=	0
INDE	4	26	34	FOBS=	99.0	SIGMA=	1.5	PHAS=	55.6	FOM=	0.98	TEST=	0
INDE	4	26	36	FOBS=	113.2	SIGMA=	1.5	PHAS=	147.1	FOM=	0.93	TEST=	0
INDE	4	26	38	FOBS=	18.1	SIGMA=	9.0	PHAS=	16.5	FOM=	0.11	TEST=	0
INDE	4	26	40	FOBS=	85.8	SIGMA=	2.0	PHAS=	-42.8	FOM=	0.72	TEST=	0
INDE	4	26	42	FOBS=	283.9	SIGMA=	0.7	PHAS=	61.6	FOM=	0.97	TEST=	0
INDE	4	26	44	FOBS=	201.0	SIGMA=	0.9	PHAS=	-91.0	FOM=	0.93	TEST=	0
INDE	4	26	46	FOBS=	136.4	SIGMA=	1.1	PHAS=	-102.6	FOM=	0.98	TEST=	0
INDE	4	26	48	FOBS=	120.1	SIGMA=	1.2	PHAS=	85.0	FOM=	0.79	TEST=	0
INDE	4	26	50	FOBS=	86.9	SIGMA=	1.6	PHAS=	-132.7	FOM=	0.47	TEST=	0
INDE	4	26	52	FOBS=	100.8	SIGMA=	1.3	PHAS=	-55.3	FOM=	0.96	TEST=	0
INDE	4	26	54	FOBS=	109.1	SIGMA=	1.2	PHAS=	-22.2	FOM=	0.26	TEST=	1
INDE	4	26	56	FOBS=	44.9	SIGMA=	3.7	PHAS=	21.5	FOM=	0.54	TEST=	0
INDE	4	26	58	FOBS=	24.8	SIGMA=	8.3	PHAS=	65.4	FOM=	0.46	TEST=	0
INDE	4	26	60	FOBS=	58.6	SIGMA=	3.9	PHAS=	-30.1	FOM=	0.53	TEST=	0
INDE	4	26	62	FOBS=	66.3	SIGMA=	4.9	PHAS=	-136.9	FOM=	0.68	TEST=	0
INDE	4	26	64	FOBS=	45.9	SIGMA=	7.0	PHAS=	74.2	FOM=	0.63	TEST=	0
INDE	4	26	66	FOBS=	28.4	SIGMA=	16.6	PHAS=	-150.9	FOM=	0.08	TEST=	1
INDE	4	26	68	FOBS=	60.5	SIGMA=	7.7	PHAS=	105.8	FOM=	0.89	TEST=	0
INDE	4	26	70	FOBS=	117.7	SIGMA=	3.1	PHAS=	46.1	FOM=	0.94	TEST=	0
INDE	4	26	72	FOBS=	79.4	SIGMA=	4.6	PHAS=	-85.6	FOM=	0.91	TEST=	0
INDE	4	27	5	FOBS=	67.0	SIGMA=	1.5	PHAS=	149.3	FOM=	0.19	TEST=	0
INDE	4	27	7	FOBS=	0.0	SIGMA=	14.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	27	9	FOBS=	202.0	SIGMA=	0.8	PHAS=	-139.0	FOM=	0.87	TEST=	0
INDE	4	27	11	FOBS=	82.5	SIGMA=	1.3	PHAS=	140.9	FOM=	0.99	TEST=	0
INDE	4	27	13	FOBS=	40.6	SIGMA=	2.6	PHAS=	-91.4	FOM=	0.78	TEST=	0
INDE	4	27	15	FOBS=	135.0	SIGMA=	1.4	PHAS=	176.5	FOM=	0.88	TEST=	0
INDE	4	27	17	FOBS=	159.9	SIGMA=	1.3	PHAS=	31.0	FOM=	0.81	TEST=	0
INDE	4	27	19	FOBS=	150.3	SIGMA=	1.3	PHAS=	-180.0	FOM=	0.97	TEST=	1
INDE	4	27	21	FOBS=	70.4	SIGMA=	2.5	PHAS=	9.5	FOM=	0.92	TEST=	0
INDE	4	27	23	FOBS=	69.5	SIGMA=	2.1	PHAS=	-110.0	FOM=	0.47	TEST=	0
INDE	4	27	25	FOBS=	80.3	SIGMA=	1.6	PHAS=	-147.2	FOM=	0.96	TEST=	0
INDE	4	27	27	FOBS=	114.0	SIGMA=	1.3	PHAS=	108.5	FOM=	0.92	TEST=	0
INDE	4	27	29	FOBS=	202.4	SIGMA=	0.8	PHAS=	82.5	FOM=	0.64	TEST=	1
INDE	4	27	31	FOBS=	193.8	SIGMA=	1.1	PHAS=	57.7	FOM=	0.92	TEST=	0

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INDE	4	27	33	FOBS=	53.9	SIGMA=	2.8	PHAS=	-1.0	FOM=	0.92	TEST=	0
INDE	4	27	35	FOBS=	232.5	SIGMA=	0.9	PHAS=	-150.6	FOM=	0.95	TEST=	0
INDE	4	27	37	FOBS=	278.9	SIGMA=	0.8	PHAS=	167.8	FOM=	0.97	TEST=	0
INDE	4	27	39	FOBS=	47.5	SIGMA=	3.6	PHAS=	-9.3	FOM=	0.38	TEST=	0
INDE	4	27	41	FOBS=	212.3	SIGMA=	0.8	PHAS=	-78.9	FOM=	0.94	TEST=	0
INDE	4	27	43	FOBS=	211.9	SIGMA=	0.7	PHAS=	-133.8	FOM=	0.97	TEST=	0
INDE	4	27	45	FOBS=	278.9	SIGMA=	0.7	PHAS=	-172.7	FOM=	0.98	TEST=	0
INDE	4	27	47	FOBS=	94.6	SIGMA=	1.5	PHAS=	72.7	FOM=	0.85	TEST=	0
INDE	4	27	49	FOBS=	0.0	SIGMA=	17.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	4	27	51	FOBS=	154.8	SIGMA=	0.9	PHAS=	-134.8	FOM=	0.97	TEST=	0
INDE	4	27	53	FOBS=	97.6	SIGMA=	1.4	PHAS=	-84.4	FOM=	0.60	TEST=	1
INDE	4	27	55	FOBS=	73.1	SIGMA=	1.8	PHAS=	126.0	FOM=	0.15	TEST=	0
INDE	4	27	57	FOBS=	87.5	SIGMA=	1.9	PHAS=	-36.6	FOM=	0.89	TEST=	0
INDE	4	27	59	FOBS=	71.2	SIGMA=	3.0	PHAS=	12.0	FOM=	0.79	TEST=	0
INDE	4	27	61	FOBS=	64.1	SIGMA=	5.1	PHAS=	107.4	FOM=	0.60	TEST=	0
INDE	4	27	63	FOBS=	43.5	SIGMA=	7.4	PHAS=	102.2	FOM=	0.75	TEST=	0
INDE	4	27	65	FOBS=	33.8	SIGMA=	14.1	PHAS=	172.4	FOM=	0.66	TEST=	0
INDE	4	27	67	FOBS=	87.3	SIGMA=	5.6	PHAS=	83.7	FOM=	0.91	TEST=	0
INDE	4	27	69	FOBS=	128.7	SIGMA=	3.8	PHAS=	165.0	FOM=	0.93	TEST=	0
INDE	4	27	71	FOBS=	0.0	SIGMA=	33.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	28	4	FOBS=	180.6	SIGMA=	0.8	PHAS=	-136.8	FOM=	0.95	TEST=	0
INDE	4	28	6	FOBS=	52.0	SIGMA=	1.5	PHAS=	76.9	FOM=	0.95	TEST=	0
INDE	4	28	8	FOBS=	101.6	SIGMA=	1.0	PHAS=	72.8	FOM=	0.95	TEST=	0
INDE	4	28	10	FOBS=	87.3	SIGMA=	1.2	PHAS=	-151.4	FOM=	0.99	TEST=	0
INDE	4	28	12	FOBS=	69.0	SIGMA=	1.6	PHAS=	12.4	FOM=	0.93	TEST=	1
INDE	4	28	14	FOBS=	87.6	SIGMA=	2.0	PHAS=	52.2	FOM=	0.94	TEST=	0
INDE	4	28	16	FOBS=	126.7	SIGMA=	1.5	PHAS=	-42.8	FOM=	0.92	TEST=	0
INDE	4	28	18	FOBS=	264.8	SIGMA=	1.0	PHAS=	-138.6	FOM=	0.94	TEST=	0
INDE	4	28	20	FOBS=	206.4	SIGMA=	1.1	PHAS=	18.4	FOM=	0.96	TEST=	0
INDE	4	28	22	FOBS=	119.1	SIGMA=	1.7	PHAS=	-179.0	FOM=	0.89	TEST=	0
INDE	4	28	24	FOBS=	242.3	SIGMA=	0.8	PHAS=	-151.5	FOM=	0.95	TEST=	0
INDE	4	28	26	FOBS=	187.5	SIGMA=	1.0	PHAS=	-43.7	FOM=	0.99	TEST=	0
INDE	4	28	28	FOBS=	111.0	SIGMA=	1.4	PHAS=	84.0	FOM=	0.90	TEST=	0
INDE	4	28	30	FOBS=	79.4	SIGMA=	2.0	PHAS=	-154.1	FOM=	0.85	TEST=	0
INDE	4	28	32	FOBS=	93.9	SIGMA=	1.8	PHAS=	-55.3	FOM=	0.90	TEST=	0
INDE	4	28	34	FOBS=	176.2	SIGMA=	0.9	PHAS=	161.5	FOM=	0.94	TEST=	0
INDE	4	28	36	FOBS=	246.6	SIGMA=	0.8	PHAS=	131.2	FOM=	0.97	TEST=	0
INDE	4	28	38	FOBS=	231.7	SIGMA=	0.9	PHAS=	37.7	FOM=	0.97	TEST=	0
INDE	4	28	40	FOBS=	307.5	SIGMA=	0.7	PHAS=	178.3	FOM=	0.97	TEST=	0
INDE	4	28	42	FOBS=	363.8	SIGMA=	0.6	PHAS=	94.4	FOM=	0.99	TEST=	0
INDE	4	28	44	FOBS=	184.7	SIGMA=	0.8	PHAS=	97.9	FOM=	0.97	TEST=	0
INDE	4	28	46	FOBS=	105.4	SIGMA=	1.4	PHAS=	82.1	FOM=	0.90	TEST=	0
INDE	4	28	48	FOBS=	102.6	SIGMA=	1.4	PHAS=	71.4	FOM=	0.83	TEST=	0
INDE	4	28	50	FOBS=	105.1	SIGMA=	1.3	PHAS=	-178.6	FOM=	0.95	TEST=	0
INDE	4	28	52	FOBS=	125.5	SIGMA=	1.1	PHAS=	147.6	FOM=	0.59	TEST=	0
INDE	4	28	54	FOBS=	37.1	SIGMA=	3.6	PHAS=	59.1	FOM=	0.51	TEST=	0
INDE	4	28	56	FOBS=	94.7	SIGMA=	1.6	PHAS=	177.1	FOM=	0.92	TEST=	0
INDE	4	28	58	FOBS=	105.9	SIGMA=	1.8	PHAS=	-92.1	FOM=	0.90	TEST=	0
INDE	4	28	60	FOBS=	95.9	SIGMA=	2.9	PHAS=	-60.3	FOM=	0.89	TEST=	0
INDE	4	28	62	FOBS=	39.9	SIGMA=	8.1	PHAS=	-51.4	FOM=	0.37	TEST=	0
INDE	4	28	64	FOBS=	108.3	SIGMA=	3.1	PHAS=	11.8	FOM=	0.94	TEST=	0
INDE	4	28	66	FOBS=	71.7	SIGMA=	6.9	PHAS=	-8.4	FOM=	0.91	TEST=	0
INDE	4	28	68	FOBS=	106.4	SIGMA=	4.7	PHAS=	25.6	FOM=	0.94	TEST=	0
INDE	4	28	70	FOBS=	61.1	SIGMA=	5.9	PHAS=	115.9	FOM=	0.82	TEST=	0
INDE	4	28	72	FOBS=	35.7	SIGMA=	15.5	PHAS=	-66.2	FOM=	0.71	TEST=	0
INDE	4	29	5	FOBS=	206.3	SIGMA=	0.8	PHAS=	-162.4	FOM=	0.95	TEST=	0
INDE	4	29	7	FOBS=	130.6	SIGMA=	1.0	PHAS=	-114.9	FOM=	0.98	TEST=	0
INDE	4	29	9	FOBS=	125.6	SIGMA=	0.9	PHAS=	-132.9	FOM=	0.99	TEST=	0
INDE	4	29	11	FOBS=	210.9	SIGMA=	0.7	PHAS=	131.5	FOM=	0.97	TEST=	0
INDE	4	29	13	FOBS=	182.1	SIGMA=	0.8	PHAS=	-30.7	FOM=	0.97	TEST=	0
INDE	4	29	15	FOBS=	197.6	SIGMA=	1.2	PHAS=	-45.7	FOM=	0.86	TEST=	0
INDE	4	29	17	FOBS=	236.8	SIGMA=	1.1	PHAS=	157.5	FOM=	0.97	TEST=	0
INDE	4	29	19	FOBS=	183.8	SIGMA=	1.2	PHAS=	-148.9	FOM=	0.96	TEST=	0
INDE	4	29	21	FOBS=	297.2	SIGMA=	1.0	PHAS=	-126.1	FOM=	0.97	TEST=	0
INDE	4	29	23	FOBS=	184.7	SIGMA=	1.3	PHAS=	-6.0	FOM=	0.87	TEST=	0
INDE	4	29	25	FOBS=	347.0	SIGMA=	0.7	PHAS=	139.4	FOM=	0.92	TEST=	0
INDE	4	29	27	FOBS=	144.9	SIGMA=	1.1	PHAS=	77.6	FOM=	0.85	TEST=	1
INDE	4	29	29	FOBS=	306.0	SIGMA=	0.7	PHAS=	121.5	FOM=	0.98	TEST=	0
INDE	4	29	31	FOBS=	71.7	SIGMA=	2.4	PHAS=	-137.0	FOM=	0.93	TEST=	0
INDE	4	29	33	FOBS=	49.9	SIGMA=	3.5	PHAS=	38.9	FOM=	0.84	TEST=	0

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INDE	4	29	35	FOBS=	272.4	SIGMA=	0.8	PHAS=	105.2	FOM=	0.97	TEST=	0
INDE	4	29	37	FOBS=	21.9	SIGMA=	10.0	PHAS=	-6.5	FOM=	0.15	TEST=	0
INDE	4	29	39	FOBS=	314.6	SIGMA=	0.8	PHAS=	-2.4	FOM=	0.98	TEST=	0
INDE	4	29	41	FOBS=	452.5	SIGMA=	0.6	PHAS=	38.3	FOM=	0.98	TEST=	0
INDE	4	29	43	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	29	45	FOBS=	53.4	SIGMA=	2.5	PHAS=	137.2	FOM=	0.67	TEST=	0
INDE	4	29	47	FOBS=	199.8	SIGMA=	0.8	PHAS=	47.0	FOM=	0.92	TEST=	0
INDE	4	29	49	FOBS=	106.4	SIGMA=	1.4	PHAS=	122.2	FOM=	0.92	TEST=	0
INDE	4	29	51	FOBS=	133.9	SIGMA=	1.1	PHAS=	125.3	FOM=	0.80	TEST=	1
INDE	4	29	53	FOBS=	60.3	SIGMA=	2.2	PHAS=	-19.2	FOM=	0.88	TEST=	0
INDE	4	29	55	FOBS=	34.0	SIGMA=	4.5	PHAS=	62.7	FOM=	0.57	TEST=	0
INDE	4	29	57	FOBS=	102.9	SIGMA=	1.7	PHAS=	160.5	FOM=	0.88	TEST=	0
INDE	4	29	59	FOBS=	42.6	SIGMA=	4.5	PHAS=	99.0	FOM=	0.65	TEST=	0
INDE	4	29	61	FOBS=	28.4	SIGMA=	8.5	PHAS=	129.1	FOM=	0.62	TEST=	0
INDE	4	29	63	FOBS=	115.4	SIGMA=	3.0	PHAS=	-76.3	FOM=	0.50	TEST=	1
INDE	4	29	65	FOBS=	74.3	SIGMA=	6.7	PHAS=	-80.4	FOM=	0.77	TEST=	0
INDE	4	29	67	FOBS=	20.5	SIGMA=	24.2	PHAS=	-137.6	FOM=	0.56	TEST=	0
INDE	4	29	69	FOBS=	0.0	SIGMA=	31.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	29	71	FOBS=	42.2	SIGMA=	8.8	PHAS=	24.7	FOM=	0.61	TEST=	0
INDE	4	30	4	FOBS=	92.3	SIGMA=	1.4	PHAS=	-61.1	FOM=	0.58	TEST=	0
INDE	4	30	6	FOBS=	137.9	SIGMA=	0.6	PHAS=	129.4	FOM=	0.95	TEST=	0
INDE	4	30	8	FOBS=	307.4	SIGMA=	0.6	PHAS=	149.0	FOM=	0.97	TEST=	0
INDE	4	30	10	FOBS=	153.4	SIGMA=	0.8	PHAS=	-115.8	FOM=	0.73	TEST=	0
INDE	4	30	12	FOBS=	99.0	SIGMA=	1.2	PHAS=	-69.3	FOM=	0.73	TEST=	1
INDE	4	30	14	FOBS=	230.5	SIGMA=	1.1	PHAS=	-132.5	FOM=	0.97	TEST=	0
INDE	4	30	16	FOBS=	238.1	SIGMA=	1.1	PHAS=	52.0	FOM=	0.99	TEST=	0
INDE	4	30	18	FOBS=	152.6	SIGMA=	1.4	PHAS=	116.8	FOM=	0.96	TEST=	0
INDE	4	30	20	FOBS=	412.2	SIGMA=	0.9	PHAS=	108.7	FOM=	0.98	TEST=	0
INDE	4	30	22	FOBS=	208.5	SIGMA=	1.2	PHAS=	-129.4	FOM=	0.82	TEST=	0
INDE	4	30	24	FOBS=	116.7	SIGMA=	1.9	PHAS=	-108.1	FOM=	0.96	TEST=	0
INDE	4	30	26	FOBS=	382.1	SIGMA=	1.0	PHAS=	39.4	FOM=	0.95	TEST=	0
INDE	4	30	28	FOBS=	251.9	SIGMA=	0.9	PHAS=	58.2	FOM=	0.96	TEST=	0
INDE	4	30	30	FOBS=	208.2	SIGMA=	0.9	PHAS=	72.2	FOM=	0.94	TEST=	0
INDE	4	30	32	FOBS=	46.1	SIGMA=	4.2	PHAS=	125.2	FOM=	0.88	TEST=	0
INDE	4	30	34	FOBS=	115.8	SIGMA=	1.7	PHAS=	96.1	FOM=	0.85	TEST=	0
INDE	4	30	36	FOBS=	327.3	SIGMA=	0.7	PHAS=	134.4	FOM=	0.96	TEST=	0
INDE	4	30	38	FOBS=	277.7	SIGMA=	0.8	PHAS=	-58.8	FOM=	0.97	TEST=	0
INDE	4	30	40	FOBS=	65.2	SIGMA=	3.0	PHAS=	-163.6	FOM=	0.88	TEST=	0
INDE	4	30	42	FOBS=	71.6	SIGMA=	2.6	PHAS=	-23.1	FOM=	0.87	TEST=	0
INDE	4	30	44	FOBS=	95.4	SIGMA=	1.6	PHAS=	75.4	FOM=	0.57	TEST=	0
INDE	4	30	46	FOBS=	111.3	SIGMA=	1.3	PHAS=	48.5	FOM=	0.88	TEST=	0
INDE	4	30	48	FOBS=	54.3	SIGMA=	2.6	PHAS=	54.6	FOM=	0.36	TEST=	0
INDE	4	30	50	FOBS=	129.2	SIGMA=	1.1	PHAS=	13.8	FOM=	0.74	TEST=	1
INDE	4	30	52	FOBS=	62.5	SIGMA=	2.2	PHAS=	-83.1	FOM=	0.77	TEST=	0
INDE	4	30	54	FOBS=	83.3	SIGMA=	1.6	PHAS=	-26.8	FOM=	0.92	TEST=	0
INDE	4	30	56	FOBS=	89.0	SIGMA=	1.7	PHAS=	103.2	FOM=	0.91	TEST=	0
INDE	4	30	58	FOBS=	107.1	SIGMA=	1.9	PHAS=	20.2	FOM=	0.85	TEST=	0
INDE	4	30	60	FOBS=	93.9	SIGMA=	2.2	PHAS=	-31.0	FOM=	0.89	TEST=	0
INDE	4	30	62	FOBS=	68.9	SIGMA=	3.3	PHAS=	121.2	FOM=	0.75	TEST=	0
INDE	4	30	64	FOBS=	84.2	SIGMA=	4.1	PHAS=	143.5	FOM=	0.59	TEST=	0
INDE	4	30	66	FOBS=	87.4	SIGMA=	5.8	PHAS=	120.4	FOM=	0.88	TEST=	0
INDE	4	30	68	FOBS=	21.7	SIGMA=	22.7	PHAS=	58.8	FOM=	0.26	TEST=	0
INDE	4	30	70	FOBS=	80.3	SIGMA=	4.7	PHAS=	-135.3	FOM=	0.88	TEST=	0
INDE	4	31	5	FOBS=	117.6	SIGMA=	1.2	PHAS=	170.5	FOM=	0.99	TEST=	0
INDE	4	31	7	FOBS=	219.7	SIGMA=	0.5	PHAS=	109.5	FOM=	0.97	TEST=	0
INDE	4	31	9	FOBS=	274.0	SIGMA=	0.7	PHAS=	99.6	FOM=	0.98	TEST=	0
INDE	4	31	11	FOBS=	226.8	SIGMA=	0.8	PHAS=	138.0	FOM=	0.92	TEST=	0
INDE	4	31	13	FOBS=	124.8	SIGMA=	1.1	PHAS=	178.1	FOM=	0.96	TEST=	0
INDE	4	31	15	FOBS=	125.1	SIGMA=	1.1	PHAS=	-59.9	FOM=	0.99	TEST=	0
INDE	4	31	17	FOBS=	70.1	SIGMA=	2.8	PHAS=	-30.9	FOM=	0.81	TEST=	0
INDE	4	31	19	FOBS=	404.0	SIGMA=	0.9	PHAS=	-57.2	FOM=	0.99	TEST=	0
INDE	4	31	21	FOBS=	167.9	SIGMA=	1.4	PHAS=	-27.6	FOM=	0.96	TEST=	0
INDE	4	31	23	FOBS=	148.2	SIGMA=	1.6	PHAS=	92.0	FOM=	0.99	TEST=	0
INDE	4	31	25	FOBS=	128.7	SIGMA=	1.9	PHAS=	111.0	FOM=	0.95	TEST=	0
INDE	4	31	27	FOBS=	246.3	SIGMA=	1.0	PHAS=	55.1	FOM=	0.97	TEST=	0
INDE	4	31	29	FOBS=	76.2	SIGMA=	2.3	PHAS=	93.0	FOM=	0.82	TEST=	0
INDE	4	31	31	FOBS=	161.7	SIGMA=	1.2	PHAS=	-55.9	FOM=	0.87	TEST=	0
INDE	4	31	33	FOBS=	25.9	SIGMA=	8.6	PHAS=	23.1	FOM=	0.14	TEST=	0
INDE	4	31	35	FOBS=	284.4	SIGMA=	1.0	PHAS=	103.2	FOM=	0.95	TEST=	0
INDE	4	31	37	FOBS=	78.2	SIGMA=	2.6	PHAS=	-11.3	FOM=	0.80	TEST=	0

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INDE	4	31	39	FOBS=	149.0	SIGMA=	1.4	PHAS=	-135.3	FOM=	0.77	TEST=	0
INDE	4	31	41	FOBS=	146.1	SIGMA=	1.3	PHAS=	29.2	FOM=	0.97	TEST=	0
INDE	4	31	43	FOBS=	155.7	SIGMA=	1.2	PHAS=	161.5	FOM=	0.90	TEST=	0
INDE	4	31	45	FOBS=	153.2	SIGMA=	1.0	PHAS=	-81.7	FOM=	0.44	TEST=	1
INDE	4	31	47	FOBS=	136.1	SIGMA=	1.0	PHAS=	-47.7	FOM=	0.26	TEST=	0
INDE	4	31	49	FOBS=	103.8	SIGMA=	1.5	PHAS=	-70.4	FOM=	0.79	TEST=	0
INDE	4	31	51	FOBS=	101.6	SIGMA=	1.4	PHAS=	130.3	FOM=	0.89	TEST=	0
INDE	4	31	53	FOBS=	91.4	SIGMA=	1.5	PHAS=	171.1	FOM=	0.82	TEST=	0
INDE	4	31	55	FOBS=	0.0	SIGMA=	17.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	4	31	57	FOBS=	92.5	SIGMA=	1.8	PHAS=	-64.2	FOM=	0.87	TEST=	0
INDE	4	31	59	FOBS=	43.6	SIGMA=	4.7	PHAS=	-124.3	FOM=	0.84	TEST=	0
INDE	4	31	61	FOBS=	74.3	SIGMA=	2.8	PHAS=	110.4	FOM=	0.89	TEST=	0
INDE	4	31	63	FOBS=	39.2	SIGMA=	5.7	PHAS=	-75.9	FOM=	0.58	TEST=	0
INDE	4	31	65	FOBS=	145.9	SIGMA=	3.6	PHAS=	59.2	FOM=	0.97	TEST=	0
INDE	4	31	67	FOBS=	22.5	SIGMA=	22.0	PHAS=	-69.6	FOM=	0.16	TEST=	0
INDE	4	31	69	FOBS=	0.0	SIGMA=	31.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	31	71	FOBS=	24.0	SIGMA=	15.8	PHAS=	89.1	FOM=	0.48	TEST=	0
INDE	4	32	4	FOBS=	169.8	SIGMA=	0.9	PHAS=	45.8	FOM=	0.94	TEST=	0
INDE	4	32	6	FOBS=	147.5	SIGMA=	0.7	PHAS=	-52.7	FOM=	0.88	TEST=	1
INDE	4	32	8	FOBS=	133.6	SIGMA=	1.2	PHAS=	-6.6	FOM=	0.98	TEST=	1
INDE	4	32	10	FOBS=	168.6	SIGMA=	0.8	PHAS=	23.9	FOM=	0.88	TEST=	0
INDE	4	32	12	FOBS=	118.0	SIGMA=	1.1	PHAS=	98.8	FOM=	0.95	TEST=	0
INDE	4	32	14	FOBS=	87.4	SIGMA=	1.5	PHAS=	-134.4	FOM=	0.99	TEST=	0
INDE	4	32	16	FOBS=	55.0	SIGMA=	3.7	PHAS=	154.2	FOM=	0.93	TEST=	0
INDE	4	32	18	FOBS=	236.7	SIGMA=	1.2	PHAS=	-125.4	FOM=	0.96	TEST=	0
INDE	4	32	20	FOBS=	168.6	SIGMA=	1.5	PHAS=	167.6	FOM=	0.75	TEST=	1
INDE	4	32	22	FOBS=	113.4	SIGMA=	2.1	PHAS=	-169.5	FOM=	0.26	TEST=	1
INDE	4	32	24	FOBS=	345.4	SIGMA=	1.0	PHAS=	-68.7	FOM=	0.99	TEST=	0
INDE	4	32	26	FOBS=	283.9	SIGMA=	1.1	PHAS=	80.8	FOM=	0.97	TEST=	0
INDE	4	32	28	FOBS=	155.0	SIGMA=	1.2	PHAS=	-14.9	FOM=	0.96	TEST=	1
INDE	4	32	30	FOBS=	108.6	SIGMA=	1.8	PHAS=	-127.6	FOM=	0.93	TEST=	0
INDE	4	32	32	FOBS=	104.8	SIGMA=	1.9	PHAS=	176.3	FOM=	0.30	TEST=	1
INDE	4	32	34	FOBS=	120.2	SIGMA=	2.7	PHAS=	31.4	FOM=	0.93	TEST=	0
INDE	4	32	36	FOBS=	268.9	SIGMA=	0.9	PHAS=	-166.0	FOM=	0.94	TEST=	0
INDE	4	32	38	FOBS=	185.3	SIGMA=	1.2	PHAS=	20.5	FOM=	0.93	TEST=	0
INDE	4	32	40	FOBS=	173.9	SIGMA=	1.2	PHAS=	79.9	FOM=	0.93	TEST=	0
INDE	4	32	42	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	32	44	FOBS=	80.7	SIGMA=	1.9	PHAS=	112.6	FOM=	0.83	TEST=	0
INDE	4	32	46	FOBS=	32.0	SIGMA=	4.8	PHAS=	110.2	FOM=	0.37	TEST=	0
INDE	4	32	48	FOBS=	32.6	SIGMA=	4.6	PHAS=	124.7	FOM=	0.70	TEST=	0
INDE	4	32	50	FOBS=	114.2	SIGMA=	1.4	PHAS=	70.4	FOM=	0.46	TEST=	1
INDE	4	32	52	FOBS=	32.2	SIGMA=	4.8	PHAS=	75.0	FOM=	0.52	TEST=	0
INDE	4	32	54	FOBS=	51.1	SIGMA=	2.9	PHAS=	19.2	FOM=	0.86	TEST=	0
INDE	4	32	56	FOBS=	0.0	SIGMA=	17.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	32	58	FOBS=	91.7	SIGMA=	2.0	PHAS=	133.2	FOM=	0.93	TEST=	0
INDE	4	32	60	FOBS=	78.5	SIGMA=	2.7	PHAS=	-8.2	FOM=	0.74	TEST=	0
INDE	4	32	62	FOBS=	42.7	SIGMA=	4.8	PHAS=	14.8	FOM=	0.87	TEST=	0
INDE	4	32	64	FOBS=	102.2	SIGMA=	2.1	PHAS=	25.2	FOM=	0.93	TEST=	0
INDE	4	32	66	FOBS=	0.0	SIGMA=	31.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	32	68	FOBS=	0.0	SIGMA=	32.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	32	70	FOBS=	0.0	SIGMA=	31.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	4	33	5	FOBS=	50.0	SIGMA=	2.7	PHAS=	97.7	FOM=	0.89	TEST=	0
INDE	4	33	7	FOBS=	233.9	SIGMA=	0.6	PHAS=	165.0	FOM=	0.99	TEST=	0
INDE	4	33	9	FOBS=	30.7	SIGMA=	4.1	PHAS=	-49.4	FOM=	0.75	TEST=	0
INDE	4	33	11	FOBS=	169.2	SIGMA=	0.8	PHAS=	39.5	FOM=	0.91	TEST=	0
INDE	4	33	13	FOBS=	108.3	SIGMA=	1.2	PHAS=	115.9	FOM=	0.97	TEST=	0
INDE	4	33	15	FOBS=	266.9	SIGMA=	0.8	PHAS=	86.3	FOM=	0.95	TEST=	0
INDE	4	33	17	FOBS=	210.6	SIGMA=	1.3	PHAS=	116.1	FOM=	0.96	TEST=	0
INDE	4	33	19	FOBS=	248.9	SIGMA=	1.2	PHAS=	-32.8	FOM=	0.97	TEST=	0
INDE	4	33	21	FOBS=	160.2	SIGMA=	1.6	PHAS=	51.4	FOM=	0.96	TEST=	0
INDE	4	33	23	FOBS=	116.1	SIGMA=	2.1	PHAS=	162.0	FOM=	0.85	TEST=	1
INDE	4	33	25	FOBS=	68.2	SIGMA=	3.6	PHAS=	-50.3	FOM=	0.83	TEST=	0
INDE	4	33	27	FOBS=	221.6	SIGMA=	1.1	PHAS=	22.6	FOM=	0.93	TEST=	0
INDE	4	33	29	FOBS=	60.9	SIGMA=	3.0	PHAS=	-173.9	FOM=	0.78	TEST=	0
INDE	4	33	31	FOBS=	98.1	SIGMA=	2.1	PHAS=	-128.7	FOM=	0.78	TEST=	0
INDE	4	33	33	FOBS=	39.7	SIGMA=	5.4	PHAS=	-47.4	FOM=	0.89	TEST=	0
INDE	4	33	35	FOBS=	196.1	SIGMA=	1.3	PHAS=	86.2	FOM=	0.94	TEST=	0
INDE	4	33	37	FOBS=	182.4	SIGMA=	1.2	PHAS=	88.1	FOM=	0.94	TEST=	0
INDE	4	33	39	FOBS=	57.9	SIGMA=	3.4	PHAS=	-35.2	FOM=	0.69	TEST=	0
INDE	4	33	41	FOBS=	117.2	SIGMA=	1.6	PHAS=	-39.4	FOM=	0.86	TEST=	0

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INDE	4	33	43	FOBS=	113.2	SIGMA=	1.6	PHAS=	133.0	FOM=	0.66	TEST=	0
INDE	4	33	45	FOBS=	118.0	SIGMA=	1.3	PHAS=	14.9	FOM=	0.77	TEST=	0
INDE	4	33	47	FOBS=	94.3	SIGMA=	1.6	PHAS=	6.9	FOM=	0.90	TEST=	0
INDE	4	33	49	FOBS=	78.2	SIGMA=	1.9	PHAS=	-80.1	FOM=	0.89	TEST=	0
INDE	4	33	51	FOBS=	21.6	SIGMA=	6.9	PHAS=	12.0	FOM=	0.34	TEST=	0
INDE	4	33	53	FOBS=	69.2	SIGMA=	2.1	PHAS=	-142.4	FOM=	0.86	TEST=	0
INDE	4	33	55	FOBS=	38.3	SIGMA=	3.8	PHAS=	-96.1	FOM=	0.33	TEST=	0
INDE	4	33	57	FOBS=	82.5	SIGMA=	2.1	PHAS=	1.9	FOM=	0.87	TEST=	1
INDE	4	33	59	FOBS=	50.2	SIGMA=	3.5	PHAS=	-8.8	FOM=	0.49	TEST=	0
INDE	4	33	61	FOBS=	48.9	SIGMA=	4.2	PHAS=	-85.2	FOM=	0.83	TEST=	0
INDE	4	33	63	FOBS=	96.1	SIGMA=	2.2	PHAS=	-68.7	FOM=	0.96	TEST=	0
INDE	4	33	65	FOBS=	29.8	SIGMA=	7.8	PHAS=	87.8	FOM=	0.55	TEST=	0
INDE	4	33	67	FOBS=	0.0	SIGMA=	27.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	33	69	FOBS=	26.9	SIGMA=	19.1	PHAS=	166.0	FOM=	0.36	TEST=	0
INDE	4	34	4	FOBS=	2.0	SIGMA=	66.5	PHAS=	-119.6	FOM=	0.05	TEST=	0
INDE	4	34	6	FOBS=	235.0	SIGMA=	0.8	PHAS=	69.4	FOM=	0.93	TEST=	0
INDE	4	34	8	FOBS=	75.4	SIGMA=	1.2	PHAS=	152.5	FOM=	0.28	TEST=	0
INDE	4	34	10	FOBS=	69.0	SIGMA=	2.0	PHAS=	-78.2	FOM=	0.98	TEST=	0
INDE	4	34	12	FOBS=	191.5	SIGMA=	0.8	PHAS=	36.9	FOM=	0.95	TEST=	0
INDE	4	34	14	FOBS=	386.8	SIGMA=	0.7	PHAS=	9.3	FOM=	0.98	TEST=	0
INDE	4	34	16	FOBS=	198.5	SIGMA=	1.0	PHAS=	-23.5	FOM=	0.95	TEST=	0
INDE	4	34	18	FOBS=	298.9	SIGMA=	1.1	PHAS=	-126.7	FOM=	0.88	TEST=	0
INDE	4	34	20	FOBS=	68.1	SIGMA=	3.5	PHAS=	-141.9	FOM=	0.93	TEST=	0
INDE	4	34	22	FOBS=	163.8	SIGMA=	1.7	PHAS=	-85.3	FOM=	0.93	TEST=	0
INDE	4	34	24	FOBS=	232.9	SIGMA=	1.3	PHAS=	-110.5	FOM=	0.96	TEST=	0
INDE	4	34	26	FOBS=	95.1	SIGMA=	2.8	PHAS=	-69.5	FOM=	0.30	TEST=	0
INDE	4	34	28	FOBS=	267.7	SIGMA=	1.0	PHAS=	-135.8	FOM=	0.93	TEST=	0
INDE	4	34	30	FOBS=	243.5	SIGMA=	1.1	PHAS=	-84.7	FOM=	0.95	TEST=	0
INDE	4	34	32	FOBS=	59.5	SIGMA=	3.6	PHAS=	-100.7	FOM=	0.66	TEST=	0
INDE	4	34	34	FOBS=	226.1	SIGMA=	1.1	PHAS=	-100.7	FOM=	0.96	TEST=	0
INDE	4	34	36	FOBS=	93.5	SIGMA=	2.6	PHAS=	110.9	FOM=	0.73	TEST=	0
INDE	4	34	38	FOBS=	335.8	SIGMA=	0.8	PHAS=	3.5	FOM=	0.97	TEST=	0
INDE	4	34	40	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	4	34	42	FOBS=	110.2	SIGMA=	1.7	PHAS=	162.6	FOM=	0.80	TEST=	1
INDE	4	34	44	FOBS=	152.7	SIGMA=	1.1	PHAS=	-155.4	FOM=	0.89	TEST=	0
INDE	4	34	46	FOBS=	0.0	SIGMA=	17.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	34	48	FOBS=	72.3	SIGMA=	2.0	PHAS=	28.3	FOM=	0.62	TEST=	0
INDE	4	34	50	FOBS=	111.9	SIGMA=	1.3	PHAS=	-143.2	FOM=	0.94	TEST=	0
INDE	4	34	52	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	34	54	FOBS=	88.6	SIGMA=	1.9	PHAS=	120.0	FOM=	0.93	TEST=	0
INDE	4	34	56	FOBS=	48.0	SIGMA=	3.7	PHAS=	-101.2	FOM=	0.82	TEST=	0
INDE	4	34	58	FOBS=	61.5	SIGMA=	2.9	PHAS=	-152.8	FOM=	0.74	TEST=	1
INDE	4	34	60	FOBS=	40.9	SIGMA=	4.4	PHAS=	-161.1	FOM=	0.43	TEST=	0
INDE	4	34	62	FOBS=	53.6	SIGMA=	3.4	PHAS=	-127.2	FOM=	0.73	TEST=	0
INDE	4	34	64	FOBS=	53.0	SIGMA=	3.9	PHAS=	124.0	FOM=	0.90	TEST=	0
INDE	4	34	66	FOBS=	50.1	SIGMA=	4.7	PHAS=	-147.3	FOM=	0.07	TEST=	1
INDE	4	34	68	FOBS=	69.9	SIGMA=	5.4	PHAS=	137.0	FOM=	0.14	TEST=	1
INDE	4	35	5	FOBS=	229.8	SIGMA=	0.8	PHAS=	36.1	FOM=	0.98	TEST=	0
INDE	4	35	7	FOBS=	190.3	SIGMA=	0.7	PHAS=	80.9	FOM=	0.98	TEST=	0
INDE	4	35	9	FOBS=	136.8	SIGMA=	0.8	PHAS=	-45.1	FOM=	0.98	TEST=	0
INDE	4	35	11	FOBS=	94.6	SIGMA=	1.4	PHAS=	67.7	FOM=	0.69	TEST=	0
INDE	4	35	13	FOBS=	334.3	SIGMA=	0.8	PHAS=	-55.9	FOM=	0.98	TEST=	0
INDE	4	35	15	FOBS=	110.7	SIGMA=	1.4	PHAS=	72.8	FOM=	0.98	TEST=	0
INDE	4	35	17	FOBS=	184.1	SIGMA=	1.0	PHAS=	-57.5	FOM=	0.88	TEST=	0
INDE	4	35	19	FOBS=	133.1	SIGMA=	2.0	PHAS=	-77.7	FOM=	0.90	TEST=	0
INDE	4	35	21	FOBS=	280.1	SIGMA=	1.2	PHAS=	96.2	FOM=	0.99	TEST=	0
INDE	4	35	23	FOBS=	313.8	SIGMA=	1.1	PHAS=	118.7	FOM=	0.97	TEST=	0
INDE	4	35	25	FOBS=	320.2	SIGMA=	1.1	PHAS=	119.2	FOM=	0.96	TEST=	0
INDE	4	35	27	FOBS=	159.3	SIGMA=	1.9	PHAS=	154.7	FOM=	0.86	TEST=	0
INDE	4	35	29	FOBS=	129.2	SIGMA=	1.9	PHAS=	144.0	FOM=	0.84	TEST=	1
INDE	4	35	31	FOBS=	259.2	SIGMA=	1.0	PHAS=	-165.6	FOM=	0.97	TEST=	0
INDE	4	35	33	FOBS=	171.4	SIGMA=	1.4	PHAS=	178.8	FOM=	0.94	TEST=	0
INDE	4	35	35	FOBS=	37.1	SIGMA=	6.6	PHAS=	165.3	FOM=	0.53	TEST=	0
INDE	4	35	37	FOBS=	103.3	SIGMA=	2.2	PHAS=	-92.0	FOM=	0.70	TEST=	0
INDE	4	35	39	FOBS=	132.1	SIGMA=	1.6	PHAS=	-81.3	FOM=	0.88	TEST=	0
INDE	4	35	41	FOBS=	146.9	SIGMA=	1.3	PHAS=	55.8	FOM=	0.93	TEST=	0
INDE	4	35	43	FOBS=	51.0	SIGMA=	3.5	PHAS=	114.0	FOM=	0.17	TEST=	1
INDE	4	35	45	FOBS=	229.7	SIGMA=	0.8	PHAS=	105.3	FOM=	0.95	TEST=	0
INDE	4	35	47	FOBS=	66.4	SIGMA=	2.3	PHAS=	-32.8	FOM=	0.80	TEST=	0
INDE	4	35	49	FOBS=	68.5	SIGMA=	2.1	PHAS=	172.6	FOM=	0.78	TEST=	0

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INDE	4	35	51	FOBS=	82.0	SIGMA=	1.8	PHAS=	148.8	FOM=	0.85	TEST=	0
INDE	4	35	53	FOBS=	53.7	SIGMA=	3.4	PHAS=	94.5	FOM=	0.55	TEST=	0
INDE	4	35	55	FOBS=	58.4	SIGMA=	3.1	PHAS=	8.1	FOM=	0.89	TEST=	0
INDE	4	35	57	FOBS=	18.1	SIGMA=	9.7	PHAS=	22.2	FOM=	0.41	TEST=	0
INDE	4	35	59	FOBS=	42.4	SIGMA=	4.1	PHAS=	96.8	FOM=	0.52	TEST=	0
INDE	4	35	61	FOBS=	17.0	SIGMA=	10.4	PHAS=	-122.1	FOM=	0.16	TEST=	0
INDE	4	35	63	FOBS=	57.1	SIGMA=	3.2	PHAS=	-39.7	FOM=	0.24	TEST=	0
INDE	4	35	65	FOBS=	43.4	SIGMA=	4.8	PHAS=	-164.2	FOM=	0.71	TEST=	0
INDE	4	35	67	FOBS=	58.7	SIGMA=	4.5	PHAS=	-31.0	FOM=	0.85	TEST=	0
INDE	4	35	69	FOBS=	85.9	SIGMA=	6.4	PHAS=	-173.4	FOM=	0.61	TEST=	0
INDE	4	36	4	FOBS=	205.8	SIGMA=	0.9	PHAS=	-67.8	FOM=	0.99	TEST=	0
INDE	4	36	6	FOBS=	131.3	SIGMA=	1.3	PHAS=	-53.4	FOM=	0.92	TEST=	0
INDE	4	36	8	FOBS=	213.6	SIGMA=	0.7	PHAS=	-20.4	FOM=	0.96	TEST=	0
INDE	4	36	10	FOBS=	60.8	SIGMA=	2.4	PHAS=	95.1	FOM=	0.90	TEST=	0
INDE	4	36	12	FOBS=	201.1	SIGMA=	0.8	PHAS=	-61.0	FOM=	0.96	TEST=	0
INDE	4	36	14	FOBS=	16.7	SIGMA=	8.5	PHAS=	148.4	FOM=	0.26	TEST=	1
INDE	4	36	16	FOBS=	96.5	SIGMA=	1.7	PHAS=	-117.1	FOM=	0.87	TEST=	0
INDE	4	36	18	FOBS=	138.9	SIGMA=	1.2	PHAS=	178.6	FOM=	0.12	TEST=	0
INDE	4	36	20	FOBS=	216.3	SIGMA=	1.4	PHAS=	47.1	FOM=	0.95	TEST=	0
INDE	4	36	22	FOBS=	210.6	SIGMA=	1.5	PHAS=	-34.3	FOM=	0.95	TEST=	0
INDE	4	36	24	FOBS=	203.7	SIGMA=	1.6	PHAS=	31.9	FOM=	0.99	TEST=	0
INDE	4	36	26	FOBS=	296.3	SIGMA=	1.2	PHAS=	34.1	FOM=	0.93	TEST=	0
INDE	4	36	28	FOBS=	68.9	SIGMA=	4.4	PHAS=	141.2	FOM=	0.70	TEST=	0
INDE	4	36	30	FOBS=	94.2	SIGMA=	2.7	PHAS=	-48.6	FOM=	0.82	TEST=	0
INDE	4	36	32	FOBS=	246.2	SIGMA=	1.2	PHAS=	79.7	FOM=	0.87	TEST=	0
INDE	4	36	34	FOBS=	25.8	SIGMA=	8.9	PHAS=	-80.6	FOM=	0.41	TEST=	0
INDE	4	36	36	FOBS=	162.5	SIGMA=	1.6	PHAS=	156.8	FOM=	0.91	TEST=	0
INDE	4	36	38	FOBS=	247.1	SIGMA=	0.9	PHAS=	-132.4	FOM=	0.94	TEST=	0
INDE	4	36	40	FOBS=	16.4	SIGMA=	13.3	PHAS=	-115.9	FOM=	0.10	TEST=	0
INDE	4	36	42	FOBS=	121.9	SIGMA=	1.5	PHAS=	83.1	FOM=	0.83	TEST=	0
INDE	4	36	44	FOBS=	44.1	SIGMA=	3.7	PHAS=	-127.2	FOM=	0.76	TEST=	0
INDE	4	36	46	FOBS=	49.5	SIGMA=	3.7	PHAS=	-166.9	FOM=	0.77	TEST=	0
INDE	4	36	48	FOBS=	53.2	SIGMA=	2.8	PHAS=	45.3	FOM=	0.86	TEST=	0
INDE	4	36	50	FOBS=	83.1	SIGMA=	1.8	PHAS=	102.9	FOM=	0.84	TEST=	0
INDE	4	36	52	FOBS=	53.9	SIGMA=	2.6	PHAS=	-56.5	FOM=	0.49	TEST=	0
INDE	4	36	54	FOBS=	75.2	SIGMA=	2.4	PHAS=	26.8	FOM=	0.19	TEST=	1
INDE	4	36	56	FOBS=	75.0	SIGMA=	2.4	PHAS=	92.0	FOM=	0.22	TEST=	1
INDE	4	36	58	FOBS=	91.1	SIGMA=	2.0	PHAS=	-93.5	FOM=	0.91	TEST=	0
INDE	4	36	60	FOBS=	59.5	SIGMA=	3.0	PHAS=	-174.2	FOM=	0.90	TEST=	0
INDE	4	36	62	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	36	64	FOBS=	64.9	SIGMA=	2.9	PHAS=	55.6	FOM=	0.25	TEST=	0
INDE	4	36	66	FOBS=	69.0	SIGMA=	3.5	PHAS=	157.9	FOM=	0.90	TEST=	0
INDE	4	36	68	FOBS=	0.0	SIGMA=	27.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	37	5	FOBS=	241.7	SIGMA=	0.9	PHAS=	83.4	FOM=	0.96	TEST=	0
INDE	4	37	7	FOBS=	195.1	SIGMA=	0.7	PHAS=	50.6	FOM=	0.88	TEST=	0
INDE	4	37	9	FOBS=	101.7	SIGMA=	1.2	PHAS=	-97.7	FOM=	0.93	TEST=	0
INDE	4	37	11	FOBS=	109.1	SIGMA=	1.5	PHAS=	-32.1	FOM=	0.25	TEST=	0
INDE	4	37	13	FOBS=	272.7	SIGMA=	0.9	PHAS=	162.3	FOM=	0.99	TEST=	0
INDE	4	37	15	FOBS=	212.8	SIGMA=	0.9	PHAS=	138.2	FOM=	0.97	TEST=	0
INDE	4	37	17	FOBS=	275.3	SIGMA=	0.8	PHAS=	-17.4	FOM=	0.95	TEST=	0
INDE	4	37	19	FOBS=	107.9	SIGMA=	2.6	PHAS=	-96.6	FOM=	0.54	TEST=	0
INDE	4	37	21	FOBS=	144.4	SIGMA=	2.1	PHAS=	30.1	FOM=	0.86	TEST=	0
INDE	4	37	23	FOBS=	117.3	SIGMA=	2.5	PHAS=	38.8	FOM=	0.43	TEST=	0
INDE	4	37	25	FOBS=	100.6	SIGMA=	3.0	PHAS=	-77.9	FOM=	0.86	TEST=	0
INDE	4	37	27	FOBS=	142.3	SIGMA=	2.3	PHAS=	-123.6	FOM=	0.91	TEST=	0
INDE	4	37	29	FOBS=	38.6	SIGMA=	8.3	PHAS=	-45.6	FOM=	0.75	TEST=	0
INDE	4	37	31	FOBS=	160.2	SIGMA=	1.6	PHAS=	-50.5	FOM=	0.89	TEST=	0
INDE	4	37	33	FOBS=	252.0	SIGMA=	1.2	PHAS=	-7.3	FOM=	0.95	TEST=	0
INDE	4	37	35	FOBS=	212.0	SIGMA=	1.3	PHAS=	-142.6	FOM=	0.95	TEST=	0
INDE	4	37	37	FOBS=	138.5	SIGMA=	1.8	PHAS=	80.8	FOM=	0.87	TEST=	0
INDE	4	37	39	FOBS=	65.9	SIGMA=	3.0	PHAS=	129.4	FOM=	0.65	TEST=	0
INDE	4	37	41	FOBS=	107.8	SIGMA=	1.7	PHAS=	69.5	FOM=	0.92	TEST=	0
INDE	4	37	43	FOBS=	140.2	SIGMA=	1.3	PHAS=	42.1	FOM=	0.94	TEST=	0
INDE	4	37	45	FOBS=	198.3	SIGMA=	0.9	PHAS=	59.2	FOM=	0.97	TEST=	0
INDE	4	37	47	FOBS=	84.6	SIGMA=	1.8	PHAS=	81.6	FOM=	0.72	TEST=	0
INDE	4	37	49	FOBS=	0.0	SIGMA=	17.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	37	51	FOBS=	115.5	SIGMA=	1.3	PHAS=	-114.2	FOM=	0.95	TEST=	0
INDE	4	37	53	FOBS=	77.1	SIGMA=	2.2	PHAS=	-120.0	FOM=	0.78	TEST=	0
INDE	4	37	55	FOBS=	54.3	SIGMA=	3.4	PHAS=	-23.6	FOM=	0.50	TEST=	0
INDE	4	37	57	FOBS=	96.3	SIGMA=	1.9	PHAS=	152.1	FOM=	0.77	TEST=	1

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INDE	4	37	59	FOBS=	132.5	SIGMA=	1.4	PHAS=	133.1	FOM=	0.96	TEST=	0
INDE	4	37	61	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	37	63	FOBS=	59.3	SIGMA=	3.1	PHAS=	57.8	FOM=	0.31	TEST=	0
INDE	4	37	65	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	37	67	FOBS=	56.4	SIGMA=	5.6	PHAS=	8.5	FOM=	0.78	TEST=	0
INDE	4	38	4	FOBS=	89.6	SIGMA=	1.8	PHAS=	-56.0	FOM=	0.65	TEST=	0
INDE	4	38	6	FOBS=	12.4	SIGMA=	18.8	PHAS=	-81.5	FOM=	0.06	TEST=	1
INDE	4	38	8	FOBS=	64.4	SIGMA=	2.0	PHAS=	167.4	FOM=	0.92	TEST=	0
INDE	4	38	10	FOBS=	163.3	SIGMA=	0.7	PHAS=	78.7	FOM=	0.86	TEST=	0
INDE	4	38	12	FOBS=	195.9	SIGMA=	0.9	PHAS=	-103.4	FOM=	0.95	TEST=	0
INDE	4	38	14	FOBS=	224.5	SIGMA=	1.0	PHAS=	117.1	FOM=	0.98	TEST=	0
INDE	4	38	16	FOBS=	292.0	SIGMA=	0.9	PHAS=	-124.8	FOM=	0.95	TEST=	0
INDE	4	38	18	FOBS=	255.6	SIGMA=	1.0	PHAS=	5.5	FOM=	0.60	TEST=	1
INDE	4	38	20	FOBS=	151.1	SIGMA=	2.1	PHAS=	151.4	FOM=	0.86	TEST=	0
INDE	4	38	22	FOBS=	120.8	SIGMA=	2.5	PHAS=	-63.1	FOM=	0.94	TEST=	0
INDE	4	38	24	FOBS=	82.3	SIGMA=	3.8	PHAS=	-109.7	FOM=	0.95	TEST=	0
INDE	4	38	26	FOBS=	136.6	SIGMA=	2.4	PHAS=	-177.4	FOM=	0.95	TEST=	0
INDE	4	38	28	FOBS=	142.8	SIGMA=	2.4	PHAS=	-137.8	FOM=	0.82	TEST=	0
INDE	4	38	30	FOBS=	242.4	SIGMA=	1.4	PHAS=	-118.2	FOM=	0.95	TEST=	0
INDE	4	38	32	FOBS=	204.5	SIGMA=	1.2	PHAS=	-91.9	FOM=	0.95	TEST=	0
INDE	4	38	34	FOBS=	376.5	SIGMA=	0.9	PHAS=	-179.6	FOM=	0.98	TEST=	0
INDE	4	38	36	FOBS=	147.8	SIGMA=	1.7	PHAS=	7.5	FOM=	0.82	TEST=	0
INDE	4	38	38	FOBS=	211.2	SIGMA=	1.1	PHAS=	-98.8	FOM=	0.95	TEST=	0
INDE	4	38	40	FOBS=	22.8	SIGMA=	12.0	PHAS=	53.0	FOM=	0.22	TEST=	1
INDE	4	38	42	FOBS=	70.2	SIGMA=	2.6	PHAS=	-4.9	FOM=	0.87	TEST=	0
INDE	4	38	44	FOBS=	233.3	SIGMA=	0.8	PHAS=	-41.7	FOM=	0.96	TEST=	0
INDE	4	38	46	FOBS=	76.1	SIGMA=	2.0	PHAS=	-95.6	FOM=	0.32	TEST=	0
INDE	4	38	48	FOBS=	69.4	SIGMA=	2.2	PHAS=	-176.4	FOM=	0.83	TEST=	0
INDE	4	38	50	FOBS=	95.2	SIGMA=	1.6	PHAS=	136.8	FOM=	0.86	TEST=	0
INDE	4	38	52	FOBS=	101.5	SIGMA=	1.8	PHAS=	164.4	FOM=	0.89	TEST=	0
INDE	4	38	54	FOBS=	35.0	SIGMA=	4.8	PHAS=	-69.4	FOM=	0.49	TEST=	0
INDE	4	38	56	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	38	58	FOBS=	102.7	SIGMA=	1.8	PHAS=	62.8	FOM=	0.92	TEST=	0
INDE	4	38	60	FOBS=	40.4	SIGMA=	4.4	PHAS=	18.0	FOM=	0.72	TEST=	0
INDE	4	38	62	FOBS=	23.8	SIGMA=	7.6	PHAS=	-178.9	FOM=	0.27	TEST=	0
INDE	4	38	64	FOBS=	36.3	SIGMA=	5.8	PHAS=	-33.3	FOM=	0.56	TEST=	0
INDE	4	38	66	FOBS=	89.6	SIGMA=	2.9	PHAS=	-83.4	FOM=	0.92	TEST=	0
INDE	4	39	5	FOBS=	263.2	SIGMA=	0.9	PHAS=	89.0	FOM=	0.90	TEST=	0
INDE	4	39	9	FOBS=	81.6	SIGMA=	1.7	PHAS=	42.3	FOM=	0.79	TEST=	0
INDE	4	39	11	FOBS=	145.4	SIGMA=	0.9	PHAS=	-77.5	FOM=	0.86	TEST=	0
INDE	4	39	13	FOBS=	280.6	SIGMA=	0.8	PHAS=	172.8	FOM=	0.89	TEST=	0
INDE	4	39	15	FOBS=	159.6	SIGMA=	1.2	PHAS=	146.5	FOM=	0.98	TEST=	0
INDE	4	39	17	FOBS=	64.1	SIGMA=	2.9	PHAS=	143.1	FOM=	0.98	TEST=	0
INDE	4	39	19	FOBS=	236.7	SIGMA=	1.0	PHAS=	131.5	FOM=	0.93	TEST=	0
INDE	4	39	21	FOBS=	186.2	SIGMA=	1.8	PHAS=	2.7	FOM=	0.91	TEST=	0
INDE	4	39	23	FOBS=	136.0	SIGMA=	2.5	PHAS=	63.0	FOM=	0.81	TEST=	0
INDE	4	39	25	FOBS=	210.7	SIGMA=	1.8	PHAS=	131.5	FOM=	0.94	TEST=	0
INDE	4	39	27	FOBS=	126.9	SIGMA=	2.7	PHAS=	64.5	FOM=	0.93	TEST=	0
INDE	4	39	29	FOBS=	253.4	SIGMA=	1.6	PHAS=	114.8	FOM=	0.96	TEST=	0
INDE	4	39	31	FOBS=	150.4	SIGMA=	1.9	PHAS=	-164.0	FOM=	0.61	TEST=	0
INDE	4	39	33	FOBS=	179.6	SIGMA=	1.4	PHAS=	34.6	FOM=	0.92	TEST=	0
INDE	4	39	35	FOBS=	203.5	SIGMA=	1.3	PHAS=	145.2	FOM=	0.97	TEST=	0
INDE	4	39	37	FOBS=	106.4	SIGMA=	2.3	PHAS=	-54.0	FOM=	0.82	TEST=	0
INDE	4	39	39	FOBS=	84.8	SIGMA=	2.4	PHAS=	179.8	FOM=	0.71	TEST=	0
INDE	4	39	41	FOBS=	176.5	SIGMA=	1.1	PHAS=	43.7	FOM=	0.95	TEST=	0
INDE	4	39	43	FOBS=	13.7	SIGMA=	13.2	PHAS=	-171.0	FOM=	0.22	TEST=	0
INDE	4	39	45	FOBS=	151.4	SIGMA=	1.1	PHAS=	-147.0	FOM=	0.96	TEST=	0
INDE	4	39	47	FOBS=	114.9	SIGMA=	1.4	PHAS=	101.6	FOM=	0.92	TEST=	0
INDE	4	39	49	FOBS=	89.5	SIGMA=	1.7	PHAS=	134.0	FOM=	0.70	TEST=	0
INDE	4	39	51	FOBS=	50.6	SIGMA=	3.0	PHAS=	63.0	FOM=	0.71	TEST=	0
INDE	4	39	53	FOBS=	40.5	SIGMA=	4.3	PHAS=	178.3	FOM=	0.58	TEST=	0
INDE	4	39	55	FOBS=	62.4	SIGMA=	2.7	PHAS=	-127.9	FOM=	0.79	TEST=	0
INDE	4	39	57	FOBS=	20.5	SIGMA=	8.9	PHAS=	31.6	FOM=	0.67	TEST=	0
INDE	4	39	59	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	39	61	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	4	39	63	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	39	65	FOBS=	37.9	SIGMA=	6.9	PHAS=	152.3	FOM=	0.73	TEST=	0
INDE	4	39	67	FOBS=	105.6	SIGMA=	3.3	PHAS=	-107.8	FOM=	0.84	TEST=	0
INDE	4	40	4	FOBS=	120.3	SIGMA=	1.6	PHAS=	4.5	FOM=	0.96	TEST=	0
INDE	4	40	8	FOBS=	320.4	SIGMA=	0.6	PHAS=	-40.2	FOM=	0.96	TEST=	0

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FOREFEED

INDE	4	40	10	FOBS=	175.3	SIGMA=	0.8	PHAS=	77.2	FOM=	0.90	TEST=	0
INDE	4	40	12	FOBS=	170.5	SIGMA=	0.9	PHAS=	-156.8	FOM=	0.95	TEST=	0
INDE	4	40	14	FOBS=	274.2	SIGMA=	1.0	PHAS=	21.0	FOM=	0.94	TEST=	0
INDE	4	40	16	FOBS=	38.5	SIGMA=	4.7	PHAS=	-155.0	FOM=	0.54	TEST=	0
INDE	4	40	18	FOBS=	121.9	SIGMA=	1.7	PHAS=	60.4	FOM=	0.87	TEST=	0
INDE	4	40	20	FOBS=	135.2	SIGMA=	1.6	PHAS=	-31.9	FOM=	0.46	TEST=	1
INDE	4	40	22	FOBS=	188.9	SIGMA=	1.9	PHAS=	-145.4	FOM=	0.95	TEST=	0
INDE	4	40	24	FOBS=	186.3	SIGMA=	2.0	PHAS=	72.4	FOM=	0.84	TEST=	0
INDE	4	40	26	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	40	28	FOBS=	203.6	SIGMA=	1.9	PHAS=	-10.2	FOM=	0.96	TEST=	0
INDE	4	40	30	FOBS=	236.0	SIGMA=	1.6	PHAS=	-6.2	FOM=	0.70	TEST=	1
INDE	4	40	32	FOBS=	33.2	SIGMA=	7.9	PHAS=	78.4	FOM=	0.70	TEST=	1
INDE	4	40	34	FOBS=	107.7	SIGMA=	2.2	PHAS=	106.6	FOM=	0.82	TEST=	0
INDE	4	40	36	FOBS=	37.2	SIGMA=	6.4	PHAS=	-15.3	FOM=	0.45	TEST=	0
INDE	4	40	38	FOBS=	115.7	SIGMA=	2.0	PHAS=	-148.0	FOM=	0.62	TEST=	1
INDE	4	40	40	FOBS=	258.6	SIGMA=	0.9	PHAS=	-66.0	FOM=	0.94	TEST=	0
INDE	4	40	42	FOBS=	24.8	SIGMA=	9.5	PHAS=	-96.5	FOM=	0.22	TEST=	0
INDE	4	40	44	FOBS=	95.0	SIGMA=	1.8	PHAS=	88.1	FOM=	0.88	TEST=	0
INDE	4	40	46	FOBS=	58.4	SIGMA=	2.6	PHAS=	84.8	FOM=	0.91	TEST=	0
INDE	4	40	48	FOBS=	30.5	SIGMA=	4.9	PHAS=	-39.5	FOM=	0.36	TEST=	0
INDE	4	40	50	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	40	52	FOBS=	49.0	SIGMA=	3.5	PHAS=	-21.9	FOM=	0.69	TEST=	0
INDE	4	40	54	FOBS=	74.5	SIGMA=	2.4	PHAS=	124.9	FOM=	0.84	TEST=	0
INDE	4	40	56	FOBS=	22.4	SIGMA=	7.6	PHAS=	-102.4	FOM=	0.67	TEST=	0
INDE	4	40	58	FOBS=	22.2	SIGMA=	9.4	PHAS=	50.0	FOM=	0.42	TEST=	0
INDE	4	40	60	FOBS=	35.3	SIGMA=	6.0	PHAS=	36.1	FOM=	0.70	TEST=	0
INDE	4	40	62	FOBS=	32.4	SIGMA=	5.7	PHAS=	107.6	FOM=	0.47	TEST=	0
INDE	4	40	64	FOBS=	82.7	SIGMA=	2.3	PHAS=	30.6	FOM=	0.90	TEST=	0
INDE	4	40	66	FOBS=	30.1	SIGMA=	13.2	PHAS=	-148.2	FOM=	0.74	TEST=	0
INDE	4	41	5	FOBS=	115.2	SIGMA=	1.7	PHAS=	-4.1	FOM=	0.94	TEST=	0
INDE	4	41	9	FOBS=	147.5	SIGMA=	1.1	PHAS=	-43.3	FOM=	0.95	TEST=	0
INDE	4	41	11	FOBS=	237.8	SIGMA=	0.8	PHAS=	36.5	FOM=	0.97	TEST=	0
INDE	4	41	13	FOBS=	115.2	SIGMA=	1.6	PHAS=	-169.7	FOM=	0.95	TEST=	0
INDE	4	41	15	FOBS=	196.4	SIGMA=	1.1	PHAS=	-94.9	FOM=	0.96	TEST=	0
INDE	4	41	17	FOBS=	203.5	SIGMA=	1.1	PHAS=	158.3	FOM=	0.71	TEST=	0
INDE	4	41	19	FOBS=	142.2	SIGMA=	1.6	PHAS=	70.8	FOM=	0.35	TEST=	0
INDE	4	41	21	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	41	23	FOBS=	194.6	SIGMA=	2.0	PHAS=	71.7	FOM=	0.95	TEST=	0
INDE	4	41	25	FOBS=	71.2	SIGMA=	5.0	PHAS=	19.6	FOM=	0.37	TEST=	0
INDE	4	41	27	FOBS=	64.1	SIGMA=	5.5	PHAS=	131.3	FOM=	0.13	TEST=	0
INDE	4	41	29	FOBS=	200.3	SIGMA=	1.9	PHAS=	-99.3	FOM=	0.87	TEST=	0
INDE	4	41	31	FOBS=	93.1	SIGMA=	3.7	PHAS=	-49.7	FOM=	0.80	TEST=	0
INDE	4	41	33	FOBS=	228.6	SIGMA=	1.3	PHAS=	9.6	FOM=	0.95	TEST=	0
INDE	4	41	35	FOBS=	71.3	SIGMA=	3.4	PHAS=	75.8	FOM=	0.63	TEST=	0
INDE	4	41	37	FOBS=	176.5	SIGMA=	1.5	PHAS=	68.2	FOM=	0.91	TEST=	0
INDE	4	41	39	FOBS=	102.7	SIGMA=	2.0	PHAS=	166.3	FOM=	0.90	TEST=	0
INDE	4	41	41	FOBS=	102.0	SIGMA=	1.9	PHAS=	-26.3	FOM=	0.86	TEST=	0
INDE	4	41	43	FOBS=	113.9	SIGMA=	1.7	PHAS=	135.4	FOM=	0.84	TEST=	0
INDE	4	41	45	FOBS=	0.0	SIGMA=	17.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	41	47	FOBS=	22.1	SIGMA=	7.2	PHAS=	9.3	FOM=	0.25	TEST=	0
INDE	4	41	49	FOBS=	54.7	SIGMA=	2.7	PHAS=	36.8	FOM=	0.64	TEST=	0
INDE	4	41	51	FOBS=	40.8	SIGMA=	4.6	PHAS=	-150.3	FOM=	0.42	TEST=	0
INDE	4	41	53	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	41	55	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	41	57	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	41	59	FOBS=	50.5	SIGMA=	3.7	PHAS=	-82.8	FOM=	0.66	TEST=	0
INDE	4	41	61	FOBS=	9.5	SIGMA=	20.3	PHAS=	-158.1	FOM=	0.05	TEST=	0
INDE	4	41	63	FOBS=	94.2	SIGMA=	2.1	PHAS=	-75.9	FOM=	0.91	TEST=	0
INDE	4	41	65	FOBS=	98.7	SIGMA=	2.6	PHAS=	10.2	FOM=	0.93	TEST=	0
INDE	4	42	4	FOBS=	109.0	SIGMA=	1.9	PHAS=	-37.2	FOM=	0.95	TEST=	0
INDE	4	42	10	FOBS=	134.5	SIGMA=	1.3	PHAS=	-72.2	FOM=	0.93	TEST=	0
INDE	4	42	12	FOBS=	310.7	SIGMA=	0.6	PHAS=	-159.3	FOM=	0.98	TEST=	0
INDE	4	42	14	FOBS=	73.8	SIGMA=	2.6	PHAS=	97.0	FOM=	0.81	TEST=	0
INDE	4	42	16	FOBS=	215.8	SIGMA=	1.1	PHAS=	82.6	FOM=	0.94	TEST=	0
INDE	4	42	18	FOBS=	248.7	SIGMA=	1.2	PHAS=	130.3	FOM=	0.94	TEST=	0
INDE	4	42	20	FOBS=	158.4	SIGMA=	1.5	PHAS=	-90.5	FOM=	0.86	TEST=	0
INDE	4	42	22	FOBS=	54.4	SIGMA=	5.0	PHAS=	-61.7	FOM=	0.84	TEST=	0
INDE	4	42	24	FOBS=	135.5	SIGMA=	2.8	PHAS=	24.2	FOM=	0.86	TEST=	0
INDE	4	42	26	FOBS=	153.1	SIGMA=	2.5	PHAS=	50.8	FOM=	0.92	TEST=	0
INDE	4	42	28	FOBS=	203.3	SIGMA=	1.9	PHAS=	76.4	FOM=	0.89	TEST=	0

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INDE	4	42	30	FOBS=	121.8	SIGMA=	2.9	PHAS=	-141.5	FOM=	0.78	TEST=	0
INDE	4	42	32	FOBS=	164.4	SIGMA=	2.2	PHAS=	154.9	FOM=	0.91	TEST=	0
INDE	4	42	34	FOBS=	71.5	SIGMA=	3.1	PHAS=	-73.7	FOM=	0.73	TEST=	0
INDE	4	42	36	FOBS=	83.0	SIGMA=	2.9	PHAS=	38.4	FOM=	0.72	TEST=	0
INDE	4	42	38	FOBS=	173.1	SIGMA=	1.4	PHAS=	37.0	FOM=	0.97	TEST=	0
INDE	4	42	40	FOBS=	75.3	SIGMA=	2.7	PHAS=	-122.8	FOM=	0.66	TEST=	0
INDE	4	42	42	FOBS=	98.3	SIGMA=	1.9	PHAS=	-43.9	FOM=	0.55	TEST=	1
INDE	4	42	44	FOBS=	88.5	SIGMA=	1.9	PHAS=	-37.2	FOM=	0.91	TEST=	0
INDE	4	42	46	FOBS=	68.8	SIGMA=	2.2	PHAS=	2.2	FOM=	0.13	TEST=	1
INDE	4	42	48	FOBS=	58.4	SIGMA=	2.6	PHAS=	-89.0	FOM=	0.92	TEST=	0
INDE	4	42	50	FOBS=	22.5	SIGMA=	7.5	PHAS=	-77.2	FOM=	0.15	TEST=	0
INDE	4	42	52	FOBS=	56.1	SIGMA=	3.1	PHAS=	74.5	FOM=	0.86	TEST=	0
INDE	4	42	54	FOBS=	39.6	SIGMA=	4.6	PHAS=	165.9	FOM=	0.73	TEST=	0
INDE	4	42	56	FOBS=	87.1	SIGMA=	2.0	PHAS=	-117.4	FOM=	0.92	TEST=	0
INDE	4	42	58	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	42	60	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	42	62	FOBS=	43.2	SIGMA=	4.4	PHAS=	69.5	FOM=	0.80	TEST=	0
INDE	4	42	64	FOBS=	99.4	SIGMA=	2.5	PHAS=	-169.1	FOM=	0.93	TEST=	0
INDE	4	43	5	FOBS=	162.8	SIGMA=	1.4	PHAS=	102.1	FOM=	0.79	TEST=	0
INDE	4	43	9	FOBS=	177.2	SIGMA=	1.0	PHAS=	-131.6	FOM=	0.96	TEST=	0
INDE	4	43	11	FOBS=	445.7	SIGMA=	0.9	PHAS=	151.3	FOM=	0.98	TEST=	0
INDE	4	43	13	FOBS=	193.2	SIGMA=	0.8	PHAS=	105.8	FOM=	0.91	TEST=	0
INDE	4	43	15	FOBS=	140.6	SIGMA=	1.5	PHAS=	29.1	FOM=	0.97	TEST=	0
INDE	4	43	17	FOBS=	291.2	SIGMA=	1.1	PHAS=	-43.8	FOM=	0.93	TEST=	0
INDE	4	43	19	FOBS=	141.4	SIGMA=	2.0	PHAS=	-123.6	FOM=	0.93	TEST=	0
INDE	4	43	21	FOBS=	95.7	SIGMA=	2.5	PHAS=	-87.7	FOM=	0.82	TEST=	0
INDE	4	43	23	FOBS=	171.4	SIGMA=	2.3	PHAS=	-105.6	FOM=	0.89	TEST=	0
INDE	4	43	25	FOBS=	157.7	SIGMA=	2.4	PHAS=	-48.8	FOM=	0.91	TEST=	0
INDE	4	43	27	FOBS=	96.9	SIGMA=	3.7	PHAS=	-39.9	FOM=	0.79	TEST=	0
INDE	4	43	29	FOBS=	62.8	SIGMA=	5.5	PHAS=	111.0	FOM=	0.49	TEST=	0
INDE	4	43	31	FOBS=	99.6	SIGMA=	3.5	PHAS=	80.8	FOM=	0.76	TEST=	0
INDE	4	43	33	FOBS=	175.7	SIGMA=	1.8	PHAS=	18.0	FOM=	0.93	TEST=	0
INDE	4	43	35	FOBS=	148.9	SIGMA=	1.7	PHAS=	51.2	FOM=	0.89	TEST=	0
INDE	4	43	37	FOBS=	154.5	SIGMA=	1.6	PHAS=	-7.0	FOM=	0.89	TEST=	0
INDE	4	43	39	FOBS=	72.3	SIGMA=	2.8	PHAS=	9.2	FOM=	0.39	TEST=	0
INDE	4	43	41	FOBS=	33.7	SIGMA=	6.5	PHAS=	-9.4	FOM=	0.57	TEST=	0
INDE	4	43	43	FOBS=	73.7	SIGMA=	2.5	PHAS=	-154.6	FOM=	0.80	TEST=	0
INDE	4	43	45	FOBS=	75.7	SIGMA=	2.1	PHAS=	142.8	FOM=	0.72	TEST=	0
INDE	4	43	47	FOBS=	60.1	SIGMA=	2.5	PHAS=	45.5	FOM=	0.77	TEST=	0
INDE	4	43	49	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	43	51	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	4	43	53	FOBS=	46.9	SIGMA=	3.7	PHAS=	63.5	FOM=	0.78	TEST=	0
INDE	4	43	55	FOBS=	149.9	SIGMA=	1.3	PHAS=	86.5	FOM=	0.94	TEST=	0
INDE	4	43	57	FOBS=	105.7	SIGMA=	1.7	PHAS=	178.6	FOM=	0.94	TEST=	0
INDE	4	43	59	FOBS=	42.9	SIGMA=	4.4	PHAS=	-76.2	FOM=	0.79	TEST=	0
INDE	4	43	61	FOBS=	8.5	SIGMA=	30.7	PHAS=	1.0	FOM=	0.21	TEST=	0
INDE	4	43	63	FOBS=	85.4	SIGMA=	2.7	PHAS=	-11.9	FOM=	0.81	TEST=	0
INDE	4	44	4	FOBS=	42.1	SIGMA=	5.4	PHAS=	-14.5	FOM=	0.67	TEST=	0
INDE	4	44	10	FOBS=	164.6	SIGMA=	1.1	PHAS=	-1.6	FOM=	0.94	TEST=	0
INDE	4	44	12	FOBS=	178.0	SIGMA=	0.9	PHAS=	-24.8	FOM=	0.95	TEST=	1
INDE	4	44	14	FOBS=	49.9	SIGMA=	3.0	PHAS=	28.6	FOM=	0.92	TEST=	0
INDE	4	44	16	FOBS=	207.8	SIGMA=	1.2	PHAS=	20.4	FOM=	0.90	TEST=	0
INDE	4	44	18	FOBS=	126.9	SIGMA=	1.9	PHAS=	-170.7	FOM=	0.97	TEST=	0
INDE	4	44	20	FOBS=	186.0	SIGMA=	1.4	PHAS=	111.2	FOM=	0.68	TEST=	0
INDE	4	44	22	FOBS=	85.2	SIGMA=	2.9	PHAS=	-82.0	FOM=	0.87	TEST=	0
INDE	4	44	24	FOBS=	299.9	SIGMA=	1.5	PHAS=	169.7	FOM=	0.97	TEST=	0
INDE	4	44	26	FOBS=	150.9	SIGMA=	2.5	PHAS=	80.8	FOM=	0.79	TEST=	0
INDE	4	44	28	FOBS=	265.0	SIGMA=	1.6	PHAS=	30.6	FOM=	0.96	TEST=	0
INDE	4	44	30	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	44	32	FOBS=	113.3	SIGMA=	3.0	PHAS=	-141.6	FOM=	0.91	TEST=	0
INDE	4	44	34	FOBS=	129.5	SIGMA=	2.1	PHAS=	-48.3	FOM=	0.91	TEST=	0
INDE	4	44	36	FOBS=	103.3	SIGMA=	2.4	PHAS=	28.7	FOM=	0.73	TEST=	0
INDE	4	44	38	FOBS=	50.2	SIGMA=	4.3	PHAS=	-55.7	FOM=	0.51	TEST=	0
INDE	4	44	40	FOBS=	71.4	SIGMA=	2.8	PHAS=	174.5	FOM=	0.75	TEST=	0
INDE	4	44	42	FOBS=	40.5	SIGMA=	4.5	PHAS=	-78.8	FOM=	0.57	TEST=	0
INDE	4	44	44	FOBS=	101.0	SIGMA=	1.7	PHAS=	43.3	FOM=	0.79	TEST=	0
INDE	4	44	46	FOBS=	71.3	SIGMA=	2.2	PHAS=	50.8	FOM=	0.91	TEST=	0
INDE	4	44	48	FOBS=	88.5	SIGMA=	1.7	PHAS=	-20.7	FOM=	0.92	TEST=	0
INDE	4	44	50	FOBS=	44.6	SIGMA=	4.1	PHAS=	144.3	FOM=	0.69	TEST=	0
INDE	4	44	52	FOBS=	72.9	SIGMA=	2.4	PHAS=	9.8	FOM=	0.77	TEST=	0

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INDE 4 44 54 FOBS= 59.3 SIGMA= 3.0 PHAS= -64.9 FOM= 0.83 TEST= 0
INDE 4 44 56 FOBS= 105.2 SIGMA= 1.7 PHAS= 60.6 FOM= 0.93 TEST= 0
INDE 4 44 58 FOBS= 0.0 SIGMA= 19.3 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 4 44 60 FOBS= 54.3 SIGMA= 3.3 PHAS= -138.2 FOM= 0.73 TEST= 0
INDE 4 44 62 FOBS= 18.4 SIGMA= 15.0 PHAS= -85.2 FOM= 0.25 TEST= 0
INDE 4 44 64 FOBS= 12.3 SIGMA= 45.2 PHAS= 131.1 FOM= 0.28 TEST= 0
INDE 4 45 5 FOBS= 209.0 SIGMA= 1.3 PHAS= 155.1 FOM= 0.95 TEST= 0
INDE 4 45 11 FOBS= 146.0 SIGMA= 1.3 PHAS= -122.9 FOM= 0.95 TEST= 0
INDE 4 45 13 FOBS= 170.2 SIGMA= 1.0 PHAS= -178.3 FOM= 0.98 TEST= 0
INDE 4 45 15 FOBS= 222.1 SIGMA= 0.8 PHAS= -148.6 FOM= 0.94 TEST= 0
INDE 4 45 17 FOBS= 265.3 SIGMA= 1.1 PHAS= -98.7 FOM= 0.95 TEST= 0
INDE 4 45 19 FOBS= 142.0 SIGMA= 1.8 PHAS= 85.6 FOM= 0.79 TEST= 0
INDE 4 45 21 FOBS= 207.7 SIGMA= 1.3 PHAS= -49.0 FOM= 0.38 TEST= 1
INDE 4 45 23 FOBS= 85.6 SIGMA= 2.8 PHAS= 69.4 FOM= 0.62 TEST= 0
INDE 4 45 25 FOBS= 140.1 SIGMA= 2.7 PHAS= 39.3 FOM= 0.92 TEST= 0
INDE 4 45 27 FOBS= 146.0 SIGMA= 2.5 PHAS= 40.5 FOM= 0.18 TEST= 1
INDE 4 45 29 FOBS= 89.6 SIGMA= 3.8 PHAS= -84.9 FOM= 0.84 TEST= 0
INDE 4 45 31 FOBS= 30.2 SIGMA= 11.0 PHAS= 150.4 FOM= 0.27 TEST= 0
INDE 4 45 33 FOBS= 148.4 SIGMA= 2.4 PHAS= 12.5 FOM= 0.91 TEST= 0
INDE 4 45 35 FOBS= 80.1 SIGMA= 3.2 PHAS= -108.4 FOM= 0.77 TEST= 0
INDE 4 45 37 FOBS= 60.1 SIGMA= 3.9 PHAS= -7.7 FOM= 0.30 TEST= 0
INDE 4 45 39 FOBS= 0.0 SIGMA= 20.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 4 45 41 FOBS= 120.4 SIGMA= 1.6 PHAS= 116.1 FOM= 0.92 TEST= 0
INDE 4 45 43 FOBS= 53.4 SIGMA= 3.5 PHAS= -51.6 FOM= 0.20 TEST= 1
INDE 4 45 45 FOBS= 95.3 SIGMA= 1.7 PHAS= 4.0 FOM= 0.86 TEST= 0
INDE 4 45 47 FOBS= 41.1 SIGMA= 3.9 PHAS= -128.9 FOM= 0.65 TEST= 0
INDE 4 45 49 FOBS= 39.6 SIGMA= 4.0 PHAS= -173.2 FOM= 0.46 TEST= 0
INDE 4 45 51 FOBS= 101.8 SIGMA= 1.8 PHAS= 10.4 FOM= 0.91 TEST= 0
INDE 4 45 53 FOBS= 18.2 SIGMA= 10.8 PHAS= -58.5 FOM= 0.03 TEST= 0
INDE 4 45 55 FOBS= 39.8 SIGMA= 5.0 PHAS= 47.4 FOM= 0.67 TEST= 0
INDE 4 45 57 FOBS= 0.0 SIGMA= 20.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 4 45 59 FOBS= 53.2 SIGMA= 3.4 PHAS= 156.0 FOM= 0.15 TEST= 1
INDE 4 45 61 FOBS= 37.0 SIGMA= 5.9 PHAS= 69.6 FOM= 0.75 TEST= 0
INDE 4 45 63 FOBS= 85.3 SIGMA= 3.3 PHAS= 23.1 FOM= 0.87 TEST= 0
INDE 4 46 4 FOBS= 242.6 SIGMA= 1.2 PHAS= 87.4 FOM= 0.98 TEST= 0
INDE 4 46 10 FOBS= 83.7 SIGMA= 2.3 PHAS= -156.7 FOM= 0.45 TEST= 0
INDE 4 46 12 FOBS= 126.6 SIGMA= 1.2 PHAS= 173.7 FOM= 0.98 TEST= 0
INDE 4 46 14 FOBS= 316.8 SIGMA= 0.9 PHAS= 116.0 FOM= 0.97 TEST= 0
INDE 4 46 16 FOBS= 254.0 SIGMA= 1.1 PHAS= 75.5 FOM= 0.95 TEST= 0
INDE 4 46 18 FOBS= 134.0 SIGMA= 1.8 PHAS= -130.6 FOM= 0.93 TEST= 0
INDE 4 46 20 FOBS= 49.5 SIGMA= 4.9 PHAS= 30.7 FOM= 0.33 TEST= 0
INDE 4 46 22 FOBS= 0.0 SIGMA= 23.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 4 46 24 FOBS= 194.1 SIGMA= 1.3 PHAS= -125.8 FOM= 0.90 TEST= 0
INDE 4 46 26 FOBS= 32.4 SIGMA= 10.8 PHAS= 100.9 FOM= 0.30 TEST= 0
INDE 4 46 28 FOBS= 84.3 SIGMA= 4.1 PHAS= 119.8 FOM= 0.60 TEST= 0
INDE 4 46 30 FOBS= 77.2 SIGMA= 4.4 PHAS= -143.3 FOM= 0.79 TEST= 0
INDE 4 46 32 FOBS= 92.7 SIGMA= 3.7 PHAS= -76.4 FOM= 0.57 TEST= 0
INDE 4 46 34 FOBS= 90.4 SIGMA= 3.7 PHAS= -157.2 FOM= 0.90 TEST= 0
INDE 4 46 36 FOBS= 177.3 SIGMA= 1.4 PHAS= 85.5 FOM= 0.96 TEST= 0
INDE 4 46 38 FOBS= 59.5 SIGMA= 3.4 PHAS= 49.1 FOM= 0.68 TEST= 0
INDE 4 46 40 FOBS= 65.5 SIGMA= 3.0 PHAS= 117.5 FOM= 0.62 TEST= 1
INDE 4 46 42 FOBS= 31.8 SIGMA= 5.8 PHAS= -74.1 FOM= 0.76 TEST= 0
INDE 4 46 44 FOBS= 90.5 SIGMA= 1.9 PHAS= -4.5 FOM= 0.63 TEST= 0
INDE 4 46 46 FOBS= 59.4 SIGMA= 2.6 PHAS= -141.9 FOM= 0.76 TEST= 0
INDE 4 46 48 FOBS= 0.0 SIGMA= 19.1 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 4 46 50 FOBS= 39.6 SIGMA= 4.4 PHAS= 179.9 FOM= 0.64 TEST= 0
INDE 4 46 52 FOBS= 97.1 SIGMA= 1.9 PHAS= -117.0 FOM= 0.72 TEST= 1
INDE 4 46 54 FOBS= 24.0 SIGMA= 9.9 PHAS= 58.2 FOM= 0.02 TEST= 1
INDE 4 46 56 FOBS= 56.8 SIGMA= 3.2 PHAS= 37.7 FOM= 0.76 TEST= 0
INDE 4 46 58 FOBS= 18.2 SIGMA= 10.5 PHAS= -32.0 FOM= 0.03 TEST= 1
INDE 4 46 60 FOBS= 39.5 SIGMA= 4.9 PHAS= 108.8 FOM= 0.70 TEST= 0
INDE 4 46 62 FOBS= 34.9 SIGMA= 6.9 PHAS= -45.9 FOM= 0.72 TEST= 0
INDE 4 47 5 FOBS= 157.4 SIGMA= 2.5 PHAS= 36.0 FOM= 0.95 TEST= 0
INDE 4 47 11 FOBS= 366.8 SIGMA= 0.9 PHAS= 135.6 FOM= 0.95 TEST= 0
INDE 4 47 13 FOBS= 117.2 SIGMA= 1.4 PHAS= 103.5 FOM= 0.93 TEST= 0
INDE 4 47 15 FOBS= 160.4 SIGMA= 1.1 PHAS= 88.7 FOM= 0.90 TEST= 0
INDE 4 47 17 FOBS= 292.1 SIGMA= 1.1 PHAS= -70.0 FOM= 0.96 TEST= 0
INDE 4 47 19 FOBS= 79.1 SIGMA= 3.0 PHAS= -54.5 FOM= 0.21 TEST= 0
INDE 4 47 21 FOBS= 165.6 SIGMA= 1.8 PHAS= -121.4 FOM= 0.91 TEST= 0
INDE 4 47 23 FOBS= 69.6 SIGMA= 3.4 PHAS= 35.3 FOM= 0.28 TEST= 0

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INDE	4	47	25	FOBS=	62.2	SIGMA=	3.8	PHAS=	-125.5	FOM=	0.25	TEST=	0
INDE	4	47	27	FOBS=	117.1	SIGMA=	3.1	PHAS=	41.0	FOM=	0.86	TEST=	0
INDE	4	47	29	FOBS=	55.1	SIGMA=	6.3	PHAS=	-169.4	FOM=	0.72	TEST=	0
INDE	4	47	31	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	47	33	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	47	35	FOBS=	63.3	SIGMA=	4.5	PHAS=	-90.8	FOM=	0.73	TEST=	0
INDE	4	47	37	FOBS=	143.3	SIGMA=	1.6	PHAS=	-18.6	FOM=	0.93	TEST=	0
INDE	4	47	39	FOBS=	85.6	SIGMA=	2.3	PHAS=	-44.6	FOM=	0.96	TEST=	0
INDE	4	47	41	FOBS=	87.0	SIGMA=	2.2	PHAS=	138.2	FOM=	0.94	TEST=	0
INDE	4	47	43	FOBS=	83.5	SIGMA=	2.3	PHAS=	134.4	FOM=	0.76	TEST=	0
INDE	4	47	45	FOBS=	0.0	SIGMA=	17.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	47	47	FOBS=	106.4	SIGMA=	1.5	PHAS=	172.4	FOM=	0.92	TEST=	0
INDE	4	47	49	FOBS=	48.9	SIGMA=	3.7	PHAS=	89.7	FOM=	0.82	TEST=	0
INDE	4	47	51	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	47	53	FOBS=	19.8	SIGMA=	8.9	PHAS=	-66.7	FOM=	0.13	TEST=	1
INDE	4	47	55	FOBS=	0.0	SIGMA=	24.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	47	57	FOBS=	15.6	SIGMA=	13.3	PHAS=	154.1	FOM=	0.11	TEST=	0
INDE	4	47	59	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	47	61	FOBS=	59.9	SIGMA=	4.1	PHAS=	-9.0	FOM=	0.81	TEST=	0
INDE	4	48	4	FOBS=	52.8	SIGMA=	5.0	PHAS=	166.8	FOM=	0.82	TEST=	0
INDE	4	48	10	FOBS=	201.2	SIGMA=	2.9	PHAS=	-19.4	FOM=	0.89	TEST=	0
INDE	4	48	12	FOBS=	293.6	SIGMA=	1.0	PHAS=	145.9	FOM=	0.94	TEST=	0
INDE	4	48	14	FOBS=	93.6	SIGMA=	1.8	PHAS=	20.0	FOM=	0.96	TEST=	0
INDE	4	48	16	FOBS=	151.6	SIGMA=	1.2	PHAS=	7.2	FOM=	0.91	TEST=	0
INDE	4	48	18	FOBS=	162.1	SIGMA=	1.5	PHAS=	-114.4	FOM=	0.95	TEST=	0
INDE	4	48	20	FOBS=	0.0	SIGMA=	24.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	48	22	FOBS=	59.5	SIGMA=	4.0	PHAS=	-32.8	FOM=	0.84	TEST=	0
INDE	4	48	24	FOBS=	107.9	SIGMA=	2.2	PHAS=	91.1	FOM=	0.89	TEST=	0
INDE	4	48	26	FOBS=	105.9	SIGMA=	2.3	PHAS=	-120.6	FOM=	0.86	TEST=	0
INDE	4	48	28	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	48	30	FOBS=	54.6	SIGMA=	6.4	PHAS=	84.8	FOM=	0.80	TEST=	0
INDE	4	48	32	FOBS=	101.9	SIGMA=	3.4	PHAS=	62.2	FOM=	0.94	TEST=	0
INDE	4	48	34	FOBS=	144.5	SIGMA=	2.4	PHAS=	-150.6	FOM=	0.94	TEST=	0
INDE	4	48	36	FOBS=	35.2	SIGMA=	7.1	PHAS=	-142.4	FOM=	0.27	TEST=	0
INDE	4	48	38	FOBS=	81.8	SIGMA=	2.4	PHAS=	-140.9	FOM=	0.95	TEST=	0
INDE	4	48	40	FOBS=	55.3	SIGMA=	3.6	PHAS=	166.3	FOM=	0.75	TEST=	0
INDE	4	48	42	FOBS=	89.6	SIGMA=	2.1	PHAS=	43.9	FOM=	0.93	TEST=	0
INDE	4	48	44	FOBS=	52.3	SIGMA=	3.2	PHAS=	46.9	FOM=	0.80	TEST=	0
INDE	4	48	46	FOBS=	44.9	SIGMA=	3.7	PHAS=	117.2	FOM=	0.23	TEST=	0
INDE	4	48	48	FOBS=	53.1	SIGMA=	3.0	PHAS=	77.2	FOM=	0.83	TEST=	0
INDE	4	48	50	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	48	52	FOBS=	48.2	SIGMA=	3.7	PHAS=	-157.4	FOM=	0.72	TEST=	0
INDE	4	48	54	FOBS=	63.4	SIGMA=	2.8	PHAS=	148.6	FOM=	0.90	TEST=	0
INDE	4	48	56	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	48	58	FOBS=	54.4	SIGMA=	3.6	PHAS=	-148.9	FOM=	0.05	TEST=	1
INDE	4	48	60	FOBS=	49.5	SIGMA=	4.6	PHAS=	-158.2	FOM=	0.52	TEST=	0
INDE	4	49	9	FOBS=	52.3	SIGMA=	10.4	PHAS=	17.8	FOM=	0.31	TEST=	0
INDE	4	49	11	FOBS=	149.0	SIGMA=	1.6	PHAS=	-107.3	FOM=	0.88	TEST=	0
INDE	4	49	13	FOBS=	140.8	SIGMA=	1.2	PHAS=	-126.9	FOM=	0.93	TEST=	0
INDE	4	49	15	FOBS=	90.4	SIGMA=	1.8	PHAS=	-130.4	FOM=	0.84	TEST=	0
INDE	4	49	17	FOBS=	311.7	SIGMA=	0.8	PHAS=	-142.0	FOM=	0.97	TEST=	0
INDE	4	49	19	FOBS=	145.3	SIGMA=	1.7	PHAS=	-148.5	FOM=	0.94	TEST=	0
INDE	4	49	21	FOBS=	135.3	SIGMA=	1.8	PHAS=	-86.3	FOM=	0.89	TEST=	0
INDE	4	49	23	FOBS=	211.1	SIGMA=	1.3	PHAS=	-31.7	FOM=	0.94	TEST=	0
INDE	4	49	25	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	49	27	FOBS=	52.0	SIGMA=	4.4	PHAS=	-108.3	FOM=	0.49	TEST=	0
INDE	4	49	29	FOBS=	77.1	SIGMA=	4.5	PHAS=	45.5	FOM=	0.81	TEST=	0
INDE	4	49	31	FOBS=	201.2	SIGMA=	1.9	PHAS=	-17.9	FOM=	0.96	TEST=	0
INDE	4	49	33	FOBS=	132.1	SIGMA=	2.6	PHAS=	-64.3	FOM=	0.93	TEST=	0
INDE	4	49	35	FOBS=	76.9	SIGMA=	4.3	PHAS=	140.2	FOM=	0.76	TEST=	0
INDE	4	49	37	FOBS=	35.8	SIGMA=	7.0	PHAS=	130.0	FOM=	0.78	TEST=	0
INDE	4	49	39	FOBS=	26.2	SIGMA=	10.1	PHAS=	166.4	FOM=	0.59	TEST=	0
INDE	4	49	41	FOBS=	18.7	SIGMA=	10.2	PHAS=	177.8	FOM=	0.13	TEST=	0
INDE	4	49	43	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	4	49	45	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	49	47	FOBS=	20.7	SIGMA=	8.9	PHAS=	144.4	FOM=	0.06	TEST=	0
INDE	4	49	49	FOBS=	87.8	SIGMA=	2.1	PHAS=	53.4	FOM=	0.76	TEST=	0
INDE	4	49	51	FOBS=	63.2	SIGMA=	2.8	PHAS=	120.5	FOM=	0.84	TEST=	0
INDE	4	49	53	FOBS=	91.1	SIGMA=	2.0	PHAS=	51.2	FOM=	0.89	TEST=	0
INDE	4	49	55	FOBS=	33.5	SIGMA=	5.4	PHAS=	87.5	FOM=	0.80	TEST=	0

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INDE	4	49	57	FOBS=	49.0	SIGMA=	3.8	PHAS=	95.7	FOM=	0.31	TEST=	0
INDE	4	49	59	FOBS=	27.6	SIGMA=	9.2	PHAS=	34.4	FOM=	0.33	TEST=	0
INDE	4	50	4	FOBS=	172.3	SIGMA=	1.1	PHAS=	-153.0	FOM=	0.58	TEST=	1
INDE	4	50	10	FOBS=	55.1	SIGMA=	9.8	PHAS=	-129.4	FOM=	0.26	TEST=	0
INDE	4	50	12	FOBS=	145.1	SIGMA=	1.3	PHAS=	129.9	FOM=	0.78	TEST=	1
INDE	4	50	14	FOBS=	0.0	SIGMA=	17.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	50	16	FOBS=	106.7	SIGMA=	1.6	PHAS=	119.9	FOM=	0.84	TEST=	0
INDE	4	50	18	FOBS=	120.1	SIGMA=	1.5	PHAS=	118.3	FOM=	0.90	TEST=	0
INDE	4	50	20	FOBS=	52.4	SIGMA=	4.3	PHAS=	104.5	FOM=	0.73	TEST=	0
INDE	4	50	22	FOBS=	197.4	SIGMA=	1.3	PHAS=	-125.0	FOM=	0.94	TEST=	0
INDE	4	50	24	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	4	50	26	FOBS=	70.3	SIGMA=	3.4	PHAS=	-82.7	FOM=	0.90	TEST=	0
INDE	4	50	28	FOBS=	63.2	SIGMA=	5.4	PHAS=	-58.4	FOM=	0.28	TEST=	0
INDE	4	50	30	FOBS=	129.8	SIGMA=	2.7	PHAS=	-63.2	FOM=	0.84	TEST=	0
INDE	4	50	32	FOBS=	53.1	SIGMA=	6.2	PHAS=	-119.0	FOM=	0.39	TEST=	0
INDE	4	50	34	FOBS=	94.2	SIGMA=	3.6	PHAS=	-170.6	FOM=	0.89	TEST=	0
INDE	4	50	36	FOBS=	114.1	SIGMA=	2.6	PHAS=	32.1	FOM=	0.85	TEST=	0
INDE	4	50	38	FOBS=	47.1	SIGMA=	4.1	PHAS=	-165.3	FOM=	0.67	TEST=	0
INDE	4	50	40	FOBS=	27.7	SIGMA=	7.4	PHAS=	48.7	FOM=	0.50	TEST=	0
INDE	4	50	42	FOBS=	19.3	SIGMA=	10.5	PHAS=	45.5	FOM=	0.30	TEST=	0
INDE	4	50	44	FOBS=	70.7	SIGMA=	2.4	PHAS=	-81.0	FOM=	0.78	TEST=	0
INDE	4	50	46	FOBS=	49.1	SIGMA=	3.2	PHAS=	54.3	FOM=	0.50	TEST=	0
INDE	4	50	48	FOBS=	45.6	SIGMA=	4.5	PHAS=	126.6	FOM=	0.61	TEST=	0
INDE	4	50	50	FOBS=	9.5	SIGMA=	22.4	PHAS=	-131.9	FOM=	0.01	TEST=	1
INDE	4	50	52	FOBS=	29.0	SIGMA=	6.7	PHAS=	-149.9	FOM=	0.22	TEST=	0
INDE	4	50	54	FOBS=	10.6	SIGMA=	17.8	PHAS=	-46.3	FOM=	0.16	TEST=	0
INDE	4	50	56	FOBS=	56.5	SIGMA=	3.3	PHAS=	-80.9	FOM=	0.79	TEST=	0
INDE	4	50	58	FOBS=	73.4	SIGMA=	3.1	PHAS=	14.4	FOM=	0.11	TEST=	1
INDE	4	51	9	FOBS=	89.9	SIGMA=	5.9	PHAS=	93.7	FOM=	0.46	TEST=	0
INDE	4	51	11	FOBS=	201.5	SIGMA=	2.1	PHAS=	168.2	FOM=	0.86	TEST=	0
INDE	4	51	13	FOBS=	121.9	SIGMA=	1.6	PHAS=	-134.0	FOM=	0.85	TEST=	0
INDE	4	51	15	FOBS=	134.9	SIGMA=	1.2	PHAS=	5.7	FOM=	0.77	TEST=	0
INDE	4	51	17	FOBS=	112.2	SIGMA=	1.5	PHAS=	155.8	FOM=	0.46	TEST=	1
INDE	4	51	19	FOBS=	97.6	SIGMA=	1.8	PHAS=	12.4	FOM=	0.10	TEST=	0
INDE	4	51	21	FOBS=	59.1	SIGMA=	3.8	PHAS=	-150.6	FOM=	0.65	TEST=	0
INDE	4	51	23	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	51	25	FOBS=	47.7	SIGMA=	4.9	PHAS=	161.7	FOM=	0.20	TEST=	0
INDE	4	51	27	FOBS=	77.0	SIGMA=	3.1	PHAS=	37.2	FOM=	0.71	TEST=	0
INDE	4	51	29	FOBS=	46.0	SIGMA=	7.4	PHAS=	141.4	FOM=	0.62	TEST=	0
INDE	4	51	31	FOBS=	30.9	SIGMA=	10.8	PHAS=	39.9	FOM=	0.48	TEST=	0
INDE	4	51	33	FOBS=	51.3	SIGMA=	6.4	PHAS=	79.0	FOM=	0.62	TEST=	0
INDE	4	51	35	FOBS=	68.5	SIGMA=	4.9	PHAS=	21.4	FOM=	0.60	TEST=	0
INDE	4	51	37	FOBS=	86.0	SIGMA=	2.6	PHAS=	-16.9	FOM=	0.79	TEST=	0
INDE	4	51	39	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	51	41	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	51	43	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	51	45	FOBS=	0.0	SIGMA=	18.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	51	47	FOBS=	43.5	SIGMA=	3.7	PHAS=	-155.8	FOM=	0.50	TEST=	0
INDE	4	51	49	FOBS=	74.1	SIGMA=	2.5	PHAS=	-88.0	FOM=	0.68	TEST=	0
INDE	4	51	51	FOBS=	102.2	SIGMA=	1.9	PHAS=	61.7	FOM=	0.90	TEST=	0
INDE	4	51	53	FOBS=	72.8	SIGMA=	2.5	PHAS=	151.6	FOM=	0.04	TEST=	0
INDE	4	51	55	FOBS=	48.8	SIGMA=	4.0	PHAS=	159.9	FOM=	0.77	TEST=	0
INDE	4	51	57	FOBS=	50.2	SIGMA=	4.6	PHAS=	132.4	FOM=	0.83	TEST=	0
INDE	4	52	4	FOBS=	174.9	SIGMA=	1.6	PHAS=	-174.5	FOM=	0.65	TEST=	0
INDE	4	52	8	FOBS=	53.5	SIGMA=	10.0	PHAS=	5.5	FOM=	0.12	TEST=	0
INDE	4	52	10	FOBS=	96.4	SIGMA=	4.0	PHAS=	77.1	FOM=	0.49	TEST=	0
INDE	4	52	12	FOBS=	291.9	SIGMA=	0.9	PHAS=	129.4	FOM=	0.98	TEST=	0
INDE	4	52	14	FOBS=	36.2	SIGMA=	5.7	PHAS=	17.3	FOM=	0.49	TEST=	0
INDE	4	52	16	FOBS=	67.8	SIGMA=	2.4	PHAS=	177.0	FOM=	0.76	TEST=	0
INDE	4	52	18	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	52	20	FOBS=	58.2	SIGMA=	2.9	PHAS=	-33.8	FOM=	0.49	TEST=	0
INDE	4	52	22	FOBS=	77.1	SIGMA=	3.0	PHAS=	-62.4	FOM=	0.59	TEST=	1
INDE	4	52	24	FOBS=	114.1	SIGMA=	2.1	PHAS=	-61.7	FOM=	0.94	TEST=	0
INDE	4	52	26	FOBS=	108.5	SIGMA=	2.2	PHAS=	-14.9	FOM=	0.15	TEST=	1
INDE	4	52	28	FOBS=	86.6	SIGMA=	2.7	PHAS=	7.7	FOM=	0.85	TEST=	0
INDE	4	52	30	FOBS=	88.7	SIGMA=	3.9	PHAS=	19.7	FOM=	0.82	TEST=	0
INDE	4	52	32	FOBS=	111.5	SIGMA=	3.1	PHAS=	-1.8	FOM=	0.74	TEST=	0
INDE	4	52	34	FOBS=	111.2	SIGMA=	3.1	PHAS=	-107.7	FOM=	0.93	TEST=	0
INDE	4	52	36	FOBS=	35.7	SIGMA=	9.9	PHAS=	66.8	FOM=	0.47	TEST=	0
INDE	4	52	38	FOBS=	77.5	SIGMA=	2.7	PHAS=	85.6	FOM=	0.83	TEST=	0

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INDE	4	52	40	FOBS=	47.1	SIGMA=	4.1	PHAS=	-86.9	FOM=	0.39	TEST=	0
INDE	4	52	42	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	4	52	44	FOBS=	62.8	SIGMA=	2.6	PHAS=	-122.7	FOM=	0.40	TEST=	0
INDE	4	52	46	FOBS=	37.6	SIGMA=	5.0	PHAS=	-43.2	FOM=	0.28	TEST=	0
INDE	4	52	48	FOBS=	116.5	SIGMA=	1.7	PHAS=	123.5	FOM=	0.92	TEST=	0
INDE	4	52	50	FOBS=	20.7	SIGMA=	8.8	PHAS=	-107.7	FOM=	0.50	TEST=	0
INDE	4	52	52	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	52	54	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	4	52	56	FOBS=	75.7	SIGMA=	3.1	PHAS=	-43.2	FOM=	0.83	TEST=	0
INDE	4	53	5	FOBS=	121.8	SIGMA=	1.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	4	53	9	FOBS=	0.0	SIGMA=	32.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	53	11	FOBS=	82.0	SIGMA=	4.6	PHAS=	73.1	FOM=	0.56	TEST=	0
INDE	4	53	13	FOBS=	210.2	SIGMA=	1.2	PHAS=	-2.6	FOM=	0.95	TEST=	0
INDE	4	53	15	FOBS=	225.0	SIGMA=	0.9	PHAS=	-20.6	FOM=	0.85	TEST=	0
INDE	4	53	17	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	53	19	FOBS=	67.3	SIGMA=	2.6	PHAS=	-172.4	FOM=	0.75	TEST=	0
INDE	4	53	21	FOBS=	127.0	SIGMA=	1.8	PHAS=	138.0	FOM=	0.86	TEST=	0
INDE	4	53	23	FOBS=	74.6	SIGMA=	3.1	PHAS=	127.5	FOM=	0.50	TEST=	0
INDE	4	53	25	FOBS=	189.2	SIGMA=	1.4	PHAS=	-148.9	FOM=	0.94	TEST=	0
INDE	4	53	27	FOBS=	137.4	SIGMA=	1.8	PHAS=	20.3	FOM=	0.83	TEST=	0
INDE	4	53	29	FOBS=	99.5	SIGMA=	2.4	PHAS=	-28.8	FOM=	0.12	TEST=	1
INDE	4	53	31	FOBS=	75.6	SIGMA=	4.5	PHAS=	-48.2	FOM=	0.15	TEST=	0
INDE	4	53	33	FOBS=	35.7	SIGMA=	9.2	PHAS=	169.9	FOM=	0.60	TEST=	0
INDE	4	53	35	FOBS=	26.0	SIGMA=	13.6	PHAS=	-26.8	FOM=	0.53	TEST=	0
INDE	4	53	37	FOBS=	137.2	SIGMA=	1.9	PHAS=	-31.0	FOM=	0.94	TEST=	0
INDE	4	53	39	FOBS=	46.2	SIGMA=	4.4	PHAS=	-66.0	FOM=	0.74	TEST=	0
INDE	4	53	41	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	53	43	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	53	45	FOBS=	81.4	SIGMA=	2.0	PHAS=	138.7	FOM=	0.84	TEST=	0
INDE	4	53	47	FOBS=	74.4	SIGMA=	2.6	PHAS=	111.2	FOM=	0.62	TEST=	0
INDE	4	53	49	FOBS=	20.9	SIGMA=	9.4	PHAS=	164.7	FOM=	0.25	TEST=	0
INDE	4	53	51	FOBS=	45.8	SIGMA=	4.1	PHAS=	18.4	FOM=	0.51	TEST=	0
INDE	4	53	53	FOBS=	52.3	SIGMA=	3.6	PHAS=	7.8	FOM=	0.82	TEST=	0
INDE	4	53	55	FOBS=	110.0	SIGMA=	2.4	PHAS=	174.2	FOM=	0.94	TEST=	0
INDE	4	54	8	FOBS=	140.6	SIGMA=	3.9	PHAS=	76.7	FOM=	0.60	TEST=	0
INDE	4	54	10	FOBS=	129.3	SIGMA=	3.0	PHAS=	-16.2	FOM=	0.79	TEST=	0
INDE	4	54	12	FOBS=	108.6	SIGMA=	3.6	PHAS=	-113.1	FOM=	0.87	TEST=	0
INDE	4	54	14	FOBS=	129.6	SIGMA=	1.5	PHAS=	-111.3	FOM=	0.91	TEST=	0
INDE	4	54	16	FOBS=	61.9	SIGMA=	2.5	PHAS=	-140.2	FOM=	0.32	TEST=	0
INDE	4	54	18	FOBS=	154.0	SIGMA=	1.1	PHAS=	-148.3	FOM=	0.91	TEST=	0
INDE	4	54	20	FOBS=	49.9	SIGMA=	3.5	PHAS=	52.3	FOM=	0.53	TEST=	0
INDE	4	54	22	FOBS=	48.4	SIGMA=	4.6	PHAS=	26.7	FOM=	0.58	TEST=	0
INDE	4	54	24	FOBS=	19.7	SIGMA=	11.5	PHAS=	33.3	FOM=	0.45	TEST=	0
INDE	4	54	26	FOBS=	64.7	SIGMA=	3.6	PHAS=	-68.3	FOM=	0.52	TEST=	1
INDE	4	54	28	FOBS=	63.5	SIGMA=	3.7	PHAS=	-116.3	FOM=	0.78	TEST=	0
INDE	4	54	30	FOBS=	95.5	SIGMA=	2.5	PHAS=	47.8	FOM=	0.85	TEST=	0
INDE	4	54	32	FOBS=	60.8	SIGMA=	5.5	PHAS=	104.2	FOM=	0.83	TEST=	0
INDE	4	54	34	FOBS=	95.7	SIGMA=	3.0	PHAS=	-124.2	FOM=	0.90	TEST=	0
INDE	4	54	36	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	54	38	FOBS=	93.5	SIGMA=	2.7	PHAS=	120.1	FOM=	0.94	TEST=	0
INDE	4	54	40	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	4	54	42	FOBS=	61.9	SIGMA=	3.0	PHAS=	-86.6	FOM=	0.85	TEST=	0
INDE	4	54	44	FOBS=	103.6	SIGMA=	1.6	PHAS=	-136.5	FOM=	0.81	TEST=	0
INDE	4	54	46	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	54	48	FOBS=	36.3	SIGMA=	5.1	PHAS=	100.2	FOM=	0.45	TEST=	0
INDE	4	54	50	FOBS=	13.4	SIGMA=	15.5	PHAS=	-141.2	FOM=	0.26	TEST=	0
INDE	4	54	52	FOBS=	41.9	SIGMA=	4.8	PHAS=	-35.7	FOM=	0.76	TEST=	0
INDE	4	54	54	FOBS=	32.4	SIGMA=	8.6	PHAS=	-39.2	FOM=	0.23	TEST=	0
INDE	4	55	5	FOBS=	189.2	SIGMA=	1.4	PHAS=	174.5	FOM=	0.99	TEST=	0
INDE	4	55	7	FOBS=	131.2	SIGMA=	4.1	PHAS=	10.8	FOM=	0.71	TEST=	0
INDE	4	55	9	FOBS=	158.3	SIGMA=	2.5	PHAS=	-152.1	FOM=	0.83	TEST=	0
INDE	4	55	11	FOBS=	143.3	SIGMA=	2.7	PHAS=	-109.4	FOM=	0.91	TEST=	0
INDE	4	55	13	FOBS=	171.2	SIGMA=	2.3	PHAS=	88.1	FOM=	0.96	TEST=	0
INDE	4	55	15	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	55	17	FOBS=	70.6	SIGMA=	2.2	PHAS=	176.4	FOM=	0.86	TEST=	0
INDE	4	55	19	FOBS=	181.8	SIGMA=	1.0	PHAS=	31.8	FOM=	0.96	TEST=	0
INDE	4	55	21	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	55	23	FOBS=	87.5	SIGMA=	2.6	PHAS=	-117.1	FOM=	0.82	TEST=	0
INDE	4	55	25	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	55	27	FOBS=	48.5	SIGMA=	4.8	PHAS=	-93.2	FOM=	0.49	TEST=	0

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INDE	4	55	29	FOBS=	93.6	SIGMA=	2.5	PHAS=	-6.8	FOM=	0.85	TEST=	0
INDE	4	55	31	FOBS=	66.5	SIGMA=	3.5	PHAS=	7.2	FOM=	0.78	TEST=	0
INDE	4	55	33	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	55	35	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	55	37	FOBS=	124.9	SIGMA=	2.1	PHAS=	28.0	FOM=	0.95	TEST=	0
INDE	4	55	39	FOBS=	68.4	SIGMA=	3.3	PHAS=	-22.1	FOM=	0.89	TEST=	0
INDE	4	55	41	FOBS=	58.8	SIGMA=	3.1	PHAS=	-157.7	FOM=	0.63	TEST=	0
INDE	4	55	43	FOBS=	112.3	SIGMA=	1.6	PHAS=	166.8	FOM=	0.60	TEST=	1
INDE	4	55	45	FOBS=	41.3	SIGMA=	3.9	PHAS=	134.2	FOM=	0.49	TEST=	0
INDE	4	55	47	FOBS=	42.4	SIGMA=	4.9	PHAS=	-147.5	FOM=	0.07	TEST=	1
INDE	4	55	49	FOBS=	24.8	SIGMA=	8.2	PHAS=	-89.4	FOM=	0.02	TEST=	1
INDE	4	55	51	FOBS=	75.9	SIGMA=	3.0	PHAS=	-36.6	FOM=	0.87	TEST=	0
INDE	4	55	53	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	56	6	FOBS=	99.3	SIGMA=	5.4	PHAS=	-167.4	FOM=	0.49	TEST=	0
INDE	4	56	8	FOBS=	109.0	SIGMA=	3.5	PHAS=	148.5	FOM=	0.70	TEST=	0
INDE	4	56	10	FOBS=	73.2	SIGMA=	5.1	PHAS=	15.0	FOM=	0.71	TEST=	0
INDE	4	56	12	FOBS=	30.8	SIGMA=	11.7	PHAS=	-179.0	FOM=	0.18	TEST=	0
INDE	4	56	14	FOBS=	46.8	SIGMA=	3.9	PHAS=	43.1	FOM=	0.16	TEST=	0
INDE	4	56	16	FOBS=	122.5	SIGMA=	1.3	PHAS=	111.7	FOM=	0.93	TEST=	0
INDE	4	56	18	FOBS=	76.4	SIGMA=	2.1	PHAS=	-140.4	FOM=	0.80	TEST=	0
INDE	4	56	20	FOBS=	168.3	SIGMA=	1.1	PHAS=	-119.7	FOM=	0.95	TEST=	0
INDE	4	56	22	FOBS=	81.1	SIGMA=	2.1	PHAS=	-166.4	FOM=	0.68	TEST=	0
INDE	4	56	24	FOBS=	10.5	SIGMA=	21.2	PHAS=	-96.6	FOM=	0.25	TEST=	0
INDE	4	56	26	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	56	28	FOBS=	40.6	SIGMA=	5.7	PHAS=	-55.7	FOM=	0.68	TEST=	0
INDE	4	56	30	FOBS=	36.9	SIGMA=	7.2	PHAS=	69.0	FOM=	0.72	TEST=	0
INDE	4	56	32	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	56	34	FOBS=	37.1	SIGMA=	6.6	PHAS=	-171.1	FOM=	0.21	TEST=	0
INDE	4	56	36	FOBS=	27.5	SIGMA=	8.8	PHAS=	-173.0	FOM=	0.00	TEST=	1
INDE	4	56	38	FOBS=	35.5	SIGMA=	6.7	PHAS=	29.5	FOM=	0.57	TEST=	0
INDE	4	56	40	FOBS=	79.8	SIGMA=	2.6	PHAS=	109.3	FOM=	0.75	TEST=	0
INDE	4	56	42	FOBS=	33.9	SIGMA=	5.6	PHAS=	110.1	FOM=	0.44	TEST=	0
INDE	4	56	44	FOBS=	26.7	SIGMA=	6.4	PHAS=	92.8	FOM=	0.06	TEST=	0
INDE	4	56	46	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	56	48	FOBS=	15.3	SIGMA=	14.4	PHAS=	-51.7	FOM=	0.07	TEST=	0
INDE	4	56	50	FOBS=	59.1	SIGMA=	3.8	PHAS=	-162.9	FOM=	0.85	TEST=	0
INDE	4	56	52	FOBS=	47.3	SIGMA=	6.0	PHAS=	-36.2	FOM=	0.84	TEST=	0
INDE	4	57	5	FOBS=	122.6	SIGMA=	1.5	PHAS=	-111.9	FOM=	0.95	TEST=	0
INDE	4	57	7	FOBS=	122.3	SIGMA=	3.2	PHAS=	79.6	FOM=	0.89	TEST=	0
INDE	4	57	9	FOBS=	0.0	SIGMA=	27.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	57	11	FOBS=	91.7	SIGMA=	4.1	PHAS=	-110.5	FOM=	0.76	TEST=	0
INDE	4	57	13	FOBS=	39.4	SIGMA=	9.1	PHAS=	0.9	FOM=	0.10	TEST=	1
INDE	4	57	15	FOBS=	51.6	SIGMA=	3.5	PHAS=	-70.4	FOM=	0.23	TEST=	0
INDE	4	57	17	FOBS=	99.7	SIGMA=	1.6	PHAS=	60.1	FOM=	0.97	TEST=	0
INDE	4	57	19	FOBS=	136.9	SIGMA=	1.2	PHAS=	95.4	FOM=	0.94	TEST=	0
INDE	4	57	21	FOBS=	111.7	SIGMA=	1.6	PHAS=	178.5	FOM=	0.70	TEST=	1
INDE	4	57	23	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	57	25	FOBS=	32.8	SIGMA=	7.7	PHAS=	105.6	FOM=	0.16	TEST=	0
INDE	4	57	27	FOBS=	35.6	SIGMA=	6.5	PHAS=	-6.7	FOM=	0.76	TEST=	0
INDE	4	57	29	FOBS=	32.2	SIGMA=	7.2	PHAS=	175.6	FOM=	0.23	TEST=	0
INDE	4	57	31	FOBS=	122.7	SIGMA=	2.0	PHAS=	55.3	FOM=	0.93	TEST=	0
INDE	4	57	33	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	57	35	FOBS=	37.2	SIGMA=	6.5	PHAS=	-89.9	FOM=	0.54	TEST=	0
INDE	4	57	37	FOBS=	49.1	SIGMA=	4.9	PHAS=	-11.1	FOM=	0.85	TEST=	0
INDE	4	57	39	FOBS=	98.1	SIGMA=	2.9	PHAS=	-37.8	FOM=	0.93	TEST=	0
INDE	4	57	41	FOBS=	134.9	SIGMA=	1.8	PHAS=	31.5	FOM=	0.97	TEST=	0
INDE	4	57	43	FOBS=	63.0	SIGMA=	2.9	PHAS=	-143.5	FOM=	0.62	TEST=	0
INDE	4	57	45	FOBS=	26.1	SIGMA=	9.0	PHAS=	-32.3	FOM=	0.36	TEST=	0
INDE	4	57	47	FOBS=	47.5	SIGMA=	4.7	PHAS=	153.7	FOM=	0.81	TEST=	0
INDE	4	57	49	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	57	51	FOBS=	0.0	SIGMA=	25.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	58	4	FOBS=	109.9	SIGMA=	2.1	PHAS=	105.2	FOM=	0.87	TEST=	0
INDE	4	58	6	FOBS=	61.6	SIGMA=	2.2	PHAS=	150.9	FOM=	0.53	TEST=	0
INDE	4	58	8	FOBS=	109.4	SIGMA=	3.5	PHAS=	55.1	FOM=	0.80	TEST=	0
INDE	4	58	10	FOBS=	42.2	SIGMA=	8.7	PHAS=	115.3	FOM=	0.30	TEST=	0
INDE	4	58	12	FOBS=	77.9	SIGMA=	4.7	PHAS=	145.6	FOM=	0.77	TEST=	1
INDE	4	58	14	FOBS=	49.2	SIGMA=	7.3	PHAS=	-173.1	FOM=	0.59	TEST=	0
INDE	4	58	16	FOBS=	60.1	SIGMA=	3.1	PHAS=	-63.1	FOM=	0.50	TEST=	1
INDE	4	58	18	FOBS=	66.9	SIGMA=	2.3	PHAS=	-17.6	FOM=	0.91	TEST=	0
INDE	4	58	20	FOBS=	118.7	SIGMA=	1.4	PHAS=	175.5	FOM=	0.90	TEST=	0

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INDE	4	58	22	FOBS=	12.3	SIGMA=	17.1	PHAS=	-143.5	FOM=	0.31	TEST=	0
INDE	4	58	24	FOBS=	82.2	SIGMA=	2.1	PHAS=	-40.4	FOM=	0.92	TEST=	0
INDE	4	58	26	FOBS=	67.8	SIGMA=	3.4	PHAS=	-100.0	FOM=	0.93	TEST=	0
INDE	4	58	28	FOBS=	73.7	SIGMA=	3.2	PHAS=	82.8	FOM=	0.30	TEST=	1
INDE	4	58	30	FOBS=	77.8	SIGMA=	3.0	PHAS=	13.1	FOM=	0.82	TEST=	0
INDE	4	58	32	FOBS=	34.0	SIGMA=	7.8	PHAS=	-69.3	FOM=	0.47	TEST=	0
INDE	4	58	34	FOBS=	33.2	SIGMA=	7.0	PHAS=	-33.3	FOM=	0.41	TEST=	0
INDE	4	58	36	FOBS=	0.0	SIGMA=	26.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	58	38	FOBS=	51.2	SIGMA=	6.5	PHAS=	-144.6	FOM=	0.74	TEST=	0
INDE	4	58	40	FOBS=	120.6	SIGMA=	2.8	PHAS=	-50.9	FOM=	0.96	TEST=	0
INDE	4	58	42	FOBS=	69.5	SIGMA=	2.8	PHAS=	-70.4	FOM=	0.35	TEST=	1
INDE	4	58	44	FOBS=	68.3	SIGMA=	2.7	PHAS=	-165.6	FOM=	0.68	TEST=	0
INDE	4	58	46	FOBS=	19.3	SIGMA=	12.3	PHAS=	175.9	FOM=	0.29	TEST=	1
INDE	4	58	48	FOBS=	41.9	SIGMA=	5.9	PHAS=	109.0	FOM=	0.66	TEST=	0
INDE	4	58	50	FOBS=	28.0	SIGMA=	11.8	PHAS=	107.1	FOM=	0.39	TEST=	0
INDE	4	59	5	FOBS=	107.8	SIGMA=	1.7	PHAS=	117.1	FOM=	0.98	TEST=	0
INDE	4	59	7	FOBS=	11.4	SIGMA=	31.1	PHAS=	12.1	FOM=	0.13	TEST=	0
INDE	4	59	9	FOBS=	92.2	SIGMA=	4.0	PHAS=	-4.8	FOM=	0.81	TEST=	0
INDE	4	59	11	FOBS=	82.4	SIGMA=	4.5	PHAS=	44.0	FOM=	0.85	TEST=	0
INDE	4	59	13	FOBS=	84.6	SIGMA=	4.3	PHAS=	47.4	FOM=	0.74	TEST=	0
INDE	4	59	15	FOBS=	22.4	SIGMA=	15.8	PHAS=	142.5	FOM=	0.31	TEST=	0
INDE	4	59	17	FOBS=	41.0	SIGMA=	6.4	PHAS=	-113.5	FOM=	0.48	TEST=	0
INDE	4	59	19	FOBS=	140.8	SIGMA=	1.3	PHAS=	161.5	FOM=	0.92	TEST=	0
INDE	4	59	21	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	59	23	FOBS=	88.1	SIGMA=	2.3	PHAS=	-153.3	FOM=	0.80	TEST=	0
INDE	4	59	25	FOBS=	61.4	SIGMA=	3.2	PHAS=	-123.8	FOM=	0.86	TEST=	0
INDE	4	59	27	FOBS=	29.8	SIGMA=	7.6	PHAS=	-136.0	FOM=	0.28	TEST=	0
INDE	4	59	29	FOBS=	76.4	SIGMA=	3.1	PHAS=	-102.3	FOM=	0.91	TEST=	0
INDE	4	59	31	FOBS=	64.1	SIGMA=	3.4	PHAS=	-94.0	FOM=	0.36	TEST=	0
INDE	4	59	33	FOBS=	43.8	SIGMA=	5.4	PHAS=	-2.1	FOM=	0.78	TEST=	0
INDE	4	59	35	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	59	37	FOBS=	64.3	SIGMA=	5.2	PHAS=	92.7	FOM=	0.76	TEST=	0
INDE	4	59	39	FOBS=	150.6	SIGMA=	2.4	PHAS=	-119.8	FOM=	0.97	TEST=	0
INDE	4	59	41	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	59	43	FOBS=	69.5	SIGMA=	2.6	PHAS=	-138.2	FOM=	0.76	TEST=	0
INDE	4	59	45	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	59	47	FOBS=	37.0	SIGMA=	8.4	PHAS=	88.7	FOM=	0.74	TEST=	0
INDE	4	59	49	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	60	4	FOBS=	113.6	SIGMA=	2.0	PHAS=	39.4	FOM=	0.80	TEST=	1
INDE	4	60	6	FOBS=	0.0	SIGMA=	13.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	60	8	FOBS=	69.1	SIGMA=	5.2	PHAS=	-23.5	FOM=	0.46	TEST=	0
INDE	4	60	10	FOBS=	65.2	SIGMA=	5.5	PHAS=	48.6	FOM=	0.50	TEST=	1
INDE	4	60	12	FOBS=	18.4	SIGMA=	19.6	PHAS=	-51.8	FOM=	0.12	TEST=	0
INDE	4	60	14	FOBS=	8.8	SIGMA=	40.3	PHAS=	66.6	FOM=	0.12	TEST=	0
INDE	4	60	16	FOBS=	119.1	SIGMA=	2.0	PHAS=	150.9	FOM=	0.85	TEST=	0
INDE	4	60	18	FOBS=	168.2	SIGMA=	1.2	PHAS=	139.0	FOM=	0.97	TEST=	0
INDE	4	60	20	FOBS=	87.9	SIGMA=	2.1	PHAS=	-146.7	FOM=	0.25	TEST=	1
INDE	4	60	22	FOBS=	39.7	SIGMA=	4.8	PHAS=	-166.3	FOM=	0.65	TEST=	0
INDE	4	60	24	FOBS=	119.5	SIGMA=	1.7	PHAS=	-1.4	FOM=	0.86	TEST=	0
INDE	4	60	26	FOBS=	36.3	SIGMA=	5.5	PHAS=	-79.3	FOM=	0.68	TEST=	0
INDE	4	60	28	FOBS=	83.7	SIGMA=	2.8	PHAS=	133.9	FOM=	0.88	TEST=	0
INDE	4	60	30	FOBS=	136.8	SIGMA=	2.2	PHAS=	160.3	FOM=	0.96	TEST=	0
INDE	4	60	32	FOBS=	118.5	SIGMA=	2.5	PHAS=	-84.9	FOM=	0.91	TEST=	0
INDE	4	60	34	FOBS=	111.0	SIGMA=	2.6	PHAS=	-50.5	FOM=	0.96	TEST=	0
INDE	4	60	36	FOBS=	78.8	SIGMA=	3.6	PHAS=	5.1	FOM=	0.91	TEST=	0
INDE	4	60	38	FOBS=	120.8	SIGMA=	2.9	PHAS=	171.7	FOM=	0.95	TEST=	0
INDE	4	60	40	FOBS=	64.8	SIGMA=	5.1	PHAS=	-32.7	FOM=	0.88	TEST=	0
INDE	4	60	42	FOBS=	28.0	SIGMA=	7.9	PHAS=	-74.9	FOM=	0.29	TEST=	0
INDE	4	60	44	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	60	46	FOBS=	55.8	SIGMA=	4.8	PHAS=	26.2	FOM=	0.83	TEST=	0
INDE	4	60	48	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	61	5	FOBS=	18.5	SIGMA=	12.9	PHAS=	70.3	FOM=	0.03	TEST=	1
INDE	4	61	7	FOBS=	113.6	SIGMA=	3.2	PHAS=	-162.1	FOM=	0.90	TEST=	0
INDE	4	61	9	FOBS=	112.5	SIGMA=	3.3	PHAS=	38.4	FOM=	0.86	TEST=	0
INDE	4	61	11	FOBS=	101.9	SIGMA=	3.6	PHAS=	58.8	FOM=	0.92	TEST=	0
INDE	4	61	13	FOBS=	46.0	SIGMA=	7.8	PHAS=	-30.4	FOM=	0.53	TEST=	0
INDE	4	61	15	FOBS=	0.0	SIGMA=	26.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	61	17	FOBS=	168.6	SIGMA=	2.3	PHAS=	75.2	FOM=	0.98	TEST=	0
INDE	4	61	19	FOBS=	46.0	SIGMA=	4.4	PHAS=	143.6	FOM=	0.69	TEST=	0
INDE	4	61	21	FOBS=	102.9	SIGMA=	2.1	PHAS=	3.1	FOM=	0.90	TEST=	0

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INDE	4	61	23	FOBS=	42.5	SIGMA=	5.2	PHAS=	52.2	FOM=	0.59	TEST=	1
INDE	4	61	25	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	61	27	FOBS=	59.9	SIGMA=	3.8	PHAS=	-162.2	FOM=	0.71	TEST=	0
INDE	4	61	29	FOBS=	94.0	SIGMA=	3.0	PHAS=	76.1	FOM=	0.87	TEST=	0
INDE	4	61	31	FOBS=	67.5	SIGMA=	4.2	PHAS=	170.4	FOM=	0.91	TEST=	0
INDE	4	61	33	FOBS=	66.6	SIGMA=	4.3	PHAS=	-80.1	FOM=	0.84	TEST=	0
INDE	4	61	35	FOBS=	112.7	SIGMA=	2.6	PHAS=	-156.5	FOM=	0.93	TEST=	0
INDE	4	61	37	FOBS=	51.0	SIGMA=	5.6	PHAS=	48.6	FOM=	0.79	TEST=	0
INDE	4	61	39	FOBS=	67.6	SIGMA=	5.0	PHAS=	148.3	FOM=	0.86	TEST=	0
INDE	4	61	41	FOBS=	76.8	SIGMA=	3.6	PHAS=	-139.7	FOM=	0.92	TEST=	0
INDE	4	61	43	FOBS=	24.9	SIGMA=	7.7	PHAS=	40.2	FOM=	0.23	TEST=	1
INDE	4	61	45	FOBS=	81.5	SIGMA=	3.4	PHAS=	-98.0	FOM=	0.89	TEST=	0
INDE	4	61	47	FOBS=	77.2	SIGMA=	4.6	PHAS=	-49.8	FOM=	0.74	TEST=	0
INDE	4	62	4	FOBS=	147.0	SIGMA=	1.8	PHAS=	127.1	FOM=	0.78	TEST=	0
INDE	4	62	6	FOBS=	52.2	SIGMA=	6.7	PHAS=	85.4	FOM=	0.49	TEST=	0
INDE	4	62	8	FOBS=	31.3	SIGMA=	11.2	PHAS=	-122.7	FOM=	0.36	TEST=	0
INDE	4	62	10	FOBS=	94.1	SIGMA=	3.8	PHAS=	2.5	FOM=	0.92	TEST=	0
INDE	4	62	12	FOBS=	60.9	SIGMA=	5.8	PHAS=	-55.2	FOM=	0.88	TEST=	0
INDE	4	62	14	FOBS=	58.9	SIGMA=	6.1	PHAS=	70.7	FOM=	0.87	TEST=	0
INDE	4	62	16	FOBS=	60.5	SIGMA=	5.9	PHAS=	45.6	FOM=	0.68	TEST=	0
INDE	4	62	18	FOBS=	168.8	SIGMA=	1.5	PHAS=	47.0	FOM=	0.87	TEST=	0
INDE	4	62	20	FOBS=	98.6	SIGMA=	2.1	PHAS=	-128.4	FOM=	0.93	TEST=	0
INDE	4	62	22	FOBS=	126.5	SIGMA=	1.7	PHAS=	145.7	FOM=	0.04	TEST=	1
INDE	4	62	24	FOBS=	24.7	SIGMA=	8.9	PHAS=	104.6	FOM=	0.49	TEST=	0
INDE	4	62	26	FOBS=	92.8	SIGMA=	2.5	PHAS=	124.8	FOM=	0.87	TEST=	0
INDE	4	62	28	FOBS=	60.4	SIGMA=	3.8	PHAS=	-15.2	FOM=	0.45	TEST=	1
INDE	4	62	30	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	62	32	FOBS=	48.4	SIGMA=	7.1	PHAS=	132.0	FOM=	0.65	TEST=	0
INDE	4	62	34	FOBS=	42.4	SIGMA=	6.7	PHAS=	96.0	FOM=	0.23	TEST=	0
INDE	4	62	36	FOBS=	18.5	SIGMA=	19.2	PHAS=	71.4	FOM=	0.40	TEST=	0
INDE	4	62	38	FOBS=	43.8	SIGMA=	6.5	PHAS=	1.6	FOM=	0.83	TEST=	0
INDE	4	62	40	FOBS=	35.8	SIGMA=	9.3	PHAS=	-168.5	FOM=	0.31	TEST=	1
INDE	4	62	42	FOBS=	8.7	SIGMA=	28.5	PHAS=	-42.9	FOM=	0.04	TEST=	0
INDE	4	62	44	FOBS=	114.9	SIGMA=	2.7	PHAS=	-81.6	FOM=	0.87	TEST=	0
INDE	4	62	46	FOBS=	33.8	SIGMA=	10.5	PHAS=	140.6	FOM=	0.70	TEST=	0
INDE	4	63	5	FOBS=	35.7	SIGMA=	6.8	PHAS=	4.4	FOM=	0.45	TEST=	0
INDE	4	63	7	FOBS=	49.6	SIGMA=	4.0	PHAS=	-175.4	FOM=	0.87	TEST=	0
INDE	4	63	9	FOBS=	137.7	SIGMA=	2.7	PHAS=	162.2	FOM=	0.95	TEST=	0
INDE	4	63	11	FOBS=	46.2	SIGMA=	7.6	PHAS=	-91.3	FOM=	0.67	TEST=	0
INDE	4	63	13	FOBS=	93.1	SIGMA=	3.9	PHAS=	-24.4	FOM=	0.88	TEST=	0
INDE	4	63	15	FOBS=	92.0	SIGMA=	3.9	PHAS=	-27.9	FOM=	0.88	TEST=	0
INDE	4	63	17	FOBS=	63.3	SIGMA=	5.6	PHAS=	-44.3	FOM=	0.58	TEST=	0
INDE	4	63	19	FOBS=	79.3	SIGMA=	3.0	PHAS=	4.1	FOM=	0.92	TEST=	0
INDE	4	63	21	FOBS=	9.6	SIGMA=	23.3	PHAS=	155.2	FOM=	0.12	TEST=	0
INDE	4	63	23	FOBS=	38.2	SIGMA=	5.6	PHAS=	-132.5	FOM=	0.19	TEST=	0
INDE	4	63	25	FOBS=	132.6	SIGMA=	1.8	PHAS=	20.7	FOM=	0.96	TEST=	0
INDE	4	63	27	FOBS=	61.5	SIGMA=	3.8	PHAS=	160.6	FOM=	0.90	TEST=	0
INDE	4	63	29	FOBS=	26.4	SIGMA=	8.8	PHAS=	-122.7	FOM=	0.16	TEST=	0
INDE	4	63	31	FOBS=	62.1	SIGMA=	4.6	PHAS=	-112.1	FOM=	0.83	TEST=	0
INDE	4	63	33	FOBS=	34.5	SIGMA=	9.9	PHAS=	-126.0	FOM=	0.05	TEST=	0
INDE	4	63	35	FOBS=	32.0	SIGMA=	11.0	PHAS=	-136.4	FOM=	0.27	TEST=	0
INDE	4	63	37	FOBS=	34.3	SIGMA=	8.3	PHAS=	-83.0	FOM=	0.57	TEST=	0
INDE	4	63	39	FOBS=	31.8	SIGMA=	9.0	PHAS=	138.3	FOM=	0.42	TEST=	0
INDE	4	63	41	FOBS=	59.0	SIGMA=	4.2	PHAS=	-153.4	FOM=	0.90	TEST=	0
INDE	4	63	43	FOBS=	70.0	SIGMA=	3.6	PHAS=	154.6	FOM=	0.87	TEST=	0
INDE	4	63	45	FOBS=	0.0	SIGMA=	26.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	64	4	FOBS=	63.2	SIGMA=	3.5	PHAS=	-30.7	FOM=	0.72	TEST=	0
INDE	4	64	6	FOBS=	60.7	SIGMA=	4.7	PHAS=	12.7	FOM=	0.66	TEST=	0
INDE	4	64	8	FOBS=	108.2	SIGMA=	3.4	PHAS=	44.6	FOM=	0.87	TEST=	0
INDE	4	64	10	FOBS=	139.5	SIGMA=	2.7	PHAS=	93.6	FOM=	0.94	TEST=	0
INDE	4	64	12	FOBS=	64.5	SIGMA=	5.4	PHAS=	-32.4	FOM=	0.77	TEST=	0
INDE	4	64	14	FOBS=	42.8	SIGMA=	8.2	PHAS=	-135.4	FOM=	0.67	TEST=	0
INDE	4	64	16	FOBS=	57.5	SIGMA=	6.2	PHAS=	-94.8	FOM=	0.85	TEST=	0
INDE	4	64	18	FOBS=	43.3	SIGMA=	5.2	PHAS=	-148.1	FOM=	0.34	TEST=	0
INDE	4	64	20	FOBS=	75.1	SIGMA=	2.7	PHAS=	-95.2	FOM=	0.63	TEST=	0
INDE	4	64	22	FOBS=	108.0	SIGMA=	2.0	PHAS=	-82.1	FOM=	0.86	TEST=	0
INDE	4	64	24	FOBS=	35.9	SIGMA=	6.1	PHAS=	-138.3	FOM=	0.52	TEST=	0
INDE	4	64	26	FOBS=	90.2	SIGMA=	2.6	PHAS=	-12.1	FOM=	0.93	TEST=	0
INDE	4	64	28	FOBS=	47.9	SIGMA=	4.9	PHAS=	9.5	FOM=	0.35	TEST=	0
INDE	4	64	30	FOBS=	90.5	SIGMA=	2.7	PHAS=	-176.6	FOM=	0.91	TEST=	0

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INDE	4	64	32	FOBS=	121.0	SIGMA=	2.5	PHAS=	131.7	FOM=	0.96	TEST=	0
INDE	4	64	34	FOBS=	49.7	SIGMA=	5.8	PHAS=	-136.8	FOM=	0.82	TEST=	0
INDE	4	64	36	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	64	38	FOBS=	40.9	SIGMA=	7.1	PHAS=	-46.2	FOM=	0.74	TEST=	0
INDE	4	64	40	FOBS=	54.8	SIGMA=	4.6	PHAS=	126.2	FOM=	0.74	TEST=	0
INDE	4	64	42	FOBS=	42.6	SIGMA=	5.9	PHAS=	83.1	FOM=	0.76	TEST=	0
INDE	4	65	5	FOBS=	102.3	SIGMA=	2.4	PHAS=	-78.1	FOM=	0.88	TEST=	0
INDE	4	65	7	FOBS=	135.7	SIGMA=	1.2	PHAS=	73.5	FOM=	0.33	TEST=	1
INDE	4	65	9	FOBS=	26.7	SIGMA=	13.0	PHAS=	63.4	FOM=	0.39	TEST=	0
INDE	4	65	11	FOBS=	98.5	SIGMA=	3.7	PHAS=	-91.2	FOM=	0.85	TEST=	0
INDE	4	65	13	FOBS=	72.0	SIGMA=	4.9	PHAS=	30.0	FOM=	0.41	TEST=	0
INDE	4	65	15	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	65	17	FOBS=	23.4	SIGMA=	15.0	PHAS=	176.8	FOM=	0.40	TEST=	0
INDE	4	65	19	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	65	21	FOBS=	41.0	SIGMA=	6.0	PHAS=	-75.0	FOM=	0.47	TEST=	0
INDE	4	65	23	FOBS=	45.4	SIGMA=	4.6	PHAS=	147.5	FOM=	0.67	TEST=	0
INDE	4	65	25	FOBS=	52.3	SIGMA=	4.2	PHAS=	-165.0	FOM=	0.60	TEST=	0
INDE	4	65	27	FOBS=	94.3	SIGMA=	2.5	PHAS=	-122.7	FOM=	0.92	TEST=	0
INDE	4	65	29	FOBS=	36.9	SIGMA=	6.3	PHAS=	-142.0	FOM=	0.17	TEST=	0
INDE	4	65	31	FOBS=	62.7	SIGMA=	3.8	PHAS=	32.5	FOM=	0.90	TEST=	0
INDE	4	65	33	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	65	35	FOBS=	23.1	SIGMA=	12.4	PHAS=	71.6	FOM=	0.10	TEST=	0
INDE	4	65	37	FOBS=	8.9	SIGMA=	33.0	PHAS=	-46.1	FOM=	0.00	TEST=	1
INDE	4	65	39	FOBS=	37.2	SIGMA=	6.9	PHAS=	165.2	FOM=	0.84	TEST=	0
INDE	4	65	41	FOBS=	44.7	SIGMA=	5.2	PHAS=	24.1	FOM=	0.19	TEST=	1
INDE	4	66	4	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	66	6	FOBS=	81.3	SIGMA=	3.0	PHAS=	170.2	FOM=	0.68	TEST=	0
INDE	4	66	8	FOBS=	116.3	SIGMA=	1.8	PHAS=	-122.0	FOM=	0.93	TEST=	0
INDE	4	66	10	FOBS=	4.9	SIGMA=	71.2	PHAS=	-36.6	FOM=	0.08	TEST=	0
INDE	4	66	12	FOBS=	29.8	SIGMA=	11.8	PHAS=	-126.1	FOM=	0.53	TEST=	0
INDE	4	66	14	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	66	16	FOBS=	47.5	SIGMA=	7.4	PHAS=	-141.4	FOM=	0.57	TEST=	0
INDE	4	66	18	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	4	66	20	FOBS=	46.6	SIGMA=	7.5	PHAS=	-120.1	FOM=	0.54	TEST=	0
INDE	4	66	22	FOBS=	7.7	SIGMA=	29.8	PHAS=	-57.1	FOM=	0.01	TEST=	1
INDE	4	66	24	FOBS=	86.0	SIGMA=	2.5	PHAS=	48.6	FOM=	0.88	TEST=	0
INDE	4	66	26	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	66	28	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	66	30	FOBS=	58.1	SIGMA=	4.9	PHAS=	-1.3	FOM=	0.73	TEST=	0
INDE	4	66	32	FOBS=	92.9	SIGMA=	2.7	PHAS=	1.9	FOM=	0.06	TEST=	1
INDE	4	66	34	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	66	36	FOBS=	40.5	SIGMA=	8.7	PHAS=	81.5	FOM=	0.32	TEST=	0
INDE	4	66	38	FOBS=	17.5	SIGMA=	19.9	PHAS=	116.6	FOM=	0.23	TEST=	0
INDE	4	66	40	FOBS=	107.5	SIGMA=	2.3	PHAS=	38.6	FOM=	0.94	TEST=	0
INDE	4	67	5	FOBS=	0.0	SIGMA=	26.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	67	7	FOBS=	110.2	SIGMA=	4.8	PHAS=	153.3	FOM=	0.94	TEST=	0
INDE	4	67	9	FOBS=	52.8	SIGMA=	6.8	PHAS=	136.9	FOM=	0.76	TEST=	0
INDE	4	67	11	FOBS=	61.4	SIGMA=	5.8	PHAS=	-144.9	FOM=	0.80	TEST=	0
INDE	4	67	13	FOBS=	22.9	SIGMA=	15.3	PHAS=	-147.4	FOM=	0.30	TEST=	0
INDE	4	67	15	FOBS=	51.7	SIGMA=	6.8	PHAS=	-5.6	FOM=	0.81	TEST=	0
INDE	4	67	17	FOBS=	0.0	SIGMA=	26.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	67	19	FOBS=	91.6	SIGMA=	4.0	PHAS=	155.4	FOM=	0.93	TEST=	0
INDE	4	67	21	FOBS=	38.7	SIGMA=	6.1	PHAS=	-132.3	FOM=	0.40	TEST=	0
INDE	4	67	23	FOBS=	94.0	SIGMA=	2.3	PHAS=	86.4	FOM=	0.89	TEST=	0
INDE	4	67	25	FOBS=	35.7	SIGMA=	7.3	PHAS=	-116.5	FOM=	0.58	TEST=	0
INDE	4	67	27	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	4	67	29	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	67	31	FOBS=	40.9	SIGMA=	7.0	PHAS=	131.3	FOM=	0.26	TEST=	0
INDE	4	67	33	FOBS=	44.5	SIGMA=	7.9	PHAS=	48.8	FOM=	0.52	TEST=	0
INDE	4	67	35	FOBS=	0.0	SIGMA=	24.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	4	67	37	FOBS=	3.5	SIGMA=	99.7	PHAS=	-24.4	FOM=	0.05	TEST=	0
INDE	4	67	39	FOBS=	78.1	SIGMA=	3.5	PHAS=	-55.4	FOM=	0.84	TEST=	0
INDE	4	68	6	FOBS=	81.2	SIGMA=	4.1	PHAS=	91.9	FOM=	0.86	TEST=	0
INDE	4	68	8	FOBS=	44.3	SIGMA=	4.0	PHAS=	71.5	FOM=	0.74	TEST=	0
INDE	4	68	12	FOBS=	0.0	SIGMA=	31.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	68	14	FOBS=	46.2	SIGMA=	7.6	PHAS=	-88.6	FOM=	0.75	TEST=	0
INDE	4	68	16	FOBS=	58.0	SIGMA=	6.1	PHAS=	-143.0	FOM=	0.72	TEST=	0
INDE	4	68	18	FOBS=	26.6	SIGMA=	13.3	PHAS=	-48.0	FOM=	0.52	TEST=	0
INDE	4	68	20	FOBS=	81.9	SIGMA=	2.8	PHAS=	70.0	FOM=	0.86	TEST=	0
INDE	4	68	22	FOBS=	65.3	SIGMA=	3.8	PHAS=	49.3	FOM=	0.84	TEST=	0

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INDE	4	68	24	FOBS=	48.1	SIGMA=	4.5	PHAS=	51.5	FOM=	0.08	TEST=	0
INDE	4	68	26	FOBS=	60.1	SIGMA=	3.8	PHAS=	-55.7	FOM=	0.90	TEST=	0
INDE	4	68	28	FOBS=	60.1	SIGMA=	4.0	PHAS=	-14.2	FOM=	0.20	TEST=	1
INDE	4	68	30	FOBS=	26.1	SIGMA=	13.3	PHAS=	-64.1	FOM=	0.36	TEST=	0
INDE	4	68	32	FOBS=	47.4	SIGMA=	5.3	PHAS=	154.6	FOM=	0.82	TEST=	0
INDE	4	68	34	FOBS=	0.0	SIGMA=	26.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	68	36	FOBS=	7.5	SIGMA=	40.2	PHAS=	108.1	FOM=	0.11	TEST=	0
INDE	4	69	5	FOBS=	63.0	SIGMA=	5.5	PHAS=	3.6	FOM=	0.84	TEST=	0
INDE	4	69	7	FOBS=	35.3	SIGMA=	9.7	PHAS=	169.3	FOM=	0.39	TEST=	0
INDE	4	69	9	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	69	15	FOBS=	36.5	SIGMA=	14.0	PHAS=	-70.6	FOM=	0.15	TEST=	0
INDE	4	69	17	FOBS=	53.5	SIGMA=	9.4	PHAS=	115.0	FOM=	0.76	TEST=	0
INDE	4	69	19	FOBS=	47.4	SIGMA=	7.4	PHAS=	-66.1	FOM=	0.49	TEST=	0
INDE	4	69	21	FOBS=	43.4	SIGMA=	5.6	PHAS=	-60.4	FOM=	0.77	TEST=	0
INDE	4	69	23	FOBS=	36.1	SIGMA=	5.8	PHAS=	47.0	FOM=	0.73	TEST=	0
INDE	4	69	25	FOBS=	76.4	SIGMA=	2.9	PHAS=	-105.3	FOM=	0.89	TEST=	0
INDE	4	69	27	FOBS=	88.6	SIGMA=	2.6	PHAS=	-131.8	FOM=	0.84	TEST=	0
INDE	4	69	29	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	69	31	FOBS=	64.7	SIGMA=	3.9	PHAS=	117.1	FOM=	0.81	TEST=	0
INDE	4	69	33	FOBS=	57.1	SIGMA=	4.5	PHAS=	17.8	FOM=	0.23	TEST=	0
INDE	4	69	35	FOBS=	47.0	SIGMA=	5.6	PHAS=	41.1	FOM=	0.70	TEST=	0
INDE	4	70	4	FOBS=	103.9	SIGMA=	3.2	PHAS=	-81.5	FOM=	0.94	TEST=	0
INDE	4	70	6	FOBS=	22.5	SIGMA=	15.7	PHAS=	27.5	FOM=	0.06	TEST=	0
INDE	4	70	20	FOBS=	73.1	SIGMA=	7.2	PHAS=	47.6	FOM=	0.81	TEST=	0
INDE	4	70	22	FOBS=	36.6	SIGMA=	7.6	PHAS=	-62.2	FOM=	0.74	TEST=	0
INDE	4	70	24	FOBS=	62.8	SIGMA=	3.4	PHAS=	-123.3	FOM=	0.62	TEST=	0
INDE	4	70	26	FOBS=	38.8	SIGMA=	5.7	PHAS=	-76.7	FOM=	0.46	TEST=	0
INDE	4	70	28	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	70	30	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	70	32	FOBS=	0.0	SIGMA=	27.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	71	5	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	71	7	FOBS=	73.8	SIGMA=	4.6	PHAS=	35.1	FOM=	0.80	TEST=	0
INDE	4	71	9	FOBS=	30.4	SIGMA=	5.6	PHAS=	132.0	FOM=	0.35	TEST=	0
INDE	4	71	23	FOBS=	29.0	SIGMA=	11.7	PHAS=	-133.3	FOM=	0.39	TEST=	0
INDE	4	71	25	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	71	27	FOBS=	26.4	SIGMA=	9.6	PHAS=	97.1	FOM=	0.32	TEST=	0
INDE	4	71	29	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	71	31	FOBS=	29.8	SIGMA=	8.6	PHAS=	18.5	FOM=	0.32	TEST=	0
INDE	4	72	4	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	72	6	FOBS=	41.7	SIGMA=	8.2	PHAS=	67.8	FOM=	0.60	TEST=	0
INDE	4	72	8	FOBS=	45.0	SIGMA=	7.7	PHAS=	-112.5	FOM=	0.14	TEST=	0
INDE	4	72	10	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	72	24	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	72	26	FOBS=	66.4	SIGMA=	4.4	PHAS=	-27.5	FOM=	0.75	TEST=	0
INDE	4	72	28	FOBS=	21.9	SIGMA=	13.8	PHAS=	52.2	FOM=	0.27	TEST=	0
INDE	4	73	5	FOBS=	28.4	SIGMA=	11.4	PHAS=	31.2	FOM=	0.36	TEST=	0
INDE	4	73	7	FOBS=	41.8	SIGMA=	8.6	PHAS=	32.5	FOM=	0.84	TEST=	0
INDE	4	73	23	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	73	25	FOBS=	55.2	SIGMA=	4.9	PHAS=	-175.1	FOM=	0.34	TEST=	0
INDE	4	74	4	FOBS=	29.1	SIGMA=	11.6	PHAS=	-71.6	FOM=	0.43	TEST=	0
INDE	4	74	6	FOBS=	22.5	SIGMA=	14.2	PHAS=	-80.5	FOM=	0.61	TEST=	0
INDE	4	74	8	FOBS=	47.2	SIGMA=	7.6	PHAS=	32.7	FOM=	0.72	TEST=	0
INDE	4	74	10	FOBS=	48.6	SIGMA=	3.8	PHAS=	46.4	FOM=	0.43	TEST=	0
INDE	4	75	5	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	75	7	FOBS=	21.9	SIGMA=	15.9	PHAS=	12.7	FOM=	0.50	TEST=	0
INDE	4	75	9	FOBS=	65.9	SIGMA=	5.4	PHAS=	-92.2	FOM=	0.85	TEST=	0
INDE	4	75	11	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	76	4	FOBS=	54.8	SIGMA=	6.3	PHAS=	147.3	FOM=	0.50	TEST=	0
INDE	4	76	6	FOBS=	16.9	SIGMA=	19.9	PHAS=	-108.1	FOM=	0.35	TEST=	0
INDE	4	76	12	FOBS=	65.1	SIGMA=	4.2	PHAS=	-34.9	FOM=	0.30	TEST=	0
INDE	4	77	5	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	77	7	FOBS=	0.0	SIGMA=	25.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	4	77	9	FOBS=	124.7	SIGMA=	3.1	PHAS=	-166.6	FOM=	0.94	TEST=	0
INDE	5	6	17	FOBS=	236.0	SIGMA=	0.4	PHAS=	-73.0	FOM=	0.90	TEST=	0
INDE	5	6	19	FOBS=	393.2	SIGMA=	0.4	PHAS=	-34.2	FOM=	0.94	TEST=	0
INDE	5	6	21	FOBS=	248.0	SIGMA=	0.5	PHAS=	-36.7	FOM=	0.96	TEST=	0
INDE	5	6	23	FOBS=	111.2	SIGMA=	0.8	PHAS=	150.4	FOM=	0.94	TEST=	0
INDE	5	6	25	FOBS=	138.8	SIGMA=	0.7	PHAS=	-44.8	FOM=	0.98	TEST=	0
INDE	5	6	27	FOBS=	78.9	SIGMA=	1.2	PHAS=	-179.8	FOM=	0.63	TEST=	0
INDE	5	6	29	FOBS=	149.5	SIGMA=	0.8	PHAS=	93.9	FOM=	0.88	TEST=	0

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INDE 5 6 31 FOBS= 167.0 SIGMA= 0.9 PHAS= 79.2 FOM= 0.93 TEST= 0
INDE 5 6 33 FOBS= 174.8 SIGMA= 0.7 PHAS= 158.6 FOM= 0.97 TEST= 0
INDE 5 6 35 FOBS= 212.7 SIGMA= 0.8 PHAS= 169.2 FOM= 0.90 TEST= 0
INDE 5 6 37 FOBS= 256.7 SIGMA= 0.8 PHAS= 61.5 FOM= 0.98 TEST= 0
INDE 5 6 39 FOBS= 118.6 SIGMA= 1.2 PHAS= 93.8 FOM= 0.94 TEST= 0
INDE 5 6 41 FOBS= 314.7 SIGMA= 0.7 PHAS= -153.2 FOM= 0.94 TEST= 0
INDE 5 6 43 FOBS= 195.6 SIGMA= 0.9 PHAS= 121.5 FOM= 0.90 TEST= 1
INDE 5 6 45 FOBS= 153.3 SIGMA= 1.2 PHAS= 171.9 FOM= 0.90 TEST= 0
INDE 5 6 47 FOBS= 139.7 SIGMA= 1.5 PHAS= -150.9 FOM= 0.96 TEST= 0
INDE 5 6 49 FOBS= 130.3 SIGMA= 1.6 PHAS= 131.6 FOM= 0.93 TEST= 0
INDE 5 6 51 FOBS= 212.7 SIGMA= 1.4 PHAS= 161.8 FOM= 0.89 TEST= 0
INDE 5 6 53 FOBS= 128.5 SIGMA= 1.5 PHAS= 26.6 FOM= 0.89 TEST= 0
INDE 5 6 55 FOBS= 111.4 SIGMA= 1.7 PHAS= 26.4 FOM= 0.20 TEST= 1
INDE 5 6 57 FOBS= 252.2 SIGMA= 1.3 PHAS= -152.5 FOM= 0.96 TEST= 0
INDE 5 6 59 FOBS= 68.4 SIGMA= 3.8 PHAS= -51.5 FOM= 0.92 TEST= 0
INDE 5 6 61 FOBS= 53.0 SIGMA= 4.8 PHAS= 48.9 FOM= 0.10 TEST= 0
INDE 5 6 63 FOBS= 50.6 SIGMA= 4.1 PHAS= 71.5 FOM= 0.51 TEST= 0
INDE 5 6 65 FOBS= 122.9 SIGMA= 2.1 PHAS= 171.5 FOM= 0.92 TEST= 0
INDE 5 6 67 FOBS= 129.1 SIGMA= 2.8 PHAS= 116.2 FOM= 0.95 TEST= 0
INDE 5 6 69 FOBS= 93.7 SIGMA= 4.1 PHAS= 78.3 FOM= 0.84 TEST= 0
INDE 5 6 71 FOBS= 46.2 SIGMA= 7.8 PHAS= 41.6 FOM= 0.71 TEST= 0
INDE 5 6 73 FOBS= 0.0 SIGMA= 26.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 5 6 75 FOBS= 48.8 SIGMA= 7.2 PHAS= -132.4 FOM= 0.57 TEST= 0
INDE 5 6 77 FOBS= 45.3 SIGMA= 8.0 PHAS= -151.3 FOM= 0.67 TEST= 0
INDE 5 7 16 FOBS= 313.4 SIGMA= 0.4 PHAS= -96.3 FOM= 0.77 TEST= 0
INDE 5 7 18 FOBS= 118.3 SIGMA= 0.5 PHAS= -175.9 FOM= 0.92 TEST= 0
INDE 5 7 20 FOBS= 320.3 SIGMA= 0.4 PHAS= -145.0 FOM= 0.97 TEST= 0
INDE 5 7 22 FOBS= 205.6 SIGMA= 0.5 PHAS= 71.9 FOM= 0.80 TEST= 0
INDE 5 7 24 FOBS= 122.5 SIGMA= 0.7 PHAS= 141.2 FOM= 0.98 TEST= 0
INDE 5 7 26 FOBS= 48.8 SIGMA= 1.6 PHAS= -17.9 FOM= 0.92 TEST= 0
INDE 5 7 28 FOBS= 200.5 SIGMA= 0.6 PHAS= 17.8 FOM= 0.96 TEST= 0
INDE 5 7 30 FOBS= 50.4 SIGMA= 2.0 PHAS= 69.8 FOM= 0.98 TEST= 0
INDE 5 7 32 FOBS= 226.2 SIGMA= 0.6 PHAS= 48.6 FOM= 0.96 TEST= 0
INDE 5 7 34 FOBS= 249.9 SIGMA= 0.6 PHAS= 30.1 FOM= 0.98 TEST= 1
INDE 5 7 36 FOBS= 110.6 SIGMA= 1.1 PHAS= -52.2 FOM= 0.97 TEST= 0
INDE 5 7 38 FOBS= 74.5 SIGMA= 1.8 PHAS= 37.2 FOM= 0.98 TEST= 0
INDE 5 7 40 FOBS= 174.0 SIGMA= 0.9 PHAS= 35.5 FOM= 0.96 TEST= 0
INDE 5 7 42 FOBS= 284.0 SIGMA= 0.8 PHAS= 94.0 FOM= 0.93 TEST= 0
INDE 5 7 44 FOBS= 91.4 SIGMA= 1.9 PHAS= -41.3 FOM= 0.72 TEST= 0
INDE 5 7 46 FOBS= 228.4 SIGMA= 1.1 PHAS= 94.2 FOM= 0.99 TEST= 0
INDE 5 7 48 FOBS= 121.9 SIGMA= 1.7 PHAS= 173.4 FOM= 0.78 TEST= 0
INDE 5 7 50 FOBS= 70.8 SIGMA= 3.3 PHAS= 68.9 FOM= 0.83 TEST= 0
INDE 5 7 52 FOBS= 99.3 SIGMA= 2.0 PHAS= -39.2 FOM= 0.92 TEST= 0
INDE 5 7 54 FOBS= 75.7 SIGMA= 2.5 PHAS= 109.8 FOM= 0.66 TEST= 0
INDE 5 7 56 FOBS= 208.6 SIGMA= 1.0 PHAS= 127.4 FOM= 0.96 TEST= 0
INDE 5 7 58 FOBS= 120.8 SIGMA= 1.6 PHAS= -155.0 FOM= 0.94 TEST= 0
INDE 5 7 60 FOBS= 158.5 SIGMA= 1.5 PHAS= -156.6 FOM= 0.97 TEST= 0
INDE 5 7 62 FOBS= 0.0 SIGMA= 22.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 5 7 64 FOBS= 107.5 SIGMA= 2.2 PHAS= 100.9 FOM= 0.82 TEST= 0
INDE 5 7 66 FOBS= 121.1 SIGMA= 2.2 PHAS= 62.9 FOM= 0.95 TEST= 0
INDE 5 7 68 FOBS= 28.6 SIGMA= 12.6 PHAS= -71.3 FOM= 0.52 TEST= 0
INDE 5 7 70 FOBS= 34.8 SIGMA= 11.0 PHAS= 30.1 FOM= 0.43 TEST= 0
INDE 5 7 72 FOBS= 36.7 SIGMA= 10.2 PHAS= 111.0 FOM= 0.59 TEST= 0
INDE 5 7 74 FOBS= 15.7 SIGMA= 23.3 PHAS= 41.9 FOM= 0.38 TEST= 0
INDE 5 7 76 FOBS= 0.0 SIGMA= 27.0 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 5 8 17 FOBS= 359.8 SIGMA= 0.4 PHAS= -104.0 FOM= 0.90 TEST= 0
INDE 5 8 19 FOBS= 82.2 SIGMA= 0.6 PHAS= -155.9 FOM= 0.95 TEST= 0
INDE 5 8 21 FOBS= 101.8 SIGMA= 0.6 PHAS= 81.4 FOM= 0.64 TEST= 0
INDE 5 8 23 FOBS= 145.1 SIGMA= 0.5 PHAS= 85.5 FOM= 0.79 TEST= 0
INDE 5 8 25 FOBS= 73.5 SIGMA= 1.1 PHAS= -0.5 FOM= 0.98 TEST= 0
INDE 5 8 27 FOBS= 92.7 SIGMA= 1.1 PHAS= -90.3 FOM= 0.96 TEST= 0
INDE 5 8 29 FOBS= 166.6 SIGMA= 0.7 PHAS= -121.4 FOM= 0.91 TEST= 0
INDE 5 8 31 FOBS= 114.2 SIGMA= 1.0 PHAS= -19.7 FOM= 0.72 TEST= 0
INDE 5 8 33 FOBS= 83.9 SIGMA= 1.4 PHAS= 114.5 FOM= 0.89 TEST= 0
INDE 5 8 35 FOBS= 369.0 SIGMA= 0.5 PHAS= -79.1 FOM= 0.98 TEST= 0
INDE 5 8 37 FOBS= 421.2 SIGMA= 0.7 PHAS= -51.7 FOM= 0.98 TEST= 0
INDE 5 8 39 FOBS= 267.7 SIGMA= 0.8 PHAS= -165.5 FOM= 0.96 TEST= 0
INDE 5 8 41 FOBS= 131.7 SIGMA= 1.2 PHAS= -17.1 FOM= 0.88 TEST= 0
INDE 5 8 43 FOBS= 91.8 SIGMA= 1.8 PHAS= 99.7 FOM= 0.84 TEST= 0
INDE 5 8 45 FOBS= 130.7 SIGMA= 1.5 PHAS= 16.7 FOM= 0.96 TEST= 0

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INDE	5	8	47	FOBS=	83.1	SIGMA=	2.4	PHAS=	121.2	FOM=	0.84	TEST=	0
INDE	5	8	49	FOBS=	135.9	SIGMA=	1.5	PHAS=	146.0	FOM=	0.86	TEST=	0
INDE	5	8	51	FOBS=	157.4	SIGMA=	1.3	PHAS=	-35.0	FOM=	0.84	TEST=	0
INDE	5	8	53	FOBS=	91.5	SIGMA=	2.2	PHAS=	-125.3	FOM=	0.84	TEST=	0
INDE	5	8	55	FOBS=	150.8	SIGMA=	1.4	PHAS=	-26.6	FOM=	0.93	TEST=	0
INDE	5	8	57	FOBS=	201.7	SIGMA=	1.2	PHAS=	130.3	FOM=	0.96	TEST=	0
INDE	5	8	59	FOBS=	127.4	SIGMA=	1.5	PHAS=	34.4	FOM=	0.96	TEST=	0
INDE	5	8	61	FOBS=	53.4	SIGMA=	3.5	PHAS=	-90.5	FOM=	0.94	TEST=	0
INDE	5	8	63	FOBS=	43.9	SIGMA=	4.8	PHAS=	28.4	FOM=	0.72	TEST=	0
INDE	5	8	65	FOBS=	37.2	SIGMA=	6.1	PHAS=	-110.4	FOM=	0.12	TEST=	1
INDE	5	8	67	FOBS=	0.0	SIGMA=	27.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	8	69	FOBS=	20.8	SIGMA=	17.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	5	8	71	FOBS=	14.4	SIGMA=	27.0	PHAS=	65.2	FOM=	0.27	TEST=	0
INDE	5	8	73	FOBS=	29.2	SIGMA=	13.3	PHAS=	139.9	FOM=	0.04	TEST=	0
INDE	5	8	75	FOBS=	66.5	SIGMA=	5.9	PHAS=	-105.5	FOM=	0.83	TEST=	0
INDE	5	8	77	FOBS=	87.7	SIGMA=	4.4	PHAS=	27.8	FOM=	0.75	TEST=	0
INDE	5	9	16	FOBS=	427.3	SIGMA=	0.3	PHAS=	13.5	FOM=	0.94	TEST=	0
INDE	5	9	18	FOBS=	244.7	SIGMA=	0.4	PHAS=	135.7	FOM=	0.90	TEST=	0
INDE	5	9	20	FOBS=	134.4	SIGMA=	0.4	PHAS=	165.4	FOM=	0.62	TEST=	0
INDE	5	9	22	FOBS=	142.5	SIGMA=	0.4	PHAS=	-10.1	FOM=	0.95	TEST=	0
INDE	5	9	24	FOBS=	103.1	SIGMA=	0.6	PHAS=	-114.7	FOM=	0.91	TEST=	0
INDE	5	9	26	FOBS=	226.7	SIGMA=	0.4	PHAS=	135.7	FOM=	0.97	TEST=	0
INDE	5	9	28	FOBS=	143.8	SIGMA=	0.5	PHAS=	72.4	FOM=	0.96	TEST=	0
INDE	5	9	30	FOBS=	170.6	SIGMA=	0.6	PHAS=	131.4	FOM=	0.93	TEST=	1
INDE	5	9	32	FOBS=	294.1	SIGMA=	0.6	PHAS=	-13.3	FOM=	0.99	TEST=	0
INDE	5	9	34	FOBS=	109.0	SIGMA=	0.7	PHAS=	34.1	FOM=	0.72	TEST=	0
INDE	5	9	36	FOBS=	432.1	SIGMA=	0.7	PHAS=	-158.9	FOM=	0.98	TEST=	0
INDE	5	9	38	FOBS=	181.6	SIGMA=	1.0	PHAS=	-163.6	FOM=	0.97	TEST=	0
INDE	5	9	40	FOBS=	133.4	SIGMA=	1.4	PHAS=	129.4	FOM=	0.90	TEST=	0
INDE	5	9	42	FOBS=	197.2	SIGMA=	1.1	PHAS=	40.7	FOM=	0.90	TEST=	0
INDE	5	9	44	FOBS=	0.0	SIGMA=	18.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	9	46	FOBS=	180.7	SIGMA=	1.2	PHAS=	97.6	FOM=	0.91	TEST=	0
INDE	5	9	48	FOBS=	102.1	SIGMA=	2.0	PHAS=	36.8	FOM=	0.90	TEST=	0
INDE	5	9	50	FOBS=	82.4	SIGMA=	2.5	PHAS=	116.5	FOM=	0.78	TEST=	0
INDE	5	9	52	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	9	54	FOBS=	63.6	SIGMA=	3.1	PHAS=	51.6	FOM=	0.85	TEST=	0
INDE	5	9	56	FOBS=	120.3	SIGMA=	1.7	PHAS=	108.3	FOM=	0.90	TEST=	0
INDE	5	9	58	FOBS=	138.1	SIGMA=	1.5	PHAS=	-27.6	FOM=	0.94	TEST=	0
INDE	5	9	60	FOBS=	140.5	SIGMA=	1.7	PHAS=	-170.0	FOM=	0.97	TEST=	0
INDE	5	9	62	FOBS=	42.4	SIGMA=	4.4	PHAS=	-109.5	FOM=	0.70	TEST=	0
INDE	5	9	64	FOBS=	35.5	SIGMA=	6.4	PHAS=	-80.5	FOM=	0.81	TEST=	0
INDE	5	9	66	FOBS=	36.3	SIGMA=	6.7	PHAS=	-54.2	FOM=	0.36	TEST=	0
INDE	5	9	68	FOBS=	0.0	SIGMA=	27.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	9	70	FOBS=	34.5	SIGMA=	10.8	PHAS=	139.4	FOM=	0.43	TEST=	0
INDE	5	9	72	FOBS=	62.9	SIGMA=	6.4	PHAS=	-15.4	FOM=	0.55	TEST=	0
INDE	5	9	74	FOBS=	0.0	SIGMA=	28.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	9	76	FOBS=	95.5	SIGMA=	4.3	PHAS=	-71.8	FOM=	0.94	TEST=	0
INDE	5	10	15	FOBS=	377.4	SIGMA=	0.4	PHAS=	27.9	FOM=	0.96	TEST=	0
INDE	5	10	17	FOBS=	339.7	SIGMA=	0.4	PHAS=	-3.4	FOM=	0.48	TEST=	1
INDE	5	10	19	FOBS=	397.2	SIGMA=	0.4	PHAS=	55.9	FOM=	0.94	TEST=	0
INDE	5	10	21	FOBS=	88.4	SIGMA=	0.6	PHAS=	91.4	FOM=	0.64	TEST=	0
INDE	5	10	23	FOBS=	269.6	SIGMA=	0.4	PHAS=	176.9	FOM=	0.99	TEST=	0
INDE	5	10	25	FOBS=	58.2	SIGMA=	1.0	PHAS=	13.9	FOM=	0.98	TEST=	0
INDE	5	10	27	FOBS=	271.6	SIGMA=	0.5	PHAS=	-6.7	FOM=	0.96	TEST=	0
INDE	5	10	29	FOBS=	171.7	SIGMA=	0.5	PHAS=	-60.6	FOM=	0.96	TEST=	0
INDE	5	10	31	FOBS=	293.2	SIGMA=	0.5	PHAS=	-56.3	FOM=	0.97	TEST=	0
INDE	5	10	33	FOBS=	185.8	SIGMA=	0.5	PHAS=	-144.1	FOM=	0.99	TEST=	0
INDE	5	10	35	FOBS=	0.0	SIGMA=	15.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	10	37	FOBS=	164.2	SIGMA=	1.0	PHAS=	31.3	FOM=	0.92	TEST=	0
INDE	5	10	39	FOBS=	242.8	SIGMA=	0.7	PHAS=	116.9	FOM=	0.92	TEST=	0
INDE	5	10	41	FOBS=	105.1	SIGMA=	1.5	PHAS=	-14.9	FOM=	0.93	TEST=	0
INDE	5	10	43	FOBS=	43.4	SIGMA=	3.9	PHAS=	-149.1	FOM=	0.49	TEST=	0
INDE	5	10	45	FOBS=	288.1	SIGMA=	0.8	PHAS=	38.3	FOM=	0.98	TEST=	0
INDE	5	10	47	FOBS=	52.6	SIGMA=	3.9	PHAS=	-64.1	FOM=	0.66	TEST=	0
INDE	5	10	49	FOBS=	60.0	SIGMA=	3.4	PHAS=	10.5	FOM=	0.89	TEST=	0
INDE	5	10	51	FOBS=	247.0	SIGMA=	0.9	PHAS=	29.1	FOM=	0.95	TEST=	0
INDE	5	10	53	FOBS=	284.5	SIGMA=	0.9	PHAS=	-86.6	FOM=	0.98	TEST=	0
INDE	5	10	55	FOBS=	190.1	SIGMA=	1.1	PHAS=	-14.2	FOM=	0.95	TEST=	0
INDE	5	10	57	FOBS=	47.1	SIGMA=	4.1	PHAS=	60.7	FOM=	0.92	TEST=	0
INDE	5	10	59	FOBS=	43.3	SIGMA=	4.4	PHAS=	87.7	FOM=	0.58	TEST=	0

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INDE	5	10	61	FOBS=	58.5	SIGMA=	3.3	PHAS=	-160.4	FOM=	0.69	TEST=	0
INDE	5	10	63	FOBS=	51.2	SIGMA=	4.1	PHAS=	-139.4	FOM=	0.68	TEST=	0
INDE	5	10	65	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	10	67	FOBS=	78.3	SIGMA=	3.6	PHAS=	-168.3	FOM=	0.87	TEST=	0
INDE	5	10	69	FOBS=	50.2	SIGMA=	7.8	PHAS=	88.7	FOM=	0.09	TEST=	1
INDE	5	10	71	FOBS=	83.8	SIGMA=	4.7	PHAS=	139.3	FOM=	0.79	TEST=	0
INDE	5	10	73	FOBS=	45.6	SIGMA=	9.0	PHAS=	-20.9	FOM=	0.78	TEST=	0
INDE	5	10	75	FOBS=	35.9	SIGMA=	11.2	PHAS=	-137.0	FOM=	0.41	TEST=	0
INDE	5	11	14	FOBS=	59.6	SIGMA=	0.7	PHAS=	22.0	FOM=	0.77	TEST=	0
INDE	5	11	16	FOBS=	154.0	SIGMA=	0.4	PHAS=	-108.5	FOM=	0.88	TEST=	1
INDE	5	11	18	FOBS=	308.6	SIGMA=	0.4	PHAS=	-36.1	FOM=	0.96	TEST=	0
INDE	5	11	20	FOBS=	178.0	SIGMA=	0.4	PHAS=	-14.6	FOM=	0.95	TEST=	0
INDE	5	11	22	FOBS=	253.1	SIGMA=	0.4	PHAS=	63.0	FOM=	0.92	TEST=	0
INDE	5	11	24	FOBS=	161.3	SIGMA=	0.5	PHAS=	86.1	FOM=	0.99	TEST=	0
INDE	5	11	26	FOBS=	72.8	SIGMA=	0.9	PHAS=	-139.9	FOM=	0.87	TEST=	0
INDE	5	11	28	FOBS=	184.7	SIGMA=	0.4	PHAS=	-70.7	FOM=	0.97	TEST=	0
INDE	5	11	30	FOBS=	371.3	SIGMA=	0.6	PHAS=	-161.6	FOM=	0.98	TEST=	0
INDE	5	11	32	FOBS=	102.9	SIGMA=	0.8	PHAS=	-95.9	FOM=	0.96	TEST=	0
INDE	5	11	34	FOBS=	97.7	SIGMA=	1.0	PHAS=	-7.6	FOM=	0.92	TEST=	0
INDE	5	11	36	FOBS=	121.1	SIGMA=	0.9	PHAS=	75.9	FOM=	0.96	TEST=	0
INDE	5	11	38	FOBS=	109.1	SIGMA=	1.3	PHAS=	-35.0	FOM=	0.77	TEST=	0
INDE	5	11	40	FOBS=	96.6	SIGMA=	1.6	PHAS=	67.9	FOM=	0.07	TEST=	0
INDE	5	11	42	FOBS=	291.9	SIGMA=	0.8	PHAS=	52.2	FOM=	0.88	TEST=	0
INDE	5	11	44	FOBS=	159.4	SIGMA=	1.2	PHAS=	-78.1	FOM=	0.93	TEST=	1
INDE	5	11	46	FOBS=	66.6	SIGMA=	3.1	PHAS=	-83.2	FOM=	0.95	TEST=	0
INDE	5	11	48	FOBS=	66.6	SIGMA=	3.1	PHAS=	-77.8	FOM=	0.93	TEST=	0
INDE	5	11	50	FOBS=	91.6	SIGMA=	2.2	PHAS=	-115.5	FOM=	0.71	TEST=	0
INDE	5	11	52	FOBS=	150.0	SIGMA=	1.4	PHAS=	-135.1	FOM=	0.95	TEST=	0
INDE	5	11	54	FOBS=	171.9	SIGMA=	1.3	PHAS=	176.3	FOM=	0.94	TEST=	0
INDE	5	11	56	FOBS=	34.0	SIGMA=	6.7	PHAS=	-71.4	FOM=	0.74	TEST=	0
INDE	5	11	58	FOBS=	192.1	SIGMA=	1.1	PHAS=	-27.2	FOM=	0.95	TEST=	0
INDE	5	11	60	FOBS=	101.4	SIGMA=	2.0	PHAS=	147.4	FOM=	0.94	TEST=	0
INDE	5	11	62	FOBS=	71.4	SIGMA=	2.7	PHAS=	160.4	FOM=	0.87	TEST=	0
INDE	5	11	64	FOBS=	47.2	SIGMA=	4.9	PHAS=	-144.1	FOM=	0.47	TEST=	0
INDE	5	11	66	FOBS=	78.2	SIGMA=	3.8	PHAS=	107.4	FOM=	0.90	TEST=	0
INDE	5	11	68	FOBS=	32.9	SIGMA=	12.3	PHAS=	134.6	FOM=	0.62	TEST=	0
INDE	5	11	70	FOBS=	61.5	SIGMA=	4.7	PHAS=	31.2	FOM=	0.75	TEST=	0
INDE	5	11	72	FOBS=	32.2	SIGMA=	12.2	PHAS=	-145.7	FOM=	0.65	TEST=	0
INDE	5	11	74	FOBS=	60.0	SIGMA=	7.1	PHAS=	73.5	FOM=	0.26	TEST=	0
INDE	5	11	76	FOBS=	90.2	SIGMA=	4.7	PHAS=	-56.1	FOM=	0.88	TEST=	0
INDE	5	12	13	FOBS=	207.0	SIGMA=	0.5	PHAS=	93.8	FOM=	0.10	TEST=	1
INDE	5	12	15	FOBS=	332.3	SIGMA=	0.5	PHAS=	-80.6	FOM=	0.99	TEST=	0
INDE	5	12	17	FOBS=	34.2	SIGMA=	1.3	PHAS=	-49.0	FOM=	0.57	TEST=	0
INDE	5	12	19	FOBS=	137.0	SIGMA=	0.5	PHAS=	92.3	FOM=	0.92	TEST=	0
INDE	5	12	21	FOBS=	183.2	SIGMA=	0.5	PHAS=	-13.7	FOM=	0.64	TEST=	1
INDE	5	12	23	FOBS=	73.4	SIGMA=	0.8	PHAS=	-21.8	FOM=	0.97	TEST=	0
INDE	5	12	25	FOBS=	99.3	SIGMA=	0.6	PHAS=	31.6	FOM=	0.99	TEST=	0
INDE	5	12	27	FOBS=	125.1	SIGMA=	0.6	PHAS=	-141.8	FOM=	0.99	TEST=	0
INDE	5	12	29	FOBS=	164.7	SIGMA=	0.6	PHAS=	-167.6	FOM=	0.97	TEST=	0
INDE	5	12	31	FOBS=	85.5	SIGMA=	0.9	PHAS=	63.8	FOM=	0.86	TEST=	0
INDE	5	12	33	FOBS=	104.4	SIGMA=	0.8	PHAS=	-131.3	FOM=	0.56	TEST=	1
INDE	5	12	35	FOBS=	193.9	SIGMA=	0.7	PHAS=	150.6	FOM=	0.77	TEST=	1
INDE	5	12	37	FOBS=	61.1	SIGMA=	1.5	PHAS=	72.4	FOM=	0.95	TEST=	0
INDE	5	12	39	FOBS=	91.8	SIGMA=	1.7	PHAS=	-128.9	FOM=	0.75	TEST=	0
INDE	5	12	41	FOBS=	184.2	SIGMA=	1.0	PHAS=	166.8	FOM=	0.34	TEST=	1
INDE	5	12	43	FOBS=	83.8	SIGMA=	2.2	PHAS=	-47.7	FOM=	0.93	TEST=	1
INDE	5	12	45	FOBS=	155.8	SIGMA=	1.3	PHAS=	-135.2	FOM=	0.95	TEST=	1
INDE	5	12	47	FOBS=	21.3	SIGMA=	10.7	PHAS=	-61.5	FOM=	0.13	TEST=	0
INDE	5	12	49	FOBS=	143.8	SIGMA=	1.5	PHAS=	68.1	FOM=	0.93	TEST=	0
INDE	5	12	51	FOBS=	99.9	SIGMA=	2.0	PHAS=	14.4	FOM=	0.86	TEST=	0
INDE	5	12	53	FOBS=	45.7	SIGMA=	4.4	PHAS=	-40.1	FOM=	0.73	TEST=	0
INDE	5	12	55	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	5	12	57	FOBS=	98.3	SIGMA=	2.0	PHAS=	-71.7	FOM=	0.73	TEST=	0
INDE	5	12	59	FOBS=	53.0	SIGMA=	3.7	PHAS=	-102.0	FOM=	0.83	TEST=	0
INDE	5	12	61	FOBS=	28.4	SIGMA=	8.4	PHAS=	-158.2	FOM=	0.28	TEST=	0
INDE	5	12	63	FOBS=	33.0	SIGMA=	7.0	PHAS=	74.8	FOM=	0.49	TEST=	0
INDE	5	12	65	FOBS=	77.6	SIGMA=	3.5	PHAS=	43.6	FOM=	0.90	TEST=	0
INDE	5	12	67	FOBS=	77.5	SIGMA=	3.9	PHAS=	64.4	FOM=	0.84	TEST=	0
INDE	5	12	69	FOBS=	9.9	SIGMA=	29.9	PHAS=	-5.5	FOM=	0.11	TEST=	0
INDE	5	12	71	FOBS=	13.0	SIGMA=	22.5	PHAS=	10.4	FOM=	0.07	TEST=	0

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INDE	5	12	73	FOBS=	0.0	SIGMA=	24.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	12	75	FOBS=	0.0	SIGMA=	29.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	13	12	FOBS=	162.9	SIGMA=	0.5	PHAS=	104.7	FOM=	0.87	TEST=	0
INDE	5	13	14	FOBS=	245.8	SIGMA=	0.5	PHAS=	-146.9	FOM=	0.93	TEST=	0
INDE	5	13	16	FOBS=	313.2	SIGMA=	0.4	PHAS=	172.4	FOM=	0.94	TEST=	0
INDE	5	13	18	FOBS=	124.2	SIGMA=	0.4	PHAS=	-163.6	FOM=	0.99	TEST=	0
INDE	5	13	20	FOBS=	136.3	SIGMA=	0.4	PHAS=	-31.2	FOM=	0.86	TEST=	0
INDE	5	13	22	FOBS=	146.8	SIGMA=	0.5	PHAS=	102.0	FOM=	0.97	TEST=	0
INDE	5	13	24	FOBS=	60.5	SIGMA=	1.0	PHAS=	-3.0	FOM=	0.72	TEST=	0
INDE	5	13	26	FOBS=	68.4	SIGMA=	0.9	PHAS=	-145.5	FOM=	0.46	TEST=	0
INDE	5	13	28	FOBS=	239.9	SIGMA=	0.4	PHAS=	150.5	FOM=	0.95	TEST=	0
INDE	5	13	30	FOBS=	86.5	SIGMA=	0.9	PHAS=	168.2	FOM=	0.96	TEST=	0
INDE	5	13	32	FOBS=	180.7	SIGMA=	0.6	PHAS=	-62.3	FOM=	0.98	TEST=	0
INDE	5	13	34	FOBS=	57.3	SIGMA=	1.4	PHAS=	-109.8	FOM=	0.95	TEST=	0
INDE	5	13	36	FOBS=	217.2	SIGMA=	0.6	PHAS=	62.6	FOM=	0.98	TEST=	0
INDE	5	13	38	FOBS=	0.0	SIGMA=	17.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	13	40	FOBS=	183.1	SIGMA=	1.3	PHAS=	141.4	FOM=	0.93	TEST=	0
INDE	5	13	42	FOBS=	56.7	SIGMA=	3.1	PHAS=	27.9	FOM=	0.36	TEST=	0
INDE	5	13	44	FOBS=	116.5	SIGMA=	1.7	PHAS=	-139.1	FOM=	0.95	TEST=	0
INDE	5	13	46	FOBS=	134.2	SIGMA=	1.6	PHAS=	172.0	FOM=	0.94	TEST=	0
INDE	5	13	48	FOBS=	275.4	SIGMA=	0.9	PHAS=	-34.7	FOM=	0.95	TEST=	0
INDE	5	13	50	FOBS=	129.6	SIGMA=	1.6	PHAS=	-87.6	FOM=	0.96	TEST=	0
INDE	5	13	52	FOBS=	274.5	SIGMA=	0.9	PHAS=	-93.8	FOM=	0.98	TEST=	0
INDE	5	13	54	FOBS=	67.7	SIGMA=	2.9	PHAS=	165.5	FOM=	0.64	TEST=	0
INDE	5	13	56	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	13	58	FOBS=	90.6	SIGMA=	2.2	PHAS=	151.0	FOM=	0.92	TEST=	0
INDE	5	13	60	FOBS=	195.9	SIGMA=	1.1	PHAS=	-159.0	FOM=	0.96	TEST=	0
INDE	5	13	62	FOBS=	53.0	SIGMA=	3.6	PHAS=	127.1	FOM=	0.51	TEST=	1
INDE	5	13	64	FOBS=	126.3	SIGMA=	2.2	PHAS=	-12.1	FOM=	0.92	TEST=	0
INDE	5	13	66	FOBS=	132.5	SIGMA=	3.2	PHAS=	-37.8	FOM=	0.94	TEST=	0
INDE	5	13	68	FOBS=	61.3	SIGMA=	4.9	PHAS=	-88.0	FOM=	0.57	TEST=	0
INDE	5	13	70	FOBS=	53.3	SIGMA=	5.7	PHAS=	-65.4	FOM=	0.76	TEST=	0
INDE	5	13	72	FOBS=	68.2	SIGMA=	4.4	PHAS=	-138.8	FOM=	0.87	TEST=	0
INDE	5	13	74	FOBS=	49.6	SIGMA=	6.3	PHAS=	88.1	FOM=	0.80	TEST=	0
INDE	5	13	76	FOBS=	53.6	SIGMA=	8.4	PHAS=	-26.4	FOM=	0.87	TEST=	0
INDE	5	14	11	FOBS=	283.2	SIGMA=	0.4	PHAS=	-68.2	FOM=	0.75	TEST=	0
INDE	5	14	13	FOBS=	161.3	SIGMA=	0.5	PHAS=	12.1	FOM=	0.72	TEST=	0
INDE	5	14	15	FOBS=	152.1	SIGMA=	0.7	PHAS=	68.6	FOM=	0.89	TEST=	0
INDE	5	14	17	FOBS=	152.5	SIGMA=	0.4	PHAS=	37.5	FOM=	0.86	TEST=	0
INDE	5	14	19	FOBS=	251.0	SIGMA=	0.4	PHAS=	26.4	FOM=	0.99	TEST=	0
INDE	5	14	21	FOBS=	117.6	SIGMA=	0.5	PHAS=	-21.7	FOM=	0.94	TEST=	0
INDE	5	14	23	FOBS=	152.2	SIGMA=	0.5	PHAS=	-11.7	FOM=	0.98	TEST=	0
INDE	5	14	25	FOBS=	48.2	SIGMA=	1.3	PHAS=	-19.9	FOM=	0.82	TEST=	0
INDE	5	14	27	FOBS=	83.8	SIGMA=	0.8	PHAS=	76.4	FOM=	0.79	TEST=	0
INDE	5	14	29	FOBS=	131.8	SIGMA=	0.6	PHAS=	-128.0	FOM=	0.98	TEST=	0
INDE	5	14	31	FOBS=	26.0	SIGMA=	3.0	PHAS=	-139.7	FOM=	0.28	TEST=	0
INDE	5	14	33	FOBS=	80.6	SIGMA=	1.1	PHAS=	17.8	FOM=	0.48	TEST=	0
INDE	5	14	35	FOBS=	117.2	SIGMA=	1.0	PHAS=	-144.5	FOM=	0.92	TEST=	0
INDE	5	14	37	FOBS=	140.1	SIGMA=	1.0	PHAS=	3.2	FOM=	0.90	TEST=	0
INDE	5	14	39	FOBS=	85.6	SIGMA=	1.8	PHAS=	14.1	FOM=	0.70	TEST=	0
INDE	5	14	41	FOBS=	126.9	SIGMA=	1.4	PHAS=	171.8	FOM=	0.95	TEST=	1
INDE	5	14	43	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	14	45	FOBS=	68.5	SIGMA=	3.0	PHAS=	159.7	FOM=	0.94	TEST=	0
INDE	5	14	47	FOBS=	185.5	SIGMA=	1.2	PHAS=	140.5	FOM=	0.91	TEST=	0
INDE	5	14	49	FOBS=	89.5	SIGMA=	2.3	PHAS=	-81.9	FOM=	0.87	TEST=	1
INDE	5	14	51	FOBS=	114.2	SIGMA=	1.8	PHAS=	-149.1	FOM=	0.94	TEST=	0
INDE	5	14	53	FOBS=	203.6	SIGMA=	1.1	PHAS=	144.9	FOM=	0.89	TEST=	0
INDE	5	14	55	FOBS=	49.9	SIGMA=	4.2	PHAS=	71.8	FOM=	0.23	TEST=	0
INDE	5	14	57	FOBS=	88.7	SIGMA=	2.2	PHAS=	87.6	FOM=	0.72	TEST=	0
INDE	5	14	59	FOBS=	148.9	SIGMA=	1.4	PHAS=	92.3	FOM=	0.89	TEST=	0
INDE	5	14	61	FOBS=	124.5	SIGMA=	1.6	PHAS=	110.0	FOM=	0.53	TEST=	1
INDE	5	14	63	FOBS=	41.7	SIGMA=	5.6	PHAS=	-156.3	FOM=	0.26	TEST=	1
INDE	5	14	65	FOBS=	142.7	SIGMA=	2.4	PHAS=	-105.0	FOM=	0.93	TEST=	0
INDE	5	14	67	FOBS=	34.4	SIGMA=	12.2	PHAS=	-156.6	FOM=	0.50	TEST=	0
INDE	5	14	69	FOBS=	46.3	SIGMA=	6.4	PHAS=	161.7	FOM=	0.18	TEST=	0
INDE	5	14	71	FOBS=	49.1	SIGMA=	6.2	PHAS=	-141.6	FOM=	0.18	TEST=	1
INDE	5	14	73	FOBS=	22.0	SIGMA=	14.0	PHAS=	-139.6	FOM=	0.25	TEST=	0
INDE	5	14	75	FOBS=	77.6	SIGMA=	6.0	PHAS=	-6.5	FOM=	0.90	TEST=	0
INDE	5	15	10	FOBS=	345.3	SIGMA=	0.5	PHAS=	93.9	FOM=	0.89	TEST=	0
INDE	5	15	12	FOBS=	317.3	SIGMA=	0.5	PHAS=	-125.5	FOM=	0.95	TEST=	0

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INDE	5	15	14	FOBS=	158.4	SIGMA=	0.5	PHAS=	-62.4	FOM=	0.71	TEST=	0
INDE	5	15	16	FOBS=	117.9	SIGMA=	0.5	PHAS=	-108.1	FOM=	0.79	TEST=	0
INDE	5	15	18	FOBS=	111.3	SIGMA=	0.5	PHAS=	-99.3	FOM=	0.85	TEST=	0
INDE	5	15	20	FOBS=	58.9	SIGMA=	0.9	PHAS=	-10.9	FOM=	0.99	TEST=	0
INDE	5	15	22	FOBS=	41.8	SIGMA=	1.3	PHAS=	-96.3	FOM=	0.90	TEST=	0
INDE	5	15	24	FOBS=	255.5	SIGMA=	0.5	PHAS=	-93.8	FOM=	0.99	TEST=	0
INDE	5	15	26	FOBS=	33.4	SIGMA=	1.9	PHAS=	151.1	FOM=	0.41	TEST=	0
INDE	5	15	28	FOBS=	219.6	SIGMA=	0.5	PHAS=	-135.3	FOM=	0.99	TEST=	0
INDE	5	15	30	FOBS=	93.6	SIGMA=	0.9	PHAS=	-151.3	FOM=	0.98	TEST=	0
INDE	5	15	32	FOBS=	197.5	SIGMA=	0.7	PHAS=	-43.6	FOM=	0.98	TEST=	0
INDE	5	15	34	FOBS=	150.6	SIGMA=	0.8	PHAS=	37.5	FOM=	0.99	TEST=	0
INDE	5	15	36	FOBS=	137.4	SIGMA=	0.9	PHAS=	-33.7	FOM=	0.99	TEST=	0
INDE	5	15	38	FOBS=	116.7	SIGMA=	1.2	PHAS=	11.3	FOM=	0.96	TEST=	0
INDE	5	15	40	FOBS=	131.1	SIGMA=	1.3	PHAS=	19.4	FOM=	0.96	TEST=	0
INDE	5	15	42	FOBS=	74.1	SIGMA=	1.7	PHAS=	10.7	FOM=	0.68	TEST=	0
INDE	5	15	44	FOBS=	119.1	SIGMA=	1.7	PHAS=	121.5	FOM=	0.96	TEST=	0
INDE	5	15	46	FOBS=	114.0	SIGMA=	1.9	PHAS=	-19.9	FOM=	0.88	TEST=	0
INDE	5	15	48	FOBS=	84.4	SIGMA=	2.5	PHAS=	-64.7	FOM=	0.58	TEST=	0
INDE	5	15	50	FOBS=	102.4	SIGMA=	2.1	PHAS=	-158.8	FOM=	0.90	TEST=	0
INDE	5	15	52	FOBS=	101.0	SIGMA=	2.1	PHAS=	-37.6	FOM=	0.84	TEST=	0
INDE	5	15	54	FOBS=	106.5	SIGMA=	1.9	PHAS=	-160.3	FOM=	0.36	TEST=	0
INDE	5	15	56	FOBS=	196.0	SIGMA=	1.3	PHAS=	-10.8	FOM=	0.96	TEST=	0
INDE	5	15	58	FOBS=	87.5	SIGMA=	2.3	PHAS=	7.1	FOM=	0.77	TEST=	0
INDE	5	15	60	FOBS=	41.3	SIGMA=	5.0	PHAS=	-33.3	FOM=	0.24	TEST=	1
INDE	5	15	62	FOBS=	70.6	SIGMA=	2.8	PHAS=	49.6	FOM=	0.89	TEST=	0
INDE	5	15	64	FOBS=	68.1	SIGMA=	4.1	PHAS=	130.0	FOM=	0.66	TEST=	0
INDE	5	15	66	FOBS=	90.8	SIGMA=	4.7	PHAS=	-178.9	FOM=	0.91	TEST=	0
INDE	5	15	68	FOBS=	51.6	SIGMA=	5.9	PHAS=	-24.2	FOM=	0.76	TEST=	0
INDE	5	15	70	FOBS=	33.4	SIGMA=	9.1	PHAS=	-97.0	FOM=	0.70	TEST=	0
INDE	5	15	72	FOBS=	70.7	SIGMA=	4.5	PHAS=	-155.3	FOM=	0.90	TEST=	0
INDE	5	15	74	FOBS=	63.9	SIGMA=	4.9	PHAS=	115.0	FOM=	0.67	TEST=	0
INDE	5	15	76	FOBS=	46.5	SIGMA=	7.1	PHAS=	-85.6	FOM=	0.65	TEST=	0
INDE	5	16	7	FOBS=	81.0	SIGMA=	0.7	PHAS=	-151.6	FOM=	0.73	TEST=	0
INDE	5	16	9	FOBS=	180.7	SIGMA=	0.5	PHAS=	73.8	FOM=	0.99	TEST=	0
INDE	5	16	11	FOBS=	244.2	SIGMA=	0.4	PHAS=	140.9	FOM=	0.91	TEST=	0
INDE	5	16	13	FOBS=	283.3	SIGMA=	0.5	PHAS=	143.9	FOM=	0.93	TEST=	0
INDE	5	16	15	FOBS=	170.7	SIGMA=	0.5	PHAS=	-35.2	FOM=	0.99	TEST=	0
INDE	5	16	17	FOBS=	77.2	SIGMA=	0.8	PHAS=	10.8	FOM=	0.85	TEST=	0
INDE	5	16	19	FOBS=	269.8	SIGMA=	0.4	PHAS=	12.2	FOM=	0.96	TEST=	0
INDE	5	16	21	FOBS=	104.1	SIGMA=	0.6	PHAS=	-76.2	FOM=	0.98	TEST=	0
INDE	5	16	23	FOBS=	210.2	SIGMA=	0.4	PHAS=	-147.5	FOM=	0.99	TEST=	0
INDE	5	16	25	FOBS=	170.2	SIGMA=	0.4	PHAS=	174.9	FOM=	0.84	TEST=	1
INDE	5	16	27	FOBS=	129.0	SIGMA=	0.7	PHAS=	101.8	FOM=	0.96	TEST=	0
INDE	5	16	29	FOBS=	103.4	SIGMA=	1.0	PHAS=	-153.1	FOM=	0.77	TEST=	0
INDE	5	16	31	FOBS=	196.6	SIGMA=	0.7	PHAS=	171.6	FOM=	0.99	TEST=	0
INDE	5	16	33	FOBS=	143.1	SIGMA=	0.9	PHAS=	-48.8	FOM=	0.91	TEST=	0
INDE	5	16	35	FOBS=	181.0	SIGMA=	0.7	PHAS=	-96.3	FOM=	0.99	TEST=	0
INDE	5	16	37	FOBS=	43.9	SIGMA=	2.8	PHAS=	-168.9	FOM=	0.26	TEST=	0
INDE	5	16	39	FOBS=	205.3	SIGMA=	0.7	PHAS=	-27.7	FOM=	0.96	TEST=	0
INDE	5	16	41	FOBS=	277.2	SIGMA=	0.8	PHAS=	-127.9	FOM=	0.93	TEST=	1
INDE	5	16	43	FOBS=	104.9	SIGMA=	1.4	PHAS=	-12.6	FOM=	0.79	TEST=	0
INDE	5	16	45	FOBS=	167.8	SIGMA=	1.4	PHAS=	-1.9	FOM=	0.82	TEST=	1
INDE	5	16	47	FOBS=	156.1	SIGMA=	1.7	PHAS=	176.6	FOM=	0.89	TEST=	0
INDE	5	16	49	FOBS=	109.0	SIGMA=	2.0	PHAS=	-120.2	FOM=	0.86	TEST=	0
INDE	5	16	51	FOBS=	152.0	SIGMA=	1.4	PHAS=	-73.1	FOM=	0.93	TEST=	0
INDE	5	16	53	FOBS=	137.2	SIGMA=	1.6	PHAS=	-161.2	FOM=	0.93	TEST=	0
INDE	5	16	55	FOBS=	186.7	SIGMA=	1.2	PHAS=	-100.7	FOM=	0.96	TEST=	0
INDE	5	16	57	FOBS=	52.6	SIGMA=	4.0	PHAS=	-172.5	FOM=	0.30	TEST=	0
INDE	5	16	59	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	16	61	FOBS=	10.9	SIGMA=	17.7	PHAS=	23.9	FOM=	0.13	TEST=	0
INDE	5	16	63	FOBS=	11.8	SIGMA=	17.4	PHAS=	4.1	FOM=	0.11	TEST=	0
INDE	5	16	65	FOBS=	82.0	SIGMA=	5.4	PHAS=	61.6	FOM=	0.63	TEST=	0
INDE	5	16	67	FOBS=	118.6	SIGMA=	3.8	PHAS=	101.6	FOM=	0.95	TEST=	0
INDE	5	16	69	FOBS=	0.0	SIGMA=	24.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	16	71	FOBS=	38.5	SIGMA=	8.1	PHAS=	54.5	FOM=	0.03	TEST=	1
INDE	5	16	73	FOBS=	45.3	SIGMA=	7.0	PHAS=	81.6	FOM=	0.68	TEST=	0
INDE	5	16	75	FOBS=	0.0	SIGMA=	25.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	17	6	FOBS=	215.0	SIGMA=	0.4	PHAS=	-163.7	FOM=	0.31	TEST=	0
INDE	5	17	8	FOBS=	213.4	SIGMA=	0.5	PHAS=	-18.8	FOM=	0.64	TEST=	0
INDE	5	17	10	FOBS=	281.4	SIGMA=	0.5	PHAS=	50.0	FOM=	0.94	TEST=	0

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INDE	5	17	12	FOBS=	204.6	SIGMA=	0.5	PHAS=	23.8	FOM=	0.88	TEST=	0
INDE	5	17	14	FOBS=	158.0	SIGMA=	0.7	PHAS=	-125.0	FOM=	0.38	TEST=	0
INDE	5	17	16	FOBS=	91.4	SIGMA=	0.8	PHAS=	-114.2	FOM=	0.96	TEST=	0
INDE	5	17	18	FOBS=	148.1	SIGMA=	0.5	PHAS=	-89.6	FOM=	0.90	TEST=	0
INDE	5	17	20	FOBS=	63.5	SIGMA=	1.0	PHAS=	154.8	FOM=	0.31	TEST=	0
INDE	5	17	22	FOBS=	154.6	SIGMA=	0.5	PHAS=	-167.6	FOM=	0.91	TEST=	0
INDE	5	17	24	FOBS=	269.4	SIGMA=	0.5	PHAS=	94.0	FOM=	0.93	TEST=	0
INDE	5	17	26	FOBS=	93.6	SIGMA=	0.8	PHAS=	94.7	FOM=	0.93	TEST=	0
INDE	5	17	28	FOBS=	144.4	SIGMA=	0.7	PHAS=	173.1	FOM=	0.94	TEST=	0
INDE	5	17	30	FOBS=	96.8	SIGMA=	1.1	PHAS=	-179.0	FOM=	0.85	TEST=	1
INDE	5	17	32	FOBS=	103.5	SIGMA=	1.1	PHAS=	-52.5	FOM=	0.96	TEST=	0
INDE	5	17	34	FOBS=	83.1	SIGMA=	1.4	PHAS=	-5.7	FOM=	0.87	TEST=	0
INDE	5	17	36	FOBS=	324.0	SIGMA=	0.6	PHAS=	-74.2	FOM=	0.98	TEST=	0
INDE	5	17	38	FOBS=	137.4	SIGMA=	1.0	PHAS=	9.9	FOM=	0.93	TEST=	0
INDE	5	17	40	FOBS=	148.9	SIGMA=	1.0	PHAS=	85.8	FOM=	0.81	TEST=	0
INDE	5	17	42	FOBS=	44.7	SIGMA=	3.0	PHAS=	179.6	FOM=	0.39	TEST=	0
INDE	5	17	44	FOBS=	183.2	SIGMA=	0.9	PHAS=	112.8	FOM=	0.62	TEST=	1
INDE	5	17	46	FOBS=	259.0	SIGMA=	1.1	PHAS=	-15.3	FOM=	0.96	TEST=	0
INDE	5	17	48	FOBS=	80.1	SIGMA=	2.7	PHAS=	122.9	FOM=	0.81	TEST=	0
INDE	5	17	50	FOBS=	166.3	SIGMA=	1.3	PHAS=	-97.5	FOM=	0.96	TEST=	0
INDE	5	17	52	FOBS=	115.9	SIGMA=	1.8	PHAS=	-47.1	FOM=	0.11	TEST=	1
INDE	5	17	54	FOBS=	182.6	SIGMA=	1.2	PHAS=	147.7	FOM=	0.93	TEST=	0
INDE	5	17	56	FOBS=	31.9	SIGMA=	6.8	PHAS=	-61.4	FOM=	0.70	TEST=	0
INDE	5	17	58	FOBS=	103.8	SIGMA=	1.9	PHAS=	2.0	FOM=	0.82	TEST=	0
INDE	5	17	60	FOBS=	32.2	SIGMA=	6.0	PHAS=	-65.2	FOM=	0.43	TEST=	0
INDE	5	17	62	FOBS=	12.0	SIGMA=	15.8	PHAS=	-166.6	FOM=	0.13	TEST=	0
INDE	5	17	64	FOBS=	47.3	SIGMA=	7.1	PHAS=	31.4	FOM=	0.58	TEST=	0
INDE	5	17	66	FOBS=	74.9	SIGMA=	5.8	PHAS=	35.8	FOM=	0.89	TEST=	0
INDE	5	17	68	FOBS=	109.9	SIGMA=	4.1	PHAS=	-36.0	FOM=	0.96	TEST=	0
INDE	5	17	70	FOBS=	109.9	SIGMA=	3.0	PHAS=	-128.9	FOM=	0.27	TEST=	1
INDE	5	17	72	FOBS=	72.4	SIGMA=	4.4	PHAS=	-124.3	FOM=	0.76	TEST=	0
INDE	5	17	74	FOBS=	0.0	SIGMA=	25.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	5	18	5	FOBS=	293.5	SIGMA=	0.4	PHAS=	42.6	FOM=	0.85	TEST=	0
INDE	5	18	7	FOBS=	339.4	SIGMA=	0.6	PHAS=	-75.6	FOM=	0.94	TEST=	0
INDE	5	18	9	FOBS=	194.6	SIGMA=	0.6	PHAS=	-91.6	FOM=	0.92	TEST=	0
INDE	5	18	11	FOBS=	45.0	SIGMA=	2.0	PHAS=	48.8	FOM=	0.59	TEST=	0
INDE	5	18	13	FOBS=	194.4	SIGMA=	0.6	PHAS=	-157.8	FOM=	0.77	TEST=	0
INDE	5	18	15	FOBS=	30.5	SIGMA=	3.3	PHAS=	-170.1	FOM=	0.63	TEST=	0
INDE	5	18	17	FOBS=	185.9	SIGMA=	0.6	PHAS=	78.0	FOM=	0.91	TEST=	0
INDE	5	18	19	FOBS=	36.0	SIGMA=	2.0	PHAS=	32.4	FOM=	0.95	TEST=	0
INDE	5	18	21	FOBS=	115.1	SIGMA=	0.7	PHAS=	34.3	FOM=	0.98	TEST=	0
INDE	5	18	23	FOBS=	42.8	SIGMA=	1.7	PHAS=	54.4	FOM=	0.86	TEST=	0
INDE	5	18	25	FOBS=	100.7	SIGMA=	0.8	PHAS=	-3.1	FOM=	0.89	TEST=	0
INDE	5	18	27	FOBS=	167.4	SIGMA=	0.6	PHAS=	66.3	FOM=	0.95	TEST=	0
INDE	5	18	29	FOBS=	123.9	SIGMA=	0.8	PHAS=	132.9	FOM=	0.99	TEST=	0
INDE	5	18	31	FOBS=	208.5	SIGMA=	0.7	PHAS=	137.3	FOM=	0.95	TEST=	0
INDE	5	18	33	FOBS=	100.3	SIGMA=	1.2	PHAS=	-58.9	FOM=	0.89	TEST=	0
INDE	5	18	35	FOBS=	298.1	SIGMA=	0.6	PHAS=	-130.2	FOM=	0.96	TEST=	0
INDE	5	18	37	FOBS=	238.4	SIGMA=	0.7	PHAS=	-150.7	FOM=	0.96	TEST=	0
INDE	5	18	39	FOBS=	145.0	SIGMA=	1.0	PHAS=	-35.1	FOM=	0.95	TEST=	0
INDE	5	18	41	FOBS=	100.3	SIGMA=	1.5	PHAS=	-69.8	FOM=	0.85	TEST=	0
INDE	5	18	43	FOBS=	178.5	SIGMA=	0.7	PHAS=	0.1	FOM=	0.96	TEST=	0
INDE	5	18	45	FOBS=	111.4	SIGMA=	1.5	PHAS=	-41.7	FOM=	0.95	TEST=	0
INDE	5	18	47	FOBS=	38.9	SIGMA=	4.0	PHAS=	121.7	FOM=	0.32	TEST=	0
INDE	5	18	49	FOBS=	219.2	SIGMA=	1.1	PHAS=	-129.8	FOM=	0.94	TEST=	0
INDE	5	18	51	FOBS=	116.1	SIGMA=	1.9	PHAS=	-66.0	FOM=	0.96	TEST=	0
INDE	5	18	53	FOBS=	182.4	SIGMA=	1.2	PHAS=	-22.9	FOM=	0.07	TEST=	1
INDE	5	18	55	FOBS=	33.0	SIGMA=	6.2	PHAS=	-15.4	FOM=	0.52	TEST=	0
INDE	5	18	57	FOBS=	167.7	SIGMA=	1.3	PHAS=	-136.4	FOM=	0.95	TEST=	0
INDE	5	18	59	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	18	61	FOBS=	128.0	SIGMA=	1.6	PHAS=	151.3	FOM=	0.95	TEST=	0
INDE	5	18	63	FOBS=	105.3	SIGMA=	2.3	PHAS=	25.0	FOM=	0.46	TEST=	0
INDE	5	18	65	FOBS=	38.1	SIGMA=	11.5	PHAS=	-53.0	FOM=	0.01	TEST=	1
INDE	5	18	67	FOBS=	56.4	SIGMA=	7.8	PHAS=	100.4	FOM=	0.77	TEST=	0
INDE	5	18	69	FOBS=	106.1	SIGMA=	4.3	PHAS=	-141.7	FOM=	0.91	TEST=	0
INDE	5	18	71	FOBS=	37.1	SIGMA=	8.6	PHAS=	-128.5	FOM=	0.16	TEST=	0
INDE	5	18	73	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	18	75	FOBS=	47.7	SIGMA=	7.0	PHAS=	-66.5	FOM=	0.54	TEST=	0
INDE	5	19	6	FOBS=	309.7	SIGMA=	0.4	PHAS=	-155.3	FOM=	0.91	TEST=	0
INDE	5	19	8	FOBS=	241.7	SIGMA=	0.7	PHAS=	-133.2	FOM=	0.85	TEST=	0

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INDE	5	19	10	FOBS=	14.7	SIGMA=	6.4	PHAS=	-20.5	FOM=	0.43	TEST=	0
INDE	5	19	12	FOBS=	144.4	SIGMA=	0.8	PHAS=	-80.2	FOM=	0.74	TEST=	0
INDE	5	19	14	FOBS=	117.7	SIGMA=	0.9	PHAS=	83.7	FOM=	0.83	TEST=	0
INDE	5	19	16	FOBS=	28.5	SIGMA=	3.7	PHAS=	106.9	FOM=	0.50	TEST=	0
INDE	5	19	18	FOBS=	49.2	SIGMA=	1.7	PHAS=	14.8	FOM=	0.91	TEST=	0
INDE	5	19	20	FOBS=	106.5	SIGMA=	0.8	PHAS=	52.4	FOM=	0.41	TEST=	0
INDE	5	19	22	FOBS=	241.8	SIGMA=	0.5	PHAS=	-58.5	FOM=	0.99	TEST=	0
INDE	5	19	24	FOBS=	109.7	SIGMA=	0.8	PHAS=	-164.1	FOM=	0.93	TEST=	1
INDE	5	19	26	FOBS=	53.2	SIGMA=	1.5	PHAS=	117.6	FOM=	0.94	TEST=	0
INDE	5	19	28	FOBS=	128.0	SIGMA=	0.7	PHAS=	49.4	FOM=	0.99	TEST=	0
INDE	5	19	30	FOBS=	123.2	SIGMA=	0.8	PHAS=	-126.9	FOM=	0.91	TEST=	0
INDE	5	19	32	FOBS=	211.1	SIGMA=	0.7	PHAS=	21.7	FOM=	0.95	TEST=	0
INDE	5	19	34	FOBS=	25.8	SIGMA=	5.0	PHAS=	56.8	FOM=	0.61	TEST=	0
INDE	5	19	36	FOBS=	319.2	SIGMA=	0.6	PHAS=	-172.5	FOM=	0.96	TEST=	0
INDE	5	19	38	FOBS=	55.7	SIGMA=	2.5	PHAS=	-101.0	FOM=	0.85	TEST=	0
INDE	5	19	40	FOBS=	171.3	SIGMA=	1.0	PHAS=	-129.4	FOM=	0.94	TEST=	0
INDE	5	19	42	FOBS=	194.5	SIGMA=	0.9	PHAS=	-97.5	FOM=	0.99	TEST=	0
INDE	5	19	44	FOBS=	186.5	SIGMA=	0.9	PHAS=	169.1	FOM=	0.96	TEST=	0
INDE	5	19	46	FOBS=	76.1	SIGMA=	1.7	PHAS=	-49.8	FOM=	0.87	TEST=	0
INDE	5	19	48	FOBS=	53.7	SIGMA=	2.0	PHAS=	111.7	FOM=	0.88	TEST=	0
INDE	5	19	50	FOBS=	182.6	SIGMA=	1.3	PHAS=	-148.5	FOM=	0.96	TEST=	0
INDE	5	19	52	FOBS=	63.6	SIGMA=	3.3	PHAS=	7.1	FOM=	0.74	TEST=	0
INDE	5	19	54	FOBS=	146.2	SIGMA=	1.5	PHAS=	-33.9	FOM=	0.94	TEST=	0
INDE	5	19	56	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	19	58	FOBS=	38.2	SIGMA=	5.2	PHAS=	91.8	FOM=	0.32	TEST=	0
INDE	5	19	60	FOBS=	30.0	SIGMA=	6.6	PHAS=	25.0	FOM=	0.38	TEST=	0
INDE	5	19	62	FOBS=	72.5	SIGMA=	3.2	PHAS=	135.0	FOM=	0.84	TEST=	0
INDE	5	19	64	FOBS=	171.2	SIGMA=	2.8	PHAS=	103.2	FOM=	0.97	TEST=	0
INDE	5	19	66	FOBS=	38.3	SIGMA=	11.5	PHAS=	-25.9	FOM=	0.16	TEST=	0
INDE	5	19	68	FOBS=	53.7	SIGMA=	8.3	PHAS=	-1.4	FOM=	0.90	TEST=	0
INDE	5	19	70	FOBS=	34.8	SIGMA=	9.4	PHAS=	-50.5	FOM=	0.01	TEST=	1
INDE	5	19	72	FOBS=	92.7	SIGMA=	3.6	PHAS=	-120.7	FOM=	0.84	TEST=	0
INDE	5	19	74	FOBS=	15.3	SIGMA=	21.6	PHAS=	-81.6	FOM=	0.26	TEST=	0
INDE	5	20	5	FOBS=	71.3	SIGMA=	0.8	PHAS=	102.4	FOM=	0.72	TEST=	0
INDE	5	20	7	FOBS=	133.9	SIGMA=	0.6	PHAS=	36.4	FOM=	0.72	TEST=	0
INDE	5	20	9	FOBS=	144.3	SIGMA=	0.6	PHAS=	-135.9	FOM=	0.96	TEST=	0
INDE	5	20	11	FOBS=	290.7	SIGMA=	0.6	PHAS=	157.5	FOM=	0.89	TEST=	0
INDE	5	20	13	FOBS=	193.8	SIGMA=	0.7	PHAS=	-120.2	FOM=	0.76	TEST=	0
INDE	5	20	15	FOBS=	99.5	SIGMA=	1.2	PHAS=	122.1	FOM=	0.95	TEST=	0
INDE	5	20	17	FOBS=	125.7	SIGMA=	0.9	PHAS=	71.0	FOM=	0.96	TEST=	0
INDE	5	20	19	FOBS=	0.0	SIGMA=	14.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	20	21	FOBS=	70.6	SIGMA=	1.2	PHAS=	121.6	FOM=	0.88	TEST=	0
INDE	5	20	23	FOBS=	166.0	SIGMA=	0.7	PHAS=	-139.7	FOM=	0.97	TEST=	0
INDE	5	20	25	FOBS=	74.3	SIGMA=	1.2	PHAS=	8.6	FOM=	0.96	TEST=	0
INDE	5	20	27	FOBS=	99.7	SIGMA=	0.9	PHAS=	23.0	FOM=	0.98	TEST=	0
INDE	5	20	29	FOBS=	165.9	SIGMA=	0.6	PHAS=	123.9	FOM=	0.89	TEST=	0
INDE	5	20	31	FOBS=	85.0	SIGMA=	1.2	PHAS=	-172.9	FOM=	0.94	TEST=	0
INDE	5	20	33	FOBS=	260.8	SIGMA=	0.6	PHAS=	-51.8	FOM=	0.96	TEST=	1
INDE	5	20	35	FOBS=	89.5	SIGMA=	1.5	PHAS=	48.8	FOM=	0.95	TEST=	0
INDE	5	20	37	FOBS=	0.0	SIGMA=	17.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	20	39	FOBS=	396.5	SIGMA=	0.6	PHAS=	140.1	FOM=	0.98	TEST=	0
INDE	5	20	41	FOBS=	83.6	SIGMA=	2.0	PHAS=	1.6	FOM=	0.98	TEST=	0
INDE	5	20	43	FOBS=	48.8	SIGMA=	3.1	PHAS=	-46.9	FOM=	0.04	TEST=	0
INDE	5	20	45	FOBS=	195.0	SIGMA=	0.8	PHAS=	29.7	FOM=	0.97	TEST=	0
INDE	5	20	47	FOBS=	83.2	SIGMA=	1.6	PHAS=	-4.3	FOM=	0.71	TEST=	0
INDE	5	20	49	FOBS=	89.9	SIGMA=	1.6	PHAS=	-57.7	FOM=	0.53	TEST=	0
INDE	5	20	51	FOBS=	85.8	SIGMA=	2.5	PHAS=	-47.6	FOM=	0.88	TEST=	0
INDE	5	20	53	FOBS=	106.0	SIGMA=	2.0	PHAS=	-151.8	FOM=	0.81	TEST=	1
INDE	5	20	55	FOBS=	66.8	SIGMA=	3.1	PHAS=	-144.5	FOM=	0.67	TEST=	0
INDE	5	20	57	FOBS=	52.6	SIGMA=	3.8	PHAS=	113.2	FOM=	0.76	TEST=	0
INDE	5	20	59	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	20	61	FOBS=	79.0	SIGMA=	2.7	PHAS=	158.1	FOM=	0.88	TEST=	0
INDE	5	20	63	FOBS=	114.5	SIGMA=	2.1	PHAS=	51.5	FOM=	0.90	TEST=	0
INDE	5	20	65	FOBS=	86.9	SIGMA=	5.2	PHAS=	15.0	FOM=	0.89	TEST=	0
INDE	5	20	67	FOBS=	0.0	SIGMA=	29.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	20	69	FOBS=	46.4	SIGMA=	9.8	PHAS=	-74.3	FOM=	0.76	TEST=	0
INDE	5	20	71	FOBS=	51.1	SIGMA=	6.5	PHAS=	26.2	FOM=	0.53	TEST=	0
INDE	5	20	73	FOBS=	42.1	SIGMA=	8.1	PHAS=	167.9	FOM=	0.63	TEST=	0
INDE	5	21	6	FOBS=	440.0	SIGMA=	0.5	PHAS=	121.9	FOM=	0.99	TEST=	0
INDE	5	21	8	FOBS=	84.2	SIGMA=	1.0	PHAS=	-145.5	FOM=	0.57	TEST=	0

INDE	5	21	10	FOBS=	156.7	SIGMA=	0.7	PHAS=	-93.8	FOM=	0.78	TEST=	0
INDE	5	21	12	FOBS=	415.0	SIGMA=	0.7	PHAS=	-155.8	FOM=	0.98	TEST=	0
INDE	5	21	14	FOBS=	152.9	SIGMA=	0.8	PHAS=	125.5	FOM=	0.84	TEST=	0
INDE	5	21	16	FOBS=	47.4	SIGMA=	2.5	PHAS=	-88.8	FOM=	0.87	TEST=	0
INDE	5	21	18	FOBS=	46.9	SIGMA=	2.2	PHAS=	-157.6	FOM=	0.22	TEST=	0
INDE	5	21	20	FOBS=	195.8	SIGMA=	0.6	PHAS=	52.9	FOM=	0.99	TEST=	0
INDE	5	21	22	FOBS=	157.1	SIGMA=	0.7	PHAS=	-18.8	FOM=	0.89	TEST=	0
INDE	5	21	24	FOBS=	74.0	SIGMA=	1.2	PHAS=	-132.6	FOM=	0.92	TEST=	0
INDE	5	21	26	FOBS=	94.8	SIGMA=	1.0	PHAS=	-95.6	FOM=	0.95	TEST=	0
INDE	5	21	28	FOBS=	110.3	SIGMA=	0.9	PHAS=	-39.3	FOM=	0.99	TEST=	0
INDE	5	21	30	FOBS=	173.6	SIGMA=	0.7	PHAS=	-118.3	FOM=	0.94	TEST=	0
INDE	5	21	32	FOBS=	112.8	SIGMA=	1.0	PHAS=	121.4	FOM=	0.99	TEST=	1
INDE	5	21	34	FOBS=	196.2	SIGMA=	0.7	PHAS=	-122.4	FOM=	0.96	TEST=	0
INDE	5	21	36	FOBS=	136.9	SIGMA=	1.1	PHAS=	-178.6	FOM=	0.97	TEST=	0
INDE	5	21	38	FOBS=	162.2	SIGMA=	1.0	PHAS=	3.3	FOM=	0.90	TEST=	0
INDE	5	21	40	FOBS=	94.1	SIGMA=	1.7	PHAS=	116.2	FOM=	0.96	TEST=	0
INDE	5	21	42	FOBS=	160.3	SIGMA=	1.1	PHAS=	-171.4	FOM=	0.67	TEST=	1
INDE	5	21	44	FOBS=	120.6	SIGMA=	1.2	PHAS=	-163.4	FOM=	0.61	TEST=	0
INDE	5	21	46	FOBS=	142.7	SIGMA=	1.0	PHAS=	-52.6	FOM=	0.82	TEST=	0
INDE	5	21	48	FOBS=	75.5	SIGMA=	1.7	PHAS=	-138.9	FOM=	0.70	TEST=	0
INDE	5	21	50	FOBS=	230.0	SIGMA=	0.7	PHAS=	-142.5	FOM=	0.95	TEST=	0
INDE	5	21	52	FOBS=	93.1	SIGMA=	2.3	PHAS=	-2.4	FOM=	0.83	TEST=	0
INDE	5	21	54	FOBS=	145.9	SIGMA=	1.5	PHAS=	-11.3	FOM=	0.95	TEST=	0
INDE	5	21	56	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	21	58	FOBS=	50.2	SIGMA=	4.0	PHAS=	45.8	FOM=	0.53	TEST=	0
INDE	5	21	60	FOBS=	103.7	SIGMA=	2.0	PHAS=	81.1	FOM=	0.32	TEST=	1
INDE	5	21	62	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	21	64	FOBS=	32.7	SIGMA=	13.6	PHAS=	144.1	FOM=	0.56	TEST=	0
INDE	5	21	66	FOBS=	38.3	SIGMA=	11.7	PHAS=	155.4	FOM=	0.46	TEST=	0
INDE	5	21	68	FOBS=	0.0	SIGMA=	29.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	5	21	70	FOBS=	18.3	SIGMA=	24.9	PHAS=	-119.6	FOM=	0.27	TEST=	0
INDE	5	21	72	FOBS=	26.7	SIGMA=	12.7	PHAS=	-140.6	FOM=	0.64	TEST=	0
INDE	5	21	74	FOBS=	43.3	SIGMA=	8.0	PHAS=	52.8	FOM=	0.82	TEST=	0
INDE	5	22	5	FOBS=	510.4	SIGMA=	0.5	PHAS=	36.6	FOM=	0.98	TEST=	0
INDE	5	22	7	FOBS=	346.4	SIGMA=	0.5	PHAS=	83.5	FOM=	0.94	TEST=	0
INDE	5	22	9	FOBS=	64.5	SIGMA=	1.2	PHAS=	-151.4	FOM=	0.41	TEST=	1
INDE	5	22	11	FOBS=	227.5	SIGMA=	0.6	PHAS=	143.9	FOM=	0.80	TEST=	0
INDE	5	22	13	FOBS=	278.6	SIGMA=	0.6	PHAS=	87.9	FOM=	0.96	TEST=	0
INDE	5	22	15	FOBS=	124.3	SIGMA=	1.1	PHAS=	147.2	FOM=	0.92	TEST=	0
INDE	5	22	17	FOBS=	79.8	SIGMA=	1.6	PHAS=	-147.5	FOM=	0.95	TEST=	0
INDE	5	22	19	FOBS=	35.4	SIGMA=	2.6	PHAS=	-9.7	FOM=	0.93	TEST=	0
INDE	5	22	21	FOBS=	200.7	SIGMA=	0.6	PHAS=	-114.4	FOM=	0.93	TEST=	0
INDE	5	22	23	FOBS=	203.4	SIGMA=	0.6	PHAS=	-109.8	FOM=	0.98	TEST=	0
INDE	5	22	25	FOBS=	232.2	SIGMA=	0.6	PHAS=	153.6	FOM=	0.94	TEST=	0
INDE	5	22	27	FOBS=	278.4	SIGMA=	0.6	PHAS=	-119.2	FOM=	0.99	TEST=	0
INDE	5	22	29	FOBS=	276.6	SIGMA=	0.5	PHAS=	175.7	FOM=	0.98	TEST=	1
INDE	5	22	31	FOBS=	235.4	SIGMA=	0.6	PHAS=	119.2	FOM=	0.98	TEST=	0
INDE	5	22	33	FOBS=	44.8	SIGMA=	2.5	PHAS=	35.6	FOM=	0.32	TEST=	0
INDE	5	22	35	FOBS=	202.9	SIGMA=	0.7	PHAS=	116.1	FOM=	0.84	TEST=	0
INDE	5	22	37	FOBS=	74.1	SIGMA=	2.0	PHAS=	-166.2	FOM=	0.98	TEST=	0
INDE	5	22	39	FOBS=	218.6	SIGMA=	0.8	PHAS=	133.0	FOM=	0.88	TEST=	0
INDE	5	22	41	FOBS=	162.9	SIGMA=	1.1	PHAS=	37.0	FOM=	0.91	TEST=	0
INDE	5	22	43	FOBS=	177.6	SIGMA=	1.1	PHAS=	132.9	FOM=	0.95	TEST=	0
INDE	5	22	45	FOBS=	63.0	SIGMA=	2.2	PHAS=	-62.9	FOM=	0.74	TEST=	0
INDE	5	22	47	FOBS=	143.2	SIGMA=	1.0	PHAS=	-178.5	FOM=	0.86	TEST=	0
INDE	5	22	49	FOBS=	145.4	SIGMA=	0.9	PHAS=	107.7	FOM=	0.80	TEST=	0
INDE	5	22	51	FOBS=	112.2	SIGMA=	1.2	PHAS=	-143.4	FOM=	0.93	TEST=	0
INDE	5	22	53	FOBS=	281.7	SIGMA=	0.9	PHAS=	-110.6	FOM=	0.98	TEST=	0
INDE	5	22	55	FOBS=	137.2	SIGMA=	1.6	PHAS=	-66.7	FOM=	0.87	TEST=	0
INDE	5	22	57	FOBS=	72.3	SIGMA=	2.9	PHAS=	80.7	FOM=	0.90	TEST=	0
INDE	5	22	59	FOBS=	76.4	SIGMA=	2.7	PHAS=	77.4	FOM=	0.83	TEST=	0
INDE	5	22	61	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	22	63	FOBS=	84.4	SIGMA=	3.8	PHAS=	126.9	FOM=	0.92	TEST=	0
INDE	5	22	65	FOBS=	53.1	SIGMA=	8.4	PHAS=	81.2	FOM=	0.84	TEST=	0
INDE	5	22	67	FOBS=	35.0	SIGMA=	12.7	PHAS=	113.1	FOM=	0.15	TEST=	0
INDE	5	22	71	FOBS=	17.1	SIGMA=	19.9	PHAS=	-179.6	FOM=	0.10	TEST=	0
INDE	5	22	73	FOBS=	39.4	SIGMA=	8.9	PHAS=	-80.5	FOM=	0.70	TEST=	0
INDE	5	23	6	FOBS=	246.2	SIGMA=	0.5	PHAS=	13.7	FOM=	0.99	TEST=	0
INDE	5	23	8	FOBS=	71.9	SIGMA=	1.1	PHAS=	-75.4	FOM=	0.97	TEST=	0
INDE	5	23	10	FOBS=	188.9	SIGMA=	0.7	PHAS=	-21.5	FOM=	0.98	TEST=	0

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INDE	5	23	12	FOBS=	87.2	SIGMA=	1.0	PHAS=	-43.5	FOM=	0.98	TEST=	0
INDE	5	23	14	FOBS=	128.2	SIGMA=	1.0	PHAS=	-171.0	FOM=	0.98	TEST=	0
INDE	5	23	16	FOBS=	122.5	SIGMA=	1.1	PHAS=	158.8	FOM=	0.90	TEST=	0
INDE	5	23	18	FOBS=	35.0	SIGMA=	3.2	PHAS=	-48.7	FOM=	0.98	TEST=	0
INDE	5	23	20	FOBS=	263.0	SIGMA=	0.6	PHAS=	51.2	FOM=	0.95	TEST=	0
INDE	5	23	22	FOBS=	21.1	SIGMA=	4.2	PHAS=	123.1	FOM=	0.91	TEST=	0
INDE	5	23	24	FOBS=	226.1	SIGMA=	0.6	PHAS=	50.9	FOM=	0.95	TEST=	0
INDE	5	23	26	FOBS=	232.6	SIGMA=	0.6	PHAS=	114.4	FOM=	0.90	TEST=	0
INDE	5	23	28	FOBS=	276.0	SIGMA=	0.5	PHAS=	126.0	FOM=	0.99	TEST=	0
INDE	5	23	30	FOBS=	279.5	SIGMA=	0.6	PHAS=	44.3	FOM=	0.96	TEST=	0
INDE	5	23	32	FOBS=	247.8	SIGMA=	0.7	PHAS=	88.6	FOM=	0.94	TEST=	0
INDE	5	23	34	FOBS=	73.1	SIGMA=	1.6	PHAS=	-174.6	FOM=	0.94	TEST=	0
INDE	5	23	36	FOBS=	75.7	SIGMA=	1.6	PHAS=	33.8	FOM=	0.74	TEST=	0
INDE	5	23	38	FOBS=	95.8	SIGMA=	1.7	PHAS=	131.4	FOM=	0.92	TEST=	0
INDE	5	23	40	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	23	42	FOBS=	111.4	SIGMA=	1.7	PHAS=	-1.6	FOM=	0.94	TEST=	0
INDE	5	23	44	FOBS=	141.4	SIGMA=	1.4	PHAS=	-75.1	FOM=	0.64	TEST=	0
INDE	5	23	46	FOBS=	31.2	SIGMA=	4.5	PHAS=	-71.8	FOM=	0.29	TEST=	0
INDE	5	23	48	FOBS=	148.1	SIGMA=	0.9	PHAS=	18.9	FOM=	0.78	TEST=	0
INDE	5	23	50	FOBS=	85.0	SIGMA=	1.5	PHAS=	-145.2	FOM=	0.90	TEST=	0
INDE	5	23	52	FOBS=	91.9	SIGMA=	1.4	PHAS=	126.7	FOM=	0.93	TEST=	0
INDE	5	23	54	FOBS=	134.9	SIGMA=	1.6	PHAS=	178.9	FOM=	0.93	TEST=	0
INDE	5	23	56	FOBS=	27.0	SIGMA=	8.3	PHAS=	-115.0	FOM=	0.28	TEST=	0
INDE	5	23	58	FOBS=	75.1	SIGMA=	2.8	PHAS=	-34.8	FOM=	0.91	TEST=	0
INDE	5	23	60	FOBS=	23.5	SIGMA=	9.3	PHAS=	-129.4	FOM=	0.25	TEST=	0
INDE	5	23	62	FOBS=	76.1	SIGMA=	3.6	PHAS=	-127.6	FOM=	0.94	TEST=	0
INDE	5	23	64	FOBS=	47.6	SIGMA=	9.5	PHAS=	-35.9	FOM=	0.76	TEST=	0
INDE	5	23	66	FOBS=	77.1	SIGMA=	5.9	PHAS=	42.7	FOM=	0.79	TEST=	0
INDE	5	23	68	FOBS=	11.6	SIGMA=	38.7	PHAS=	-170.1	FOM=	0.10	TEST=	0
INDE	5	23	70	FOBS=	41.4	SIGMA=	11.1	PHAS=	-139.5	FOM=	0.06	TEST=	0
INDE	5	23	72	FOBS=	43.5	SIGMA=	8.0	PHAS=	116.2	FOM=	0.76	TEST=	0
INDE	5	23	74	FOBS=	36.9	SIGMA=	9.7	PHAS=	148.1	FOM=	0.42	TEST=	0
INDE	5	24	5	FOBS=	91.1	SIGMA=	0.9	PHAS=	28.6	FOM=	0.93	TEST=	1
INDE	5	24	7	FOBS=	104.2	SIGMA=	0.7	PHAS=	164.8	FOM=	0.80	TEST=	0
INDE	5	24	9	FOBS=	106.2	SIGMA=	0.8	PHAS=	-139.2	FOM=	0.98	TEST=	0
INDE	5	24	11	FOBS=	71.0	SIGMA=	1.2	PHAS=	129.8	FOM=	0.83	TEST=	1
INDE	5	24	13	FOBS=	225.3	SIGMA=	0.7	PHAS=	68.0	FOM=	0.98	TEST=	0
INDE	5	24	15	FOBS=	260.6	SIGMA=	0.7	PHAS=	136.6	FOM=	0.94	TEST=	0
INDE	5	24	17	FOBS=	155.4	SIGMA=	1.0	PHAS=	141.7	FOM=	0.95	TEST=	0
INDE	5	24	19	FOBS=	165.8	SIGMA=	0.9	PHAS=	-16.0	FOM=	0.93	TEST=	0
INDE	5	24	21	FOBS=	185.8	SIGMA=	0.7	PHAS=	-103.9	FOM=	0.95	TEST=	0
INDE	5	24	23	FOBS=	229.4	SIGMA=	0.6	PHAS=	-62.4	FOM=	0.99	TEST=	0
INDE	5	24	25	FOBS=	86.5	SIGMA=	1.2	PHAS=	-46.6	FOM=	0.86	TEST=	0
INDE	5	24	27	FOBS=	147.4	SIGMA=	0.8	PHAS=	-84.7	FOM=	0.99	TEST=	0
INDE	5	24	29	FOBS=	293.7	SIGMA=	0.5	PHAS=	-39.1	FOM=	0.92	TEST=	0
INDE	5	24	31	FOBS=	178.5	SIGMA=	0.8	PHAS=	29.6	FOM=	0.93	TEST=	0
INDE	5	24	33	FOBS=	201.6	SIGMA=	0.7	PHAS=	63.2	FOM=	0.96	TEST=	0
INDE	5	24	35	FOBS=	158.7	SIGMA=	0.9	PHAS=	167.9	FOM=	0.79	TEST=	0
INDE	5	24	37	FOBS=	15.0	SIGMA=	10.1	PHAS=	94.2	FOM=	0.01	TEST=	1
INDE	5	24	39	FOBS=	101.1	SIGMA=	1.7	PHAS=	14.4	FOM=	0.28	TEST=	1
INDE	5	24	41	FOBS=	107.4	SIGMA=	1.7	PHAS=	133.2	FOM=	0.80	TEST=	0
INDE	5	24	43	FOBS=	106.1	SIGMA=	1.8	PHAS=	149.7	FOM=	0.89	TEST=	0
INDE	5	24	45	FOBS=	111.2	SIGMA=	1.3	PHAS=	-133.6	FOM=	0.91	TEST=	0
INDE	5	24	47	FOBS=	67.0	SIGMA=	2.1	PHAS=	68.4	FOM=	0.34	TEST=	0
INDE	5	24	49	FOBS=	25.3	SIGMA=	5.6	PHAS=	-30.2	FOM=	0.31	TEST=	0
INDE	5	24	51	FOBS=	20.3	SIGMA=	6.5	PHAS=	75.7	FOM=	0.56	TEST=	0
INDE	5	24	53	FOBS=	87.6	SIGMA=	1.4	PHAS=	-144.5	FOM=	0.86	TEST=	0
INDE	5	24	55	FOBS=	29.4	SIGMA=	7.2	PHAS=	-79.5	FOM=	0.14	TEST=	0
INDE	5	24	57	FOBS=	119.2	SIGMA=	1.8	PHAS=	162.4	FOM=	0.94	TEST=	0
INDE	5	24	59	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	24	61	FOBS=	25.0	SIGMA=	9.7	PHAS=	175.6	FOM=	0.55	TEST=	0
INDE	5	24	63	FOBS=	110.4	SIGMA=	3.0	PHAS=	156.2	FOM=	0.87	TEST=	0
INDE	5	24	65	FOBS=	34.3	SIGMA=	13.4	PHAS=	-59.3	FOM=	0.10	TEST=	1
INDE	5	24	67	FOBS=	41.0	SIGMA=	11.2	PHAS=	160.7	FOM=	0.60	TEST=	0
INDE	5	24	69	FOBS=	32.8	SIGMA=	14.1	PHAS=	10.2	FOM=	0.62	TEST=	0
INDE	5	24	71	FOBS=	58.9	SIGMA=	8.1	PHAS=	6.9	FOM=	0.84	TEST=	0
INDE	5	24	73	FOBS=	75.9	SIGMA=	4.8	PHAS=	-12.8	FOM=	0.80	TEST=	0
INDE	5	25	6	FOBS=	124.9	SIGMA=	0.6	PHAS=	61.6	FOM=	0.91	TEST=	0
INDE	5	25	8	FOBS=	120.6	SIGMA=	0.8	PHAS=	-162.4	FOM=	0.98	TEST=	0
INDE	5	25	10	FOBS=	136.7	SIGMA=	0.7	PHAS=	31.0	FOM=	0.99	TEST=	0

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INDE	5	25	12	FOBS=	86.8	SIGMA=	1.0	PHAS=	78.4	FOM=	0.63	TEST=	1
INDE	5	25	14	FOBS=	21.9	SIGMA=	5.1	PHAS=	-83.8	FOM=	0.74	TEST=	0
INDE	5	25	16	FOBS=	205.8	SIGMA=	0.9	PHAS=	63.3	FOM=	0.98	TEST=	0
INDE	5	25	18	FOBS=	190.6	SIGMA=	0.8	PHAS=	-57.4	FOM=	0.90	TEST=	0
INDE	5	25	20	FOBS=	167.6	SIGMA=	0.9	PHAS=	119.8	FOM=	0.95	TEST=	0
INDE	5	25	22	FOBS=	91.0	SIGMA=	1.3	PHAS=	-165.0	FOM=	0.91	TEST=	0
INDE	5	25	24	FOBS=	154.5	SIGMA=	0.8	PHAS=	157.4	FOM=	0.99	TEST=	0
INDE	5	25	26	FOBS=	297.7	SIGMA=	0.5	PHAS=	-152.0	FOM=	0.70	TEST=	1
INDE	5	25	28	FOBS=	285.4	SIGMA=	0.6	PHAS=	178.6	FOM=	0.93	TEST=	0
INDE	5	25	30	FOBS=	102.8	SIGMA=	1.2	PHAS=	12.5	FOM=	0.86	TEST=	0
INDE	5	25	32	FOBS=	251.7	SIGMA=	0.8	PHAS=	-9.4	FOM=	0.98	TEST=	0
INDE	5	25	34	FOBS=	183.0	SIGMA=	0.8	PHAS=	44.4	FOM=	0.91	TEST=	0
INDE	5	25	36	FOBS=	130.2	SIGMA=	1.2	PHAS=	-49.9	FOM=	0.93	TEST=	0
INDE	5	25	38	FOBS=	171.7	SIGMA=	0.9	PHAS=	135.1	FOM=	0.94	TEST=	1
INDE	5	25	40	FOBS=	44.1	SIGMA=	4.4	PHAS=	106.5	FOM=	0.58	TEST=	0
INDE	5	25	42	FOBS=	82.1	SIGMA=	2.3	PHAS=	0.4	FOM=	0.90	TEST=	0
INDE	5	25	44	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	25	46	FOBS=	85.4	SIGMA=	1.7	PHAS=	-176.7	FOM=	0.39	TEST=	0
INDE	5	25	48	FOBS=	129.0	SIGMA=	1.1	PHAS=	-123.4	FOM=	0.89	TEST=	0
INDE	5	25	50	FOBS=	59.9	SIGMA=	2.2	PHAS=	-115.7	FOM=	0.86	TEST=	0
INDE	5	25	52	FOBS=	60.6	SIGMA=	2.2	PHAS=	-139.6	FOM=	0.83	TEST=	0
INDE	5	25	54	FOBS=	88.6	SIGMA=	1.4	PHAS=	133.4	FOM=	0.93	TEST=	0
INDE	5	25	56	FOBS=	119.1	SIGMA=	1.7	PHAS=	-7.0	FOM=	0.89	TEST=	0
INDE	5	25	58	FOBS=	44.4	SIGMA=	4.7	PHAS=	-23.1	FOM=	0.70	TEST=	0
INDE	5	25	60	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	25	62	FOBS=	37.4	SIGMA=	8.5	PHAS=	-156.1	FOM=	0.30	TEST=	0
INDE	5	25	64	FOBS=	68.7	SIGMA=	4.7	PHAS=	-40.0	FOM=	0.60	TEST=	0
INDE	5	25	66	FOBS=	29.8	SIGMA=	15.5	PHAS=	22.9	FOM=	0.25	TEST=	0
INDE	5	25	68	FOBS=	112.7	SIGMA=	4.4	PHAS=	-139.2	FOM=	0.88	TEST=	0
INDE	5	25	70	FOBS=	59.0	SIGMA=	8.0	PHAS=	-50.5	FOM=	0.81	TEST=	0
INDE	5	25	72	FOBS=	36.9	SIGMA=	9.7	PHAS=	75.4	FOM=	0.28	TEST=	0
INDE	5	26	5	FOBS=	70.2	SIGMA=	1.2	PHAS=	-27.6	FOM=	0.94	TEST=	1
INDE	5	26	7	FOBS=	122.1	SIGMA=	0.6	PHAS=	49.2	FOM=	0.99	TEST=	0
INDE	5	26	9	FOBS=	56.2	SIGMA=	1.5	PHAS=	-93.3	FOM=	0.35	TEST=	0
INDE	5	26	11	FOBS=	49.2	SIGMA=	1.8	PHAS=	60.7	FOM=	0.96	TEST=	0
INDE	5	26	13	FOBS=	77.7	SIGMA=	1.2	PHAS=	38.7	FOM=	0.95	TEST=	1
INDE	5	26	15	FOBS=	123.2	SIGMA=	1.1	PHAS=	-89.2	FOM=	0.89	TEST=	0
INDE	5	26	17	FOBS=	180.0	SIGMA=	1.0	PHAS=	-103.9	FOM=	0.96	TEST=	0
INDE	5	26	19	FOBS=	151.9	SIGMA=	1.0	PHAS=	75.0	FOM=	0.98	TEST=	0
INDE	5	26	21	FOBS=	206.4	SIGMA=	0.8	PHAS=	-54.8	FOM=	0.88	TEST=	0
INDE	5	26	23	FOBS=	0.0	SIGMA=	16.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	5	26	25	FOBS=	305.5	SIGMA=	0.5	PHAS=	30.6	FOM=	0.95	TEST=	0
INDE	5	26	27	FOBS=	121.9	SIGMA=	1.0	PHAS=	123.2	FOM=	0.95	TEST=	0
INDE	5	26	29	FOBS=	220.4	SIGMA=	0.7	PHAS=	-14.0	FOM=	0.94	TEST=	0
INDE	5	26	31	FOBS=	0.0	SIGMA=	16.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	26	33	FOBS=	154.8	SIGMA=	1.0	PHAS=	-78.5	FOM=	0.95	TEST=	0
INDE	5	26	35	FOBS=	186.0	SIGMA=	0.9	PHAS=	-139.4	FOM=	0.98	TEST=	0
INDE	5	26	37	FOBS=	83.1	SIGMA=	2.0	PHAS=	118.6	FOM=	0.90	TEST=	0
INDE	5	26	39	FOBS=	127.5	SIGMA=	1.3	PHAS=	16.8	FOM=	0.88	TEST=	0
INDE	5	26	41	FOBS=	308.7	SIGMA=	0.7	PHAS=	161.7	FOM=	0.97	TEST=	0
INDE	5	26	43	FOBS=	77.2	SIGMA=	2.4	PHAS=	126.6	FOM=	0.81	TEST=	0
INDE	5	26	45	FOBS=	116.3	SIGMA=	1.4	PHAS=	133.4	FOM=	0.97	TEST=	0
INDE	5	26	47	FOBS=	125.3	SIGMA=	1.2	PHAS=	150.8	FOM=	0.91	TEST=	0
INDE	5	26	49	FOBS=	130.7	SIGMA=	1.1	PHAS=	106.2	FOM=	0.57	TEST=	0
INDE	5	26	51	FOBS=	183.1	SIGMA=	0.8	PHAS=	145.5	FOM=	0.96	TEST=	0
INDE	5	26	53	FOBS=	80.0	SIGMA=	1.6	PHAS=	151.6	FOM=	0.78	TEST=	0
INDE	5	26	55	FOBS=	54.3	SIGMA=	2.3	PHAS=	-67.4	FOM=	0.79	TEST=	0
INDE	5	26	57	FOBS=	117.5	SIGMA=	1.6	PHAS=	-153.5	FOM=	0.94	TEST=	0
INDE	5	26	59	FOBS=	66.4	SIGMA=	3.7	PHAS=	-34.0	FOM=	0.40	TEST=	0
INDE	5	26	61	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	26	63	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	26	65	FOBS=	0.0	SIGMA=	30.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	26	67	FOBS=	125.0	SIGMA=	3.9	PHAS=	159.8	FOM=	0.91	TEST=	0
INDE	5	26	69	FOBS=	62.3	SIGMA=	7.8	PHAS=	94.0	FOM=	0.93	TEST=	0
INDE	5	26	71	FOBS=	97.3	SIGMA=	5.0	PHAS=	-22.7	FOM=	0.64	TEST=	1
INDE	5	26	73	FOBS=	59.4	SIGMA=	6.2	PHAS=	-122.7	FOM=	0.88	TEST=	0
INDE	5	27	6	FOBS=	71.7	SIGMA=	1.0	PHAS=	-1.1	FOM=	0.94	TEST=	1
INDE	5	27	8	FOBS=	207.7	SIGMA=	0.6	PHAS=	-100.4	FOM=	0.97	TEST=	0
INDE	5	27	10	FOBS=	92.0	SIGMA=	1.1	PHAS=	140.5	FOM=	0.95	TEST=	0
INDE	5	27	12	FOBS=	28.0	SIGMA=	3.5	PHAS=	-33.6	FOM=	0.54	TEST=	0

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INDE	5	27	14	FOBS=	140.2	SIGMA=	0.8	PHAS=	-133.0	FOM=	0.93	TEST=	0
INDE	5	27	16	FOBS=	254.7	SIGMA=	1.0	PHAS=	179.9	FOM=	0.95	TEST=	0
INDE	5	27	18	FOBS=	236.5	SIGMA=	0.9	PHAS=	-99.4	FOM=	0.96	TEST=	0
INDE	5	27	20	FOBS=	43.8	SIGMA=	3.0	PHAS=	98.7	FOM=	0.90	TEST=	0
INDE	5	27	22	FOBS=	166.4	SIGMA=	1.0	PHAS=	99.2	FOM=	0.96	TEST=	0
INDE	5	27	24	FOBS=	29.0	SIGMA=	4.8	PHAS=	173.5	FOM=	0.18	TEST=	0
INDE	5	27	26	FOBS=	195.5	SIGMA=	0.7	PHAS=	-151.6	FOM=	0.92	TEST=	1
INDE	5	27	28	FOBS=	92.3	SIGMA=	1.4	PHAS=	175.8	FOM=	0.22	TEST=	1
INDE	5	27	30	FOBS=	143.2	SIGMA=	1.0	PHAS=	-4.5	FOM=	0.90	TEST=	0
INDE	5	27	32	FOBS=	57.7	SIGMA=	2.5	PHAS=	130.8	FOM=	0.44	TEST=	0
INDE	5	27	34	FOBS=	119.5	SIGMA=	1.4	PHAS=	156.0	FOM=	0.93	TEST=	0
INDE	5	27	36	FOBS=	338.1	SIGMA=	0.8	PHAS=	146.6	FOM=	0.97	TEST=	0
INDE	5	27	38	FOBS=	103.1	SIGMA=	1.7	PHAS=	96.0	FOM=	0.85	TEST=	0
INDE	5	27	40	FOBS=	284.5	SIGMA=	0.7	PHAS=	49.5	FOM=	0.97	TEST=	0
INDE	5	27	42	FOBS=	199.6	SIGMA=	0.9	PHAS=	-25.4	FOM=	0.97	TEST=	0
INDE	5	27	44	FOBS=	74.8	SIGMA=	2.4	PHAS=	65.3	FOM=	0.95	TEST=	0
INDE	5	27	46	FOBS=	115.2	SIGMA=	1.3	PHAS=	136.5	FOM=	0.89	TEST=	1
INDE	5	27	48	FOBS=	189.1	SIGMA=	0.9	PHAS=	-47.1	FOM=	0.65	TEST=	1
INDE	5	27	50	FOBS=	211.9	SIGMA=	0.7	PHAS=	26.7	FOM=	0.94	TEST=	0
INDE	5	27	52	FOBS=	44.6	SIGMA=	3.0	PHAS=	99.0	FOM=	0.75	TEST=	0
INDE	5	27	54	FOBS=	36.8	SIGMA=	3.6	PHAS=	-83.3	FOM=	0.71	TEST=	0
INDE	5	27	56	FOBS=	12.3	SIGMA=	11.8	PHAS=	71.6	FOM=	0.30	TEST=	0
INDE	5	27	58	FOBS=	126.9	SIGMA=	1.4	PHAS=	110.1	FOM=	0.07	TEST=	1
INDE	5	27	60	FOBS=	54.0	SIGMA=	4.7	PHAS=	-133.8	FOM=	0.75	TEST=	0
INDE	5	27	62	FOBS=	45.7	SIGMA=	7.1	PHAS=	-90.3	FOM=	0.20	TEST=	1
INDE	5	27	64	FOBS=	90.3	SIGMA=	3.7	PHAS=	-94.7	FOM=	0.90	TEST=	0
INDE	5	27	66	FOBS=	77.7	SIGMA=	6.2	PHAS=	-174.3	FOM=	0.38	TEST=	0
INDE	5	27	68	FOBS=	39.4	SIGMA=	12.1	PHAS=	-32.1	FOM=	0.79	TEST=	0
INDE	5	27	70	FOBS=	77.2	SIGMA=	6.4	PHAS=	25.3	FOM=	0.93	TEST=	0
INDE	5	27	72	FOBS=	87.5	SIGMA=	5.6	PHAS=	174.1	FOM=	0.93	TEST=	0
INDE	5	28	5	FOBS=	90.1	SIGMA=	1.1	PHAS=	125.5	FOM=	0.72	TEST=	1
INDE	5	28	7	FOBS=	118.0	SIGMA=	0.7	PHAS=	131.1	FOM=	0.96	TEST=	0
INDE	5	28	9	FOBS=	83.2	SIGMA=	1.3	PHAS=	-160.1	FOM=	0.92	TEST=	0
INDE	5	28	11	FOBS=	181.8	SIGMA=	0.7	PHAS=	135.7	FOM=	0.90	TEST=	0
INDE	5	28	13	FOBS=	68.3	SIGMA=	1.7	PHAS=	108.7	FOM=	0.93	TEST=	1
INDE	5	28	15	FOBS=	84.9	SIGMA=	2.1	PHAS=	85.1	FOM=	0.94	TEST=	0
INDE	5	28	17	FOBS=	138.6	SIGMA=	1.4	PHAS=	100.8	FOM=	0.99	TEST=	0
INDE	5	28	19	FOBS=	285.3	SIGMA=	0.8	PHAS=	152.4	FOM=	0.97	TEST=	0
INDE	5	28	21	FOBS=	196.5	SIGMA=	1.0	PHAS=	-38.2	FOM=	0.97	TEST=	0
INDE	5	28	23	FOBS=	92.4	SIGMA=	1.6	PHAS=	-5.3	FOM=	0.67	TEST=	1
INDE	5	28	25	FOBS=	336.9	SIGMA=	0.7	PHAS=	77.3	FOM=	0.96	TEST=	0
INDE	5	28	27	FOBS=	85.2	SIGMA=	1.5	PHAS=	134.6	FOM=	0.90	TEST=	0
INDE	5	28	29	FOBS=	270.6	SIGMA=	0.6	PHAS=	-42.9	FOM=	0.94	TEST=	0
INDE	5	28	31	FOBS=	180.7	SIGMA=	0.9	PHAS=	25.2	FOM=	0.95	TEST=	0
INDE	5	28	33	FOBS=	138.8	SIGMA=	1.2	PHAS=	-139.0	FOM=	0.96	TEST=	0
INDE	5	28	35	FOBS=	372.5	SIGMA=	0.7	PHAS=	99.7	FOM=	0.97	TEST=	0
INDE	5	28	37	FOBS=	402.4	SIGMA=	0.8	PHAS=	94.3	FOM=	0.98	TEST=	0
INDE	5	28	39	FOBS=	322.2	SIGMA=	0.8	PHAS=	-70.3	FOM=	0.97	TEST=	0
INDE	5	28	41	FOBS=	128.1	SIGMA=	1.5	PHAS=	-100.1	FOM=	0.90	TEST=	0
INDE	5	28	43	FOBS=	74.4	SIGMA=	2.1	PHAS=	66.6	FOM=	0.84	TEST=	0
INDE	5	28	45	FOBS=	222.7	SIGMA=	0.9	PHAS=	86.1	FOM=	0.96	TEST=	0
INDE	5	28	47	FOBS=	181.9	SIGMA=	0.9	PHAS=	-64.8	FOM=	0.16	TEST=	1
INDE	5	28	49	FOBS=	103.7	SIGMA=	1.4	PHAS=	-79.3	FOM=	0.88	TEST=	0
INDE	5	28	51	FOBS=	75.5	SIGMA=	1.8	PHAS=	111.0	FOM=	0.86	TEST=	0
INDE	5	28	53	FOBS=	143.0	SIGMA=	1.0	PHAS=	154.3	FOM=	0.83	TEST=	0
INDE	5	28	55	FOBS=	26.9	SIGMA=	5.4	PHAS=	-146.5	FOM=	0.27	TEST=	0
INDE	5	28	57	FOBS=	110.3	SIGMA=	1.4	PHAS=	9.2	FOM=	0.79	TEST=	0
INDE	5	28	59	FOBS=	45.1	SIGMA=	3.6	PHAS=	-5.4	FOM=	0.04	TEST=	1
INDE	5	28	61	FOBS=	88.5	SIGMA=	3.8	PHAS=	-88.8	FOM=	0.46	TEST=	0
INDE	5	28	63	FOBS=	107.2	SIGMA=	3.2	PHAS=	100.6	FOM=	0.89	TEST=	0
INDE	5	28	65	FOBS=	0.0	SIGMA=	30.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	28	67	FOBS=	0.0	SIGMA=	30.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	28	69	FOBS=	0.0	SIGMA=	31.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	28	71	FOBS=	67.4	SIGMA=	7.4	PHAS=	8.0	FOM=	0.90	TEST=	0
INDE	5	29	6	FOBS=	230.0	SIGMA=	0.6	PHAS=	-20.9	FOM=	0.94	TEST=	0
INDE	5	29	8	FOBS=	47.0	SIGMA=	2.2	PHAS=	128.6	FOM=	0.92	TEST=	0
INDE	5	29	10	FOBS=	255.3	SIGMA=	0.7	PHAS=	150.6	FOM=	0.98	TEST=	0
INDE	5	29	12	FOBS=	186.9	SIGMA=	0.8	PHAS=	55.0	FOM=	0.96	TEST=	1
INDE	5	29	14	FOBS=	112.9	SIGMA=	1.1	PHAS=	-138.4	FOM=	0.96	TEST=	1
INDE	5	29	16	FOBS=	188.0	SIGMA=	1.2	PHAS=	-143.5	FOM=	0.99	TEST=	0

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INDE	5	29	18	FOBS=	110.9	SIGMA=	1.8	PHAS=	3.8	FOM=	0.94	TEST=	0
INDE	5	29	20	FOBS=	156.6	SIGMA=	1.4	PHAS=	-91.4	FOM=	0.96	TEST=	0
INDE	5	29	22	FOBS=	200.6	SIGMA=	1.0	PHAS=	89.7	FOM=	0.78	TEST=	0
INDE	5	29	24	FOBS=	143.2	SIGMA=	1.1	PHAS=	-77.9	FOM=	0.61	TEST=	0
INDE	5	29	26	FOBS=	108.4	SIGMA=	1.3	PHAS=	-23.7	FOM=	0.48	TEST=	0
INDE	5	29	28	FOBS=	215.2	SIGMA=	0.7	PHAS=	-111.6	FOM=	0.98	TEST=	1
INDE	5	29	30	FOBS=	184.1	SIGMA=	0.9	PHAS=	-76.8	FOM=	0.91	TEST=	0
INDE	5	29	32	FOBS=	150.6	SIGMA=	1.1	PHAS=	124.6	FOM=	0.58	TEST=	0
INDE	5	29	34	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	29	36	FOBS=	363.5	SIGMA=	0.7	PHAS=	22.5	FOM=	0.98	TEST=	0
INDE	5	29	38	FOBS=	159.0	SIGMA=	1.2	PHAS=	119.3	FOM=	0.72	TEST=	1
INDE	5	29	40	FOBS=	135.2	SIGMA=	1.6	PHAS=	90.6	FOM=	0.89	TEST=	1
INDE	5	29	42	FOBS=	323.1	SIGMA=	0.7	PHAS=	-55.3	FOM=	0.98	TEST=	0
INDE	5	29	44	FOBS=	222.9	SIGMA=	0.8	PHAS=	-9.1	FOM=	0.95	TEST=	0
INDE	5	29	46	FOBS=	124.1	SIGMA=	1.3	PHAS=	-17.3	FOM=	0.85	TEST=	0
INDE	5	29	48	FOBS=	0.0	SIGMA=	17.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	29	50	FOBS=	119.5	SIGMA=	1.2	PHAS=	-17.0	FOM=	0.52	TEST=	0
INDE	5	29	52	FOBS=	153.0	SIGMA=	1.0	PHAS=	94.7	FOM=	0.94	TEST=	0
INDE	5	29	54	FOBS=	46.8	SIGMA=	2.8	PHAS=	-61.2	FOM=	0.88	TEST=	0
INDE	5	29	56	FOBS=	57.1	SIGMA=	2.6	PHAS=	-13.4	FOM=	0.88	TEST=	1
INDE	5	29	58	FOBS=	79.0	SIGMA=	2.0	PHAS=	115.4	FOM=	0.17	TEST=	1
INDE	5	29	60	FOBS=	149.0	SIGMA=	1.2	PHAS=	-135.0	FOM=	0.92	TEST=	0
INDE	5	29	62	FOBS=	67.2	SIGMA=	5.0	PHAS=	50.2	FOM=	0.79	TEST=	0
INDE	5	29	64	FOBS=	18.9	SIGMA=	17.4	PHAS=	-66.1	FOM=	0.18	TEST=	0
INDE	5	29	66	FOBS=	0.0	SIGMA=	31.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	29	68	FOBS=	0.0	SIGMA=	31.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	29	70	FOBS=	66.2	SIGMA=	7.5	PHAS=	119.0	FOM=	0.34	TEST=	0
INDE	5	30	5	FOBS=	134.1	SIGMA=	0.9	PHAS=	144.0	FOM=	0.91	TEST=	0
INDE	5	30	7	FOBS=	80.1	SIGMA=	1.1	PHAS=	-174.0	FOM=	0.95	TEST=	0
INDE	5	30	9	FOBS=	288.0	SIGMA=	0.9	PHAS=	36.3	FOM=	0.97	TEST=	0
INDE	5	30	11	FOBS=	80.9	SIGMA=	1.4	PHAS=	106.8	FOM=	0.92	TEST=	0
INDE	5	30	13	FOBS=	115.7	SIGMA=	1.1	PHAS=	-42.2	FOM=	0.94	TEST=	0
INDE	5	30	15	FOBS=	316.4	SIGMA=	0.8	PHAS=	-20.6	FOM=	0.86	TEST=	0
INDE	5	30	17	FOBS=	191.2	SIGMA=	1.2	PHAS=	-151.2	FOM=	0.98	TEST=	0
INDE	5	30	19	FOBS=	258.8	SIGMA=	1.1	PHAS=	-174.1	FOM=	0.97	TEST=	0
INDE	5	30	21	FOBS=	115.4	SIGMA=	1.9	PHAS=	49.3	FOM=	0.79	TEST=	0
INDE	5	30	23	FOBS=	292.9	SIGMA=	1.1	PHAS=	-73.3	FOM=	0.97	TEST=	0
INDE	5	30	25	FOBS=	196.4	SIGMA=	0.9	PHAS=	66.2	FOM=	0.90	TEST=	0
INDE	5	30	27	FOBS=	160.8	SIGMA=	0.9	PHAS=	-62.9	FOM=	0.85	TEST=	0
INDE	5	30	29	FOBS=	76.7	SIGMA=	1.9	PHAS=	171.2	FOM=	0.72	TEST=	0
INDE	5	30	31	FOBS=	139.2	SIGMA=	1.2	PHAS=	81.7	FOM=	0.27	TEST=	0
INDE	5	30	33	FOBS=	112.9	SIGMA=	1.6	PHAS=	159.8	FOM=	0.78	TEST=	0
INDE	5	30	35	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	5	30	37	FOBS=	210.6	SIGMA=	1.0	PHAS=	-26.6	FOM=	0.92	TEST=	0
INDE	5	30	39	FOBS=	192.6	SIGMA=	1.1	PHAS=	-107.1	FOM=	0.93	TEST=	0
INDE	5	30	41	FOBS=	95.2	SIGMA=	2.3	PHAS=	-26.2	FOM=	0.60	TEST=	0
INDE	5	30	43	FOBS=	178.6	SIGMA=	1.1	PHAS=	-134.7	FOM=	0.96	TEST=	0
INDE	5	30	45	FOBS=	105.2	SIGMA=	1.6	PHAS=	-164.6	FOM=	0.87	TEST=	0
INDE	5	30	47	FOBS=	180.8	SIGMA=	0.9	PHAS=	-85.7	FOM=	0.90	TEST=	0
INDE	5	30	49	FOBS=	155.2	SIGMA=	1.0	PHAS=	48.8	FOM=	0.90	TEST=	0
INDE	5	30	51	FOBS=	175.9	SIGMA=	0.9	PHAS=	57.8	FOM=	0.96	TEST=	0
INDE	5	30	53	FOBS=	99.5	SIGMA=	1.4	PHAS=	61.8	FOM=	0.61	TEST=	0
INDE	5	30	55	FOBS=	103.7	SIGMA=	1.5	PHAS=	-130.0	FOM=	0.94	TEST=	0
INDE	5	30	57	FOBS=	45.7	SIGMA=	3.3	PHAS=	-22.5	FOM=	0.59	TEST=	0
INDE	5	30	59	FOBS=	59.4	SIGMA=	3.0	PHAS=	108.2	FOM=	0.58	TEST=	0
INDE	5	30	61	FOBS=	16.6	SIGMA=	12.2	PHAS=	157.7	FOM=	0.19	TEST=	1
INDE	5	30	63	FOBS=	63.9	SIGMA=	4.4	PHAS=	42.7	FOM=	0.88	TEST=	0
INDE	5	30	65	FOBS=	37.0	SIGMA=	13.3	PHAS=	-23.3	FOM=	0.68	TEST=	0
INDE	5	30	67	FOBS=	78.3	SIGMA=	6.4	PHAS=	9.5	FOM=	0.20	TEST=	1
INDE	5	30	69	FOBS=	40.8	SIGMA=	12.0	PHAS=	-66.2	FOM=	0.77	TEST=	0
INDE	5	30	71	FOBS=	43.6	SIGMA=	11.6	PHAS=	142.2	FOM=	0.29	TEST=	0
INDE	5	31	6	FOBS=	115.4	SIGMA=	0.8	PHAS=	48.3	FOM=	0.93	TEST=	0
INDE	5	31	8	FOBS=	187.2	SIGMA=	0.7	PHAS=	88.2	FOM=	0.94	TEST=	0
INDE	5	31	10	FOBS=	31.5	SIGMA=	3.6	PHAS=	-153.5	FOM=	0.81	TEST=	0
INDE	5	31	12	FOBS=	69.1	SIGMA=	1.7	PHAS=	140.6	FOM=	0.95	TEST=	0
INDE	5	31	14	FOBS=	25.9	SIGMA=	4.8	PHAS=	-116.3	FOM=	0.11	TEST=	0
INDE	5	31	16	FOBS=	89.1	SIGMA=	1.5	PHAS=	-70.6	FOM=	0.99	TEST=	0
INDE	5	31	18	FOBS=	163.1	SIGMA=	1.4	PHAS=	124.4	FOM=	0.84	TEST=	0
INDE	5	31	20	FOBS=	227.7	SIGMA=	1.2	PHAS=	-56.4	FOM=	0.95	TEST=	0
INDE	5	31	22	FOBS=	120.5	SIGMA=	1.9	PHAS=	-95.7	FOM=	0.96	TEST=	0

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INDE	5	31	24	FOBS=	325.5	SIGMA=	1.1	PHAS=	-95.6	FOM=	0.98	TEST=	0
INDE	5	31	26	FOBS=	149.2	SIGMA=	1.1	PHAS=	4.9	FOM=	0.33	TEST=	1
INDE	5	31	28	FOBS=	209.5	SIGMA=	0.9	PHAS=	-106.6	FOM=	0.94	TEST=	0
INDE	5	31	30	FOBS=	148.9	SIGMA=	1.1	PHAS=	31.8	FOM=	0.93	TEST=	0
INDE	5	31	32	FOBS=	215.5	SIGMA=	0.9	PHAS=	78.2	FOM=	0.85	TEST=	0
INDE	5	31	34	FOBS=	99.7	SIGMA=	1.9	PHAS=	-167.6	FOM=	0.85	TEST=	0
INDE	5	31	36	FOBS=	282.8	SIGMA=	0.8	PHAS=	79.5	FOM=	0.97	TEST=	0
INDE	5	31	38	FOBS=	119.4	SIGMA=	1.6	PHAS=	-122.1	FOM=	0.91	TEST=	0
INDE	5	31	40	FOBS=	102.7	SIGMA=	1.9	PHAS=	58.7	FOM=	0.90	TEST=	0
INDE	5	31	42	FOBS=	124.4	SIGMA=	1.5	PHAS=	-127.7	FOM=	0.93	TEST=	0
INDE	5	31	44	FOBS=	184.4	SIGMA=	1.1	PHAS=	80.4	FOM=	0.95	TEST=	0
INDE	5	31	46	FOBS=	135.1	SIGMA=	1.2	PHAS=	86.5	FOM=	0.91	TEST=	0
INDE	5	31	48	FOBS=	54.5	SIGMA=	2.8	PHAS=	-47.0	FOM=	0.84	TEST=	0
INDE	5	31	50	FOBS=	107.7	SIGMA=	1.4	PHAS=	-51.2	FOM=	0.90	TEST=	0
INDE	5	31	52	FOBS=	102.0	SIGMA=	1.4	PHAS=	-1.7	FOM=	0.88	TEST=	0
INDE	5	31	54	FOBS=	46.9	SIGMA=	3.2	PHAS=	169.1	FOM=	0.52	TEST=	0
INDE	5	31	56	FOBS=	44.2	SIGMA=	3.3	PHAS=	129.7	FOM=	0.63	TEST=	0
INDE	5	31	58	FOBS=	23.8	SIGMA=	7.3	PHAS=	-10.9	FOM=	0.31	TEST=	0
INDE	5	31	60	FOBS=	46.4	SIGMA=	3.7	PHAS=	-157.5	FOM=	0.60	TEST=	0
INDE	5	31	62	FOBS=	95.9	SIGMA=	2.2	PHAS=	-11.4	FOM=	0.94	TEST=	0
INDE	5	31	64	FOBS=	55.0	SIGMA=	5.2	PHAS=	-75.2	FOM=	0.69	TEST=	0
INDE	5	31	66	FOBS=	61.0	SIGMA=	8.2	PHAS=	-23.0	FOM=	0.78	TEST=	0
INDE	5	31	68	FOBS=	0.0	SIGMA=	31.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	31	70	FOBS=	73.9	SIGMA=	6.9	PHAS=	159.4	FOM=	0.92	TEST=	0
INDE	5	32	5	FOBS=	146.3	SIGMA=	0.6	PHAS=	106.4	FOM=	0.98	TEST=	0
INDE	5	32	7	FOBS=	291.2	SIGMA=	0.6	PHAS=	62.5	FOM=	0.97	TEST=	0
INDE	5	32	9	FOBS=	223.3	SIGMA=	0.7	PHAS=	37.7	FOM=	0.91	TEST=	0
INDE	5	32	11	FOBS=	119.5	SIGMA=	1.1	PHAS=	100.9	FOM=	0.50	TEST=	0
INDE	5	32	13	FOBS=	211.1	SIGMA=	0.9	PHAS=	1.2	FOM=	0.97	TEST=	0
INDE	5	32	15	FOBS=	165.8	SIGMA=	0.9	PHAS=	176.3	FOM=	0.96	TEST=	1
INDE	5	32	17	FOBS=	159.5	SIGMA=	1.1	PHAS=	-166.2	FOM=	0.94	TEST=	0
INDE	5	32	19	FOBS=	363.0	SIGMA=	1.0	PHAS=	-178.2	FOM=	0.98	TEST=	0
INDE	5	32	21	FOBS=	47.2	SIGMA=	4.6	PHAS=	-141.1	FOM=	0.85	TEST=	0
INDE	5	32	23	FOBS=	166.2	SIGMA=	1.5	PHAS=	103.4	FOM=	0.92	TEST=	0
INDE	5	32	25	FOBS=	166.3	SIGMA=	1.4	PHAS=	162.1	FOM=	0.96	TEST=	0
INDE	5	32	27	FOBS=	105.6	SIGMA=	1.6	PHAS=	20.5	FOM=	0.89	TEST=	0
INDE	5	32	29	FOBS=	99.8	SIGMA=	1.6	PHAS=	164.7	FOM=	0.76	TEST=	0
INDE	5	32	31	FOBS=	68.3	SIGMA=	2.6	PHAS=	-128.5	FOM=	0.84	TEST=	0
INDE	5	32	33	FOBS=	91.2	SIGMA=	2.1	PHAS=	87.9	FOM=	0.91	TEST=	0
INDE	5	32	35	FOBS=	389.0	SIGMA=	0.9	PHAS=	-0.4	FOM=	0.98	TEST=	0
INDE	5	32	37	FOBS=	224.4	SIGMA=	1.0	PHAS=	25.9	FOM=	0.93	TEST=	0
INDE	5	32	39	FOBS=	63.5	SIGMA=	3.0	PHAS=	-70.5	FOM=	0.90	TEST=	1
INDE	5	32	41	FOBS=	72.0	SIGMA=	2.6	PHAS=	-10.7	FOM=	0.84	TEST=	0
INDE	5	32	43	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	32	45	FOBS=	104.8	SIGMA=	1.8	PHAS=	21.6	FOM=	0.82	TEST=	0
INDE	5	32	47	FOBS=	106.0	SIGMA=	1.4	PHAS=	-42.2	FOM=	0.89	TEST=	0
INDE	5	32	49	FOBS=	57.3	SIGMA=	2.7	PHAS=	-56.7	FOM=	0.68	TEST=	0
INDE	5	32	51	FOBS=	68.7	SIGMA=	2.2	PHAS=	-137.3	FOM=	0.88	TEST=	0
INDE	5	32	53	FOBS=	39.2	SIGMA=	3.5	PHAS=	94.5	FOM=	0.84	TEST=	0
INDE	5	32	55	FOBS=	48.9	SIGMA=	3.0	PHAS=	-64.0	FOM=	0.53	TEST=	0
INDE	5	32	57	FOBS=	37.8	SIGMA=	4.3	PHAS=	-160.8	FOM=	0.47	TEST=	0
INDE	5	32	59	FOBS=	42.6	SIGMA=	4.0	PHAS=	55.0	FOM=	0.58	TEST=	0
INDE	5	32	61	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	32	63	FOBS=	59.7	SIGMA=	3.4	PHAS=	-137.0	FOM=	0.75	TEST=	0
INDE	5	32	65	FOBS=	71.1	SIGMA=	4.2	PHAS=	-42.0	FOM=	0.94	TEST=	0
INDE	5	32	67	FOBS=	0.0	SIGMA=	31.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	32	69	FOBS=	33.6	SIGMA=	14.9	PHAS=	128.5	FOM=	0.66	TEST=	0
INDE	5	33	6	FOBS=	221.4	SIGMA=	0.7	PHAS=	-2.9	FOM=	0.99	TEST=	0
INDE	5	33	8	FOBS=	143.6	SIGMA=	0.9	PHAS=	-15.4	FOM=	0.94	TEST=	0
INDE	5	33	10	FOBS=	253.6	SIGMA=	0.7	PHAS=	-122.0	FOM=	0.88	TEST=	0
INDE	5	33	12	FOBS=	244.9	SIGMA=	0.8	PHAS=	-125.2	FOM=	0.85	TEST=	1
INDE	5	33	14	FOBS=	146.9	SIGMA=	1.0	PHAS=	173.2	FOM=	0.99	TEST=	0
INDE	5	33	16	FOBS=	148.5	SIGMA=	1.1	PHAS=	103.7	FOM=	0.98	TEST=	0
INDE	5	33	18	FOBS=	312.8	SIGMA=	1.0	PHAS=	99.2	FOM=	0.97	TEST=	0
INDE	5	33	20	FOBS=	89.2	SIGMA=	2.6	PHAS=	85.7	FOM=	0.90	TEST=	0
INDE	5	33	22	FOBS=	111.0	SIGMA=	2.2	PHAS=	-133.1	FOM=	0.87	TEST=	1
INDE	5	33	24	FOBS=	49.1	SIGMA=	4.9	PHAS=	153.5	FOM=	0.50	TEST=	0
INDE	5	33	26	FOBS=	271.7	SIGMA=	1.2	PHAS=	101.2	FOM=	0.93	TEST=	1
INDE	5	33	28	FOBS=	55.7	SIGMA=	3.2	PHAS=	-123.6	FOM=	0.67	TEST=	0
INDE	5	33	30	FOBS=	62.0	SIGMA=	2.7	PHAS=	146.1	FOM=	0.88	TEST=	0

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INDE	5	33	32	FOBS=	151.6	SIGMA=	1.3	PHAS=	65.5	FOM=	0.80	TEST=	0
INDE	5	33	34	FOBS=	131.2	SIGMA=	2.0	PHAS=	-177.4	FOM=	0.95	TEST=	0
INDE	5	33	36	FOBS=	62.8	SIGMA=	3.3	PHAS=	-70.9	FOM=	0.71	TEST=	0
INDE	5	33	38	FOBS=	283.4	SIGMA=	1.0	PHAS=	-41.1	FOM=	0.97	TEST=	0
INDE	5	33	40	FOBS=	126.5	SIGMA=	1.5	PHAS=	24.3	FOM=	0.82	TEST=	0
INDE	5	33	42	FOBS=	101.8	SIGMA=	1.8	PHAS=	-113.1	FOM=	0.33	TEST=	0
INDE	5	33	44	FOBS=	73.5	SIGMA=	2.5	PHAS=	38.2	FOM=	0.48	TEST=	0
INDE	5	33	46	FOBS=	52.6	SIGMA=	3.4	PHAS=	-5.9	FOM=	0.79	TEST=	0
INDE	5	33	48	FOBS=	123.1	SIGMA=	1.2	PHAS=	-110.6	FOM=	0.87	TEST=	0
INDE	5	33	50	FOBS=	119.6	SIGMA=	1.4	PHAS=	-178.7	FOM=	0.91	TEST=	0
INDE	5	33	52	FOBS=	65.8	SIGMA=	2.3	PHAS=	-96.8	FOM=	0.87	TEST=	0
INDE	5	33	54	FOBS=	25.8	SIGMA=	7.0	PHAS=	58.4	FOM=	0.25	TEST=	0
INDE	5	33	56	FOBS=	55.4	SIGMA=	2.9	PHAS=	162.2	FOM=	0.72	TEST=	0
INDE	5	33	58	FOBS=	1.8	SIGMA=	96.9	PHAS=	-95.2	FOM=	0.01	TEST=	0
INDE	5	33	60	FOBS=	37.4	SIGMA=	4.7	PHAS=	-50.2	FOM=	0.51	TEST=	0
INDE	5	33	62	FOBS=	25.9	SIGMA=	8.6	PHAS=	66.3	FOM=	0.18	TEST=	1
INDE	5	33	64	FOBS=	51.4	SIGMA=	4.1	PHAS=	-115.3	FOM=	0.83	TEST=	0
INDE	5	33	66	FOBS=	0.0	SIGMA=	24.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	33	68	FOBS=	0.0	SIGMA=	31.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	33	70	FOBS=	54.2	SIGMA=	9.6	PHAS=	-165.2	FOM=	0.37	TEST=	0
INDE	5	34	5	FOBS=	130.3	SIGMA=	1.0	PHAS=	-50.8	FOM=	0.71	TEST=	0
INDE	5	34	7	FOBS=	266.8	SIGMA=	0.5	PHAS=	11.6	FOM=	0.96	TEST=	0
INDE	5	34	9	FOBS=	184.1	SIGMA=	1.0	PHAS=	-103.1	FOM=	0.88	TEST=	0
INDE	5	34	11	FOBS=	65.6	SIGMA=	2.0	PHAS=	128.2	FOM=	0.95	TEST=	0
INDE	5	34	13	FOBS=	183.6	SIGMA=	0.9	PHAS=	82.0	FOM=	0.98	TEST=	0
INDE	5	34	15	FOBS=	305.5	SIGMA=	0.7	PHAS=	7.8	FOM=	0.91	TEST=	1
INDE	5	34	17	FOBS=	266.5	SIGMA=	0.8	PHAS=	-13.2	FOM=	0.93	TEST=	0
INDE	5	34	19	FOBS=	144.4	SIGMA=	1.8	PHAS=	-145.6	FOM=	0.98	TEST=	0
INDE	5	34	21	FOBS=	220.2	SIGMA=	1.3	PHAS=	-28.0	FOM=	0.94	TEST=	0
INDE	5	34	23	FOBS=	55.7	SIGMA=	4.5	PHAS=	-10.0	FOM=	0.84	TEST=	0
INDE	5	34	25	FOBS=	77.4	SIGMA=	3.4	PHAS=	18.9	FOM=	0.79	TEST=	0
INDE	5	34	27	FOBS=	92.2	SIGMA=	2.6	PHAS=	1.6	FOM=	0.13	TEST=	0
INDE	5	34	29	FOBS=	101.6	SIGMA=	1.9	PHAS=	91.1	FOM=	0.96	TEST=	0
INDE	5	34	31	FOBS=	113.4	SIGMA=	1.7	PHAS=	-177.6	FOM=	0.73	TEST=	0
INDE	5	34	33	FOBS=	120.0	SIGMA=	1.7	PHAS=	52.5	FOM=	0.64	TEST=	0
INDE	5	34	35	FOBS=	103.8	SIGMA=	2.1	PHAS=	35.0	FOM=	0.65	TEST=	0
INDE	5	34	37	FOBS=	65.1	SIGMA=	3.0	PHAS=	54.7	FOM=	0.77	TEST=	0
INDE	5	34	39	FOBS=	271.3	SIGMA=	0.9	PHAS=	-98.2	FOM=	0.82	TEST=	1
INDE	5	34	41	FOBS=	113.6	SIGMA=	1.7	PHAS=	-114.8	FOM=	0.41	TEST=	0
INDE	5	34	43	FOBS=	43.6	SIGMA=	4.1	PHAS=	34.2	FOM=	0.51	TEST=	0
INDE	5	34	45	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	5	34	47	FOBS=	24.9	SIGMA=	6.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	5	34	49	FOBS=	78.3	SIGMA=	1.9	PHAS=	164.0	FOM=	0.55	TEST=	0
INDE	5	34	51	FOBS=	186.4	SIGMA=	1.0	PHAS=	131.0	FOM=	0.97	TEST=	0
INDE	5	34	53	FOBS=	50.6	SIGMA=	3.0	PHAS=	120.8	FOM=	0.73	TEST=	0
INDE	5	34	55	FOBS=	87.7	SIGMA=	2.1	PHAS=	-10.4	FOM=	0.78	TEST=	1
INDE	5	34	57	FOBS=	45.5	SIGMA=	3.8	PHAS=	-115.9	FOM=	0.90	TEST=	0
INDE	5	34	59	FOBS=	19.8	SIGMA=	8.7	PHAS=	-130.9	FOM=	0.20	TEST=	0
INDE	5	34	61	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	34	63	FOBS=	59.4	SIGMA=	3.5	PHAS=	-146.8	FOM=	0.92	TEST=	0
INDE	5	34	65	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	34	67	FOBS=	0.0	SIGMA=	24.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	34	69	FOBS=	22.9	SIGMA=	23.0	PHAS=	169.5	FOM=	0.32	TEST=	0
INDE	5	35	6	FOBS=	163.0	SIGMA=	0.9	PHAS=	-86.9	FOM=	0.92	TEST=	0
INDE	5	35	8	FOBS=	84.7	SIGMA=	1.2	PHAS=	-34.6	FOM=	0.96	TEST=	0
INDE	5	35	10	FOBS=	139.6	SIGMA=	1.0	PHAS=	-166.5	FOM=	0.93	TEST=	0
INDE	5	35	12	FOBS=	184.8	SIGMA=	0.9	PHAS=	-12.5	FOM=	0.91	TEST=	0
INDE	5	35	14	FOBS=	217.5	SIGMA=	0.8	PHAS=	-74.3	FOM=	0.87	TEST=	0
INDE	5	35	16	FOBS=	292.2	SIGMA=	0.9	PHAS=	-86.2	FOM=	0.98	TEST=	0
INDE	5	35	18	FOBS=	88.3	SIGMA=	1.8	PHAS=	-72.5	FOM=	0.57	TEST=	0
INDE	5	35	20	FOBS=	266.6	SIGMA=	1.2	PHAS=	-176.7	FOM=	0.98	TEST=	1
INDE	5	35	22	FOBS=	361.0	SIGMA=	1.1	PHAS=	-123.6	FOM=	0.92	TEST=	0
INDE	5	35	24	FOBS=	177.6	SIGMA=	1.7	PHAS=	148.6	FOM=	0.96	TEST=	0
INDE	5	35	26	FOBS=	117.7	SIGMA=	2.5	PHAS=	30.7	FOM=	0.87	TEST=	0
INDE	5	35	28	FOBS=	92.3	SIGMA=	2.5	PHAS=	96.4	FOM=	0.88	TEST=	0
INDE	5	35	30	FOBS=	137.6	SIGMA=	1.5	PHAS=	-122.7	FOM=	0.93	TEST=	0
INDE	5	35	32	FOBS=	157.4	SIGMA=	1.4	PHAS=	130.9	FOM=	0.94	TEST=	0
INDE	5	35	34	FOBS=	75.2	SIGMA=	2.9	PHAS=	-129.9	FOM=	0.61	TEST=	0
INDE	5	35	36	FOBS=	97.2	SIGMA=	2.3	PHAS=	-6.4	FOM=	0.74	TEST=	0
INDE	5	35	38	FOBS=	108.4	SIGMA=	1.8	PHAS=	-115.7	FOM=	0.88	TEST=	0

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INDE	5	35	40	FOBS=	204.9	SIGMA=	1.0	PHAS=	168.6	FOM=	0.04	TEST=	1
INDE	5	35	42	FOBS=	108.5	SIGMA=	1.7	PHAS=	-18.6	FOM=	0.92	TEST=	0
INDE	5	35	44	FOBS=	84.0	SIGMA=	2.2	PHAS=	125.7	FOM=	0.83	TEST=	0
INDE	5	35	46	FOBS=	90.5	SIGMA=	2.0	PHAS=	40.6	FOM=	0.91	TEST=	0
INDE	5	35	48	FOBS=	87.2	SIGMA=	1.7	PHAS=	-76.1	FOM=	0.72	TEST=	0
INDE	5	35	50	FOBS=	72.9	SIGMA=	2.0	PHAS=	20.4	FOM=	0.93	TEST=	0
INDE	5	35	52	FOBS=	45.6	SIGMA=	3.6	PHAS=	152.3	FOM=	0.47	TEST=	0
INDE	5	35	54	FOBS=	74.4	SIGMA=	2.4	PHAS=	-137.7	FOM=	0.08	TEST=	1
INDE	5	35	56	FOBS=	76.0	SIGMA=	2.4	PHAS=	-153.3	FOM=	0.87	TEST=	0
INDE	5	35	58	FOBS=	51.2	SIGMA=	3.4	PHAS=	130.8	FOM=	0.57	TEST=	0
INDE	5	35	60	FOBS=	0.0	SIGMA=	18.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	35	62	FOBS=	68.2	SIGMA=	2.6	PHAS=	149.2	FOM=	0.66	TEST=	0
INDE	5	35	64	FOBS=	64.5	SIGMA=	3.2	PHAS=	-143.2	FOM=	0.82	TEST=	0
INDE	5	35	66	FOBS=	72.3	SIGMA=	3.3	PHAS=	82.2	FOM=	0.69	TEST=	1
INDE	5	35	68	FOBS=	0.0	SIGMA=	24.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	36	5	FOBS=	115.9	SIGMA=	1.2	PHAS=	-137.6	FOM=	0.87	TEST=	0
INDE	5	36	7	FOBS=	126.7	SIGMA=	0.8	PHAS=	94.0	FOM=	0.83	TEST=	0
INDE	5	36	9	FOBS=	262.9	SIGMA=	0.7	PHAS=	-178.9	FOM=	0.98	TEST=	0
INDE	5	36	11	FOBS=	161.5	SIGMA=	1.0	PHAS=	16.5	FOM=	0.97	TEST=	1
INDE	5	36	13	FOBS=	187.7	SIGMA=	0.9	PHAS=	-175.5	FOM=	0.94	TEST=	0
INDE	5	36	15	FOBS=	108.8	SIGMA=	1.5	PHAS=	-6.2	FOM=	0.98	TEST=	0
INDE	5	36	17	FOBS=	95.1	SIGMA=	1.8	PHAS=	176.2	FOM=	0.82	TEST=	0
INDE	5	36	19	FOBS=	126.2	SIGMA=	1.4	PHAS=	122.8	FOM=	0.91	TEST=	0
INDE	5	36	21	FOBS=	106.5	SIGMA=	2.6	PHAS=	46.0	FOM=	0.63	TEST=	0
INDE	5	36	23	FOBS=	138.2	SIGMA=	2.1	PHAS=	74.5	FOM=	0.93	TEST=	0
INDE	5	36	25	FOBS=	207.0	SIGMA=	1.6	PHAS=	20.9	FOM=	0.95	TEST=	1
INDE	5	36	27	FOBS=	172.9	SIGMA=	1.9	PHAS=	-83.3	FOM=	0.85	TEST=	0
INDE	5	36	29	FOBS=	101.4	SIGMA=	2.1	PHAS=	15.4	FOM=	0.95	TEST=	0
INDE	5	36	31	FOBS=	297.5	SIGMA=	0.8	PHAS=	142.8	FOM=	0.95	TEST=	0
INDE	5	36	33	FOBS=	149.6	SIGMA=	1.5	PHAS=	-41.6	FOM=	0.93	TEST=	0
INDE	5	36	35	FOBS=	135.0	SIGMA=	1.6	PHAS=	-160.9	FOM=	0.90	TEST=	0
INDE	5	36	37	FOBS=	285.3	SIGMA=	0.9	PHAS=	129.7	FOM=	0.40	TEST=	1
INDE	5	36	39	FOBS=	38.2	SIGMA=	5.5	PHAS=	-149.0	FOM=	0.18	TEST=	0
INDE	5	36	41	FOBS=	119.8	SIGMA=	1.6	PHAS=	-152.7	FOM=	0.89	TEST=	0
INDE	5	36	43	FOBS=	171.4	SIGMA=	1.1	PHAS=	-67.5	FOM=	0.93	TEST=	0
INDE	5	36	45	FOBS=	136.0	SIGMA=	1.4	PHAS=	-24.9	FOM=	0.95	TEST=	0
INDE	5	36	47	FOBS=	52.1	SIGMA=	3.3	PHAS=	14.5	FOM=	0.45	TEST=	0
INDE	5	36	49	FOBS=	88.1	SIGMA=	1.7	PHAS=	-147.9	FOM=	0.63	TEST=	0
INDE	5	36	51	FOBS=	71.3	SIGMA=	2.0	PHAS=	130.2	FOM=	0.67	TEST=	0
INDE	5	36	53	FOBS=	40.2	SIGMA=	4.5	PHAS=	111.8	FOM=	0.79	TEST=	0
INDE	5	36	55	FOBS=	58.7	SIGMA=	3.1	PHAS=	-84.0	FOM=	0.78	TEST=	0
INDE	5	36	57	FOBS=	18.1	SIGMA=	9.7	PHAS=	-84.3	FOM=	0.08	TEST=	0
INDE	5	36	59	FOBS=	29.5	SIGMA=	6.3	PHAS=	-18.6	FOM=	0.28	TEST=	0
INDE	5	36	61	FOBS=	63.3	SIGMA=	2.8	PHAS=	29.8	FOM=	0.78	TEST=	0
INDE	5	36	63	FOBS=	92.4	SIGMA=	2.0	PHAS=	125.8	FOM=	0.85	TEST=	0
INDE	5	36	65	FOBS=	70.7	SIGMA=	2.7	PHAS=	177.2	FOM=	0.86	TEST=	0
INDE	5	36	67	FOBS=	27.6	SIGMA=	11.3	PHAS=	-73.5	FOM=	0.18	TEST=	0
INDE	5	37	6	FOBS=	296.0	SIGMA=	0.8	PHAS=	-155.5	FOM=	0.96	TEST=	0
INDE	5	37	8	FOBS=	150.6	SIGMA=	0.8	PHAS=	46.4	FOM=	0.98	TEST=	0
INDE	5	37	10	FOBS=	158.0	SIGMA=	1.0	PHAS=	80.5	FOM=	0.94	TEST=	0
INDE	5	37	12	FOBS=	160.6	SIGMA=	1.0	PHAS=	-111.5	FOM=	0.90	TEST=	1
INDE	5	37	14	FOBS=	10.9	SIGMA=	13.7	PHAS=	88.2	FOM=	0.00	TEST=	1
INDE	5	37	16	FOBS=	87.2	SIGMA=	1.9	PHAS=	-168.9	FOM=	0.79	TEST=	0
INDE	5	37	18	FOBS=	122.2	SIGMA=	1.5	PHAS=	-100.7	FOM=	0.96	TEST=	0
INDE	5	37	20	FOBS=	115.1	SIGMA=	2.5	PHAS=	23.7	FOM=	0.89	TEST=	0
INDE	5	37	22	FOBS=	126.5	SIGMA=	2.3	PHAS=	-154.1	FOM=	0.93	TEST=	0
INDE	5	37	24	FOBS=	98.3	SIGMA=	3.0	PHAS=	-58.8	FOM=	0.63	TEST=	0
INDE	5	37	26	FOBS=	82.2	SIGMA=	3.8	PHAS=	57.8	FOM=	0.87	TEST=	0
INDE	5	37	28	FOBS=	74.1	SIGMA=	3.8	PHAS=	-162.1	FOM=	0.60	TEST=	0
INDE	5	37	30	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	37	32	FOBS=	64.9	SIGMA=	3.2	PHAS=	75.2	FOM=	0.46	TEST=	0
INDE	5	37	34	FOBS=	45.0	SIGMA=	5.8	PHAS=	-102.8	FOM=	0.86	TEST=	0
INDE	5	37	36	FOBS=	268.4	SIGMA=	0.9	PHAS=	153.4	FOM=	0.97	TEST=	0
INDE	5	37	38	FOBS=	206.2	SIGMA=	1.1	PHAS=	136.1	FOM=	0.93	TEST=	0
INDE	5	37	40	FOBS=	102.4	SIGMA=	1.9	PHAS=	143.1	FOM=	0.92	TEST=	0
INDE	5	37	42	FOBS=	45.4	SIGMA=	4.0	PHAS=	118.6	FOM=	0.45	TEST=	1
INDE	5	37	44	FOBS=	119.7	SIGMA=	1.6	PHAS=	-160.5	FOM=	0.95	TEST=	0
INDE	5	37	46	FOBS=	62.4	SIGMA=	2.9	PHAS=	51.0	FOM=	0.77	TEST=	0
INDE	5	37	48	FOBS=	55.1	SIGMA=	2.7	PHAS=	116.4	FOM=	0.70	TEST=	0
INDE	5	37	50	FOBS=	125.8	SIGMA=	1.2	PHAS=	53.2	FOM=	0.94	TEST=	0

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INDE	5	37	52	FOBS=	77.7	SIGMA=	1.9	PHAS=	143.7	FOM=	0.90	TEST=	0
INDE	5	37	54	FOBS=	18.7	SIGMA=	12.2	PHAS=	85.5	FOM=	0.40	TEST=	0
INDE	5	37	56	FOBS=	93.1	SIGMA=	2.0	PHAS=	-145.2	FOM=	0.79	TEST=	0
INDE	5	37	58	FOBS=	16.7	SIGMA=	10.5	PHAS=	164.6	FOM=	0.36	TEST=	0
INDE	5	37	60	FOBS=	47.6	SIGMA=	3.7	PHAS=	89.9	FOM=	0.76	TEST=	0
INDE	5	37	62	FOBS=	31.0	SIGMA=	5.7	PHAS=	80.9	FOM=	0.43	TEST=	0
INDE	5	37	64	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	37	66	FOBS=	86.8	SIGMA=	3.0	PHAS=	109.1	FOM=	0.93	TEST=	0
INDE	5	37	68	FOBS=	16.0	SIGMA=	24.4	PHAS=	-35.8	FOM=	0.19	TEST=	0
INDE	5	38	5	FOBS=	340.5	SIGMA=	0.8	PHAS=	128.8	FOM=	0.96	TEST=	0
INDE	5	38	7	FOBS=	104.7	SIGMA=	1.3	PHAS=	69.5	FOM=	0.99	TEST=	0
INDE	5	38	9	FOBS=	77.6	SIGMA=	1.6	PHAS=	13.3	FOM=	0.37	TEST=	0
INDE	5	38	11	FOBS=	308.5	SIGMA=	0.7	PHAS=	-4.4	FOM=	0.95	TEST=	0
INDE	5	38	13	FOBS=	213.8	SIGMA=	0.9	PHAS=	-157.7	FOM=	0.95	TEST=	0
INDE	5	38	15	FOBS=	234.6	SIGMA=	0.9	PHAS=	53.8	FOM=	0.95	TEST=	0
INDE	5	38	17	FOBS=	22.5	SIGMA=	7.8	PHAS=	51.5	FOM=	0.19	TEST=	0
INDE	5	38	19	FOBS=	81.8	SIGMA=	2.3	PHAS=	-166.7	FOM=	0.16	TEST=	0
INDE	5	38	21	FOBS=	222.1	SIGMA=	1.5	PHAS=	-3.5	FOM=	0.80	TEST=	0
INDE	5	38	23	FOBS=	131.9	SIGMA=	2.4	PHAS=	-15.3	FOM=	0.95	TEST=	1
INDE	5	38	25	FOBS=	74.9	SIGMA=	4.2	PHAS=	-59.8	FOM=	0.72	TEST=	0
INDE	5	38	27	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	38	29	FOBS=	90.1	SIGMA=	3.3	PHAS=	15.4	FOM=	0.74	TEST=	1
INDE	5	38	31	FOBS=	96.7	SIGMA=	2.3	PHAS=	157.1	FOM=	0.90	TEST=	0
INDE	5	38	33	FOBS=	274.2	SIGMA=	0.9	PHAS=	-96.2	FOM=	0.96	TEST=	0
INDE	5	38	35	FOBS=	337.2	SIGMA=	1.0	PHAS=	86.3	FOM=	0.98	TEST=	0
INDE	5	38	37	FOBS=	59.3	SIGMA=	3.4	PHAS=	-11.0	FOM=	0.69	TEST=	0
INDE	5	38	39	FOBS=	21.3	SIGMA=	9.3	PHAS=	41.0	FOM=	0.67	TEST=	0
INDE	5	38	41	FOBS=	138.2	SIGMA=	1.4	PHAS=	14.8	FOM=	0.94	TEST=	0
INDE	5	38	43	FOBS=	134.5	SIGMA=	1.4	PHAS=	5.4	FOM=	0.96	TEST=	0
INDE	5	38	45	FOBS=	64.7	SIGMA=	2.8	PHAS=	-30.4	FOM=	0.88	TEST=	0
INDE	5	38	47	FOBS=	94.7	SIGMA=	1.7	PHAS=	-14.3	FOM=	0.93	TEST=	0
INDE	5	38	49	FOBS=	52.0	SIGMA=	2.8	PHAS=	-7.8	FOM=	0.36	TEST=	0
INDE	5	38	51	FOBS=	37.6	SIGMA=	4.2	PHAS=	54.9	FOM=	0.23	TEST=	0
INDE	5	38	53	FOBS=	68.9	SIGMA=	2.5	PHAS=	82.2	FOM=	0.81	TEST=	0
INDE	5	38	55	FOBS=	64.1	SIGMA=	2.8	PHAS=	-114.9	FOM=	0.64	TEST=	0
INDE	5	38	57	FOBS=	56.3	SIGMA=	3.2	PHAS=	84.2	FOM=	0.74	TEST=	0
INDE	5	38	59	FOBS=	62.8	SIGMA=	2.9	PHAS=	45.0	FOM=	0.86	TEST=	0
INDE	5	38	61	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	38	63	FOBS=	33.0	SIGMA=	5.8	PHAS=	29.7	FOM=	0.66	TEST=	0
INDE	5	38	65	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	38	67	FOBS=	27.6	SIGMA=	10.6	PHAS=	-130.5	FOM=	0.54	TEST=	0
INDE	5	39	6	FOBS=	55.3	SIGMA=	2.7	PHAS=	-23.6	FOM=	0.98	TEST=	0
INDE	5	39	8	FOBS=	272.2	SIGMA=	0.7	PHAS=	-35.1	FOM=	0.94	TEST=	0
INDE	5	39	10	FOBS=	246.2	SIGMA=	0.7	PHAS=	-110.4	FOM=	0.91	TEST=	0
INDE	5	39	12	FOBS=	212.8	SIGMA=	0.9	PHAS=	158.1	FOM=	0.45	TEST=	1
INDE	5	39	14	FOBS=	103.6	SIGMA=	1.7	PHAS=	34.0	FOM=	0.95	TEST=	1
INDE	5	39	16	FOBS=	163.0	SIGMA=	1.2	PHAS=	43.3	FOM=	0.91	TEST=	0
INDE	5	39	18	FOBS=	162.7	SIGMA=	1.3	PHAS=	-152.3	FOM=	0.83	TEST=	0
INDE	5	39	20	FOBS=	44.9	SIGMA=	4.3	PHAS=	60.0	FOM=	0.29	TEST=	0
INDE	5	39	22	FOBS=	373.2	SIGMA=	1.2	PHAS=	168.9	FOM=	0.98	TEST=	0
INDE	5	39	24	FOBS=	230.3	SIGMA=	1.6	PHAS=	-141.3	FOM=	0.98	TEST=	0
INDE	5	39	26	FOBS=	145.9	SIGMA=	2.4	PHAS=	90.2	FOM=	0.78	TEST=	0
INDE	5	39	28	FOBS=	176.9	SIGMA=	1.8	PHAS=	-70.4	FOM=	0.95	TEST=	0
INDE	5	39	30	FOBS=	92.5	SIGMA=	2.9	PHAS=	129.6	FOM=	0.80	TEST=	0
INDE	5	39	32	FOBS=	90.9	SIGMA=	2.4	PHAS=	151.6	FOM=	0.70	TEST=	0
INDE	5	39	34	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	39	36	FOBS=	174.3	SIGMA=	1.3	PHAS=	60.8	FOM=	0.82	TEST=	0
INDE	5	39	38	FOBS=	82.5	SIGMA=	2.4	PHAS=	170.1	FOM=	0.91	TEST=	0
INDE	5	39	40	FOBS=	181.6	SIGMA=	1.1	PHAS=	-163.5	FOM=	0.94	TEST=	0
INDE	5	39	42	FOBS=	159.9	SIGMA=	1.2	PHAS=	-84.4	FOM=	0.94	TEST=	0
INDE	5	39	44	FOBS=	121.1	SIGMA=	1.6	PHAS=	-68.4	FOM=	0.90	TEST=	0
INDE	5	39	46	FOBS=	55.3	SIGMA=	3.2	PHAS=	161.9	FOM=	0.63	TEST=	0
INDE	5	39	48	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	39	50	FOBS=	23.2	SIGMA=	6.9	PHAS=	58.0	FOM=	0.45	TEST=	0
INDE	5	39	52	FOBS=	27.0	SIGMA=	6.4	PHAS=	6.7	FOM=	0.16	TEST=	0
INDE	5	39	54	FOBS=	113.2	SIGMA=	1.6	PHAS=	126.9	FOM=	0.60	TEST=	0
INDE	5	39	56	FOBS=	19.2	SIGMA=	11.8	PHAS=	179.1	FOM=	0.36	TEST=	0
INDE	5	39	58	FOBS=	72.5	SIGMA=	2.5	PHAS=	-78.9	FOM=	0.72	TEST=	1
INDE	5	39	60	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	39	62	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	5	39	64	FOBS=	69.1	SIGMA=	2.7	PHAS=	-124.2	FOM=	0.70	TEST=	0
INDE	5	39	66	FOBS=	48.1	SIGMA=	6.6	PHAS=	120.9	FOM=	0.56	TEST=	0
INDE	5	40	5	FOBS=	343.6	SIGMA=	0.9	PHAS=	-68.8	FOM=	0.98	TEST=	0
INDE	5	40	7	FOBS=	87.0	SIGMA=	3.2	PHAS=	118.0	FOM=	0.65	TEST=	0
INDE	5	40	9	FOBS=	298.6	SIGMA=	1.3	PHAS=	-138.7	FOM=	0.97	TEST=	0
INDE	5	40	11	FOBS=	181.9	SIGMA=	0.8	PHAS=	-16.1	FOM=	0.96	TEST=	0
INDE	5	40	13	FOBS=	356.2	SIGMA=	0.7	PHAS=	82.7	FOM=	0.97	TEST=	0
INDE	5	40	15	FOBS=	179.0	SIGMA=	1.1	PHAS=	-44.6	FOM=	0.95	TEST=	0
INDE	5	40	17	FOBS=	323.2	SIGMA=	0.8	PHAS=	-56.9	FOM=	0.70	TEST=	0
INDE	5	40	19	FOBS=	189.0	SIGMA=	1.2	PHAS=	24.8	FOM=	0.90	TEST=	0
INDE	5	40	21	FOBS=	105.8	SIGMA=	2.1	PHAS=	34.1	FOM=	0.84	TEST=	0
INDE	5	40	23	FOBS=	276.0	SIGMA=	1.5	PHAS=	87.3	FOM=	0.90	TEST=	0
INDE	5	40	25	FOBS=	108.0	SIGMA=	3.3	PHAS=	29.3	FOM=	0.85	TEST=	0
INDE	5	40	27	FOBS=	32.5	SIGMA=	10.6	PHAS=	-14.6	FOM=	0.21	TEST=	0
INDE	5	40	29	FOBS=	72.5	SIGMA=	4.2	PHAS=	-175.1	FOM=	0.12	TEST=	0
INDE	5	40	31	FOBS=	78.3	SIGMA=	3.0	PHAS=	-85.0	FOM=	0.79	TEST=	0
INDE	5	40	33	FOBS=	57.7	SIGMA=	3.6	PHAS=	-130.0	FOM=	0.70	TEST=	1
INDE	5	40	35	FOBS=	161.7	SIGMA=	1.3	PHAS=	15.3	FOM=	0.92	TEST=	0
INDE	5	40	37	FOBS=	185.3	SIGMA=	1.1	PHAS=	-77.5	FOM=	0.96	TEST=	0
INDE	5	40	39	FOBS=	145.6	SIGMA=	1.4	PHAS=	21.3	FOM=	0.94	TEST=	0
INDE	5	40	41	FOBS=	67.6	SIGMA=	2.8	PHAS=	162.2	FOM=	0.51	TEST=	0
INDE	5	40	43	FOBS=	54.2	SIGMA=	3.4	PHAS=	105.2	FOM=	0.61	TEST=	0
INDE	5	40	45	FOBS=	45.2	SIGMA=	4.1	PHAS=	139.9	FOM=	0.22	TEST=	0
INDE	5	40	47	FOBS=	164.2	SIGMA=	1.1	PHAS=	-22.7	FOM=	0.95	TEST=	0
INDE	5	40	49	FOBS=	43.1	SIGMA=	3.4	PHAS=	-67.1	FOM=	0.48	TEST=	0
INDE	5	40	51	FOBS=	62.3	SIGMA=	2.4	PHAS=	-80.8	FOM=	0.88	TEST=	0
INDE	5	40	53	FOBS=	124.2	SIGMA=	1.5	PHAS=	163.0	FOM=	0.62	TEST=	1
INDE	5	40	55	FOBS=	27.3	SIGMA=	6.7	PHAS=	168.3	FOM=	0.11	TEST=	1
INDE	5	40	57	FOBS=	42.1	SIGMA=	4.3	PHAS=	120.4	FOM=	0.45	TEST=	0
INDE	5	40	59	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	5	40	61	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	40	63	FOBS=	73.3	SIGMA=	2.6	PHAS=	104.8	FOM=	0.80	TEST=	0
INDE	5	40	65	FOBS=	89.3	SIGMA=	2.6	PHAS=	-57.1	FOM=	0.91	TEST=	0
INDE	5	41	6	FOBS=	225.6	SIGMA=	0.9	PHAS=	-148.8	FOM=	0.88	TEST=	0
INDE	5	41	8	FOBS=	139.7	SIGMA=	1.2	PHAS=	146.3	FOM=	0.96	TEST=	0
INDE	5	41	10	FOBS=	53.3	SIGMA=	2.6	PHAS=	-117.3	FOM=	0.94	TEST=	1
INDE	5	41	12	FOBS=	152.7	SIGMA=	1.2	PHAS=	5.2	FOM=	0.92	TEST=	0
INDE	5	41	14	FOBS=	156.2	SIGMA=	1.3	PHAS=	-43.5	FOM=	0.95	TEST=	1
INDE	5	41	16	FOBS=	47.1	SIGMA=	4.1	PHAS=	-81.0	FOM=	0.88	TEST=	1
INDE	5	41	18	FOBS=	302.9	SIGMA=	1.0	PHAS=	95.4	FOM=	0.80	TEST=	1
INDE	5	41	20	FOBS=	88.8	SIGMA=	2.5	PHAS=	-86.9	FOM=	0.92	TEST=	0
INDE	5	41	22	FOBS=	207.3	SIGMA=	1.2	PHAS=	-160.9	FOM=	0.94	TEST=	0
INDE	5	41	24	FOBS=	174.5	SIGMA=	2.2	PHAS=	-79.6	FOM=	0.82	TEST=	0
INDE	5	41	26	FOBS=	176.9	SIGMA=	2.2	PHAS=	-92.5	FOM=	0.73	TEST=	0
INDE	5	41	28	FOBS=	146.5	SIGMA=	2.5	PHAS=	-15.2	FOM=	0.76	TEST=	0
INDE	5	41	30	FOBS=	20.9	SIGMA=	12.3	PHAS=	-115.0	FOM=	0.13	TEST=	0
INDE	5	41	32	FOBS=	182.6	SIGMA=	1.3	PHAS=	-6.6	FOM=	0.89	TEST=	0
INDE	5	41	34	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	41	36	FOBS=	129.7	SIGMA=	1.6	PHAS=	-177.9	FOM=	0.89	TEST=	0
INDE	5	41	38	FOBS=	207.0	SIGMA=	1.0	PHAS=	-89.9	FOM=	0.93	TEST=	0
INDE	5	41	40	FOBS=	218.7	SIGMA=	1.0	PHAS=	67.2	FOM=	0.91	TEST=	0
INDE	5	41	42	FOBS=	120.6	SIGMA=	1.6	PHAS=	-139.1	FOM=	0.75	TEST=	0
INDE	5	41	44	FOBS=	113.9	SIGMA=	1.6	PHAS=	18.9	FOM=	0.93	TEST=	0
INDE	5	41	46	FOBS=	53.6	SIGMA=	3.3	PHAS=	-99.9	FOM=	0.37	TEST=	1
INDE	5	41	48	FOBS=	101.9	SIGMA=	1.5	PHAS=	-139.8	FOM=	0.93	TEST=	0
INDE	5	41	50	FOBS=	130.8	SIGMA=	1.2	PHAS=	-142.6	FOM=	0.91	TEST=	0
INDE	5	41	52	FOBS=	33.0	SIGMA=	5.6	PHAS=	61.2	FOM=	0.08	TEST=	1
INDE	5	41	54	FOBS=	101.6	SIGMA=	1.8	PHAS=	88.1	FOM=	0.92	TEST=	0
INDE	5	41	56	FOBS=	2.8	SIGMA=	80.5	PHAS=	82.3	FOM=	0.26	TEST=	1
INDE	5	41	58	FOBS=	31.0	SIGMA=	5.9	PHAS=	-44.4	FOM=	0.34	TEST=	0
INDE	5	41	60	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	5	41	62	FOBS=	51.6	SIGMA=	3.6	PHAS=	-6.8	FOM=	0.87	TEST=	0
INDE	5	41	64	FOBS=	36.8	SIGMA=	6.6	PHAS=	50.0	FOM=	0.03	TEST=	1
INDE	5	42	5	FOBS=	108.9	SIGMA=	1.7	PHAS=	-25.6	FOM=	0.83	TEST=	0
INDE	5	42	7	FOBS=	350.3	SIGMA=	1.2	PHAS=	110.1	FOM=	0.97	TEST=	0
INDE	5	42	9	FOBS=	173.8	SIGMA=	0.9	PHAS=	-133.2	FOM=	0.95	TEST=	0
INDE	5	42	11	FOBS=	205.6	SIGMA=	0.8	PHAS=	-107.6	FOM=	0.29	TEST=	1
INDE	5	42	13	FOBS=	233.2	SIGMA=	1.0	PHAS=	86.9	FOM=	0.94	TEST=	0
INDE	5	42	15	FOBS=	88.2	SIGMA=	2.3	PHAS=	137.4	FOM=	0.53	TEST=	0
INDE	5	42	17	FOBS=	78.6	SIGMA=	2.7	PHAS=	161.5	FOM=	0.31	TEST=	0

INDE	5	42	19	FOBS=	43.4	SIGMA=	5.2	PHAS=	-30.7	FOM=	0.77	TEST=	1
INDE	5	42	21	FOBS=	202.1	SIGMA=	1.3	PHAS=	156.8	FOM=	0.96	TEST=	0
INDE	5	42	23	FOBS=	93.8	SIGMA=	2.6	PHAS=	116.9	FOM=	0.93	TEST=	0
INDE	5	42	25	FOBS=	102.5	SIGMA=	3.6	PHAS=	168.8	FOM=	0.78	TEST=	0
INDE	5	42	27	FOBS=	74.8	SIGMA=	4.8	PHAS=	-102.7	FOM=	0.40	TEST=	0
INDE	5	42	29	FOBS=	174.3	SIGMA=	1.8	PHAS=	-22.9	FOM=	0.97	TEST=	0
INDE	5	42	31	FOBS=	194.1	SIGMA=	1.4	PHAS=	-122.1	FOM=	0.96	TEST=	0
INDE	5	42	33	FOBS=	158.1	SIGMA=	1.5	PHAS=	-100.0	FOM=	0.93	TEST=	0
INDE	5	42	35	FOBS=	116.4	SIGMA=	1.8	PHAS=	-111.1	FOM=	0.05	TEST=	1
INDE	5	42	37	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	5	42	39	FOBS=	50.1	SIGMA=	3.9	PHAS=	-27.7	FOM=	0.94	TEST=	0
INDE	5	42	41	FOBS=	175.3	SIGMA=	1.2	PHAS=	-149.3	FOM=	0.94	TEST=	0
INDE	5	42	43	FOBS=	179.7	SIGMA=	1.1	PHAS=	52.9	FOM=	0.96	TEST=	0
INDE	5	42	45	FOBS=	25.4	SIGMA=	7.4	PHAS=	-144.3	FOM=	0.19	TEST=	0
INDE	5	42	47	FOBS=	0.0	SIGMA=	17.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	42	49	FOBS=	120.3	SIGMA=	1.3	PHAS=	-177.0	FOM=	0.94	TEST=	0
INDE	5	42	51	FOBS=	13.7	SIGMA=	15.1	PHAS=	102.2	FOM=	0.20	TEST=	0
INDE	5	42	53	FOBS=	93.7	SIGMA=	1.9	PHAS=	1.3	FOM=	0.87	TEST=	0
INDE	5	42	55	FOBS=	82.5	SIGMA=	2.2	PHAS=	17.7	FOM=	0.86	TEST=	0
INDE	5	42	57	FOBS=	62.4	SIGMA=	2.9	PHAS=	75.0	FOM=	0.65	TEST=	0
INDE	5	42	59	FOBS=	52.0	SIGMA=	3.6	PHAS=	0.3	FOM=	0.23	TEST=	0
INDE	5	42	61	FOBS=	68.0	SIGMA=	2.8	PHAS=	172.6	FOM=	0.63	TEST=	1
INDE	5	42	63	FOBS=	55.9	SIGMA=	4.3	PHAS=	-100.6	FOM=	0.90	TEST=	0
INDE	5	42	65	FOBS=	78.9	SIGMA=	3.6	PHAS=	-0.1	FOM=	0.87	TEST=	0
INDE	5	43	6	FOBS=	165.6	SIGMA=	1.2	PHAS=	16.7	FOM=	0.96	TEST=	0
INDE	5	43	8	FOBS=	265.1	SIGMA=	1.5	PHAS=	120.9	FOM=	0.85	TEST=	1
INDE	5	43	10	FOBS=	298.2	SIGMA=	0.8	PHAS=	-154.5	FOM=	0.97	TEST=	0
INDE	5	43	12	FOBS=	92.9	SIGMA=	1.7	PHAS=	25.1	FOM=	0.91	TEST=	0
INDE	5	43	14	FOBS=	124.3	SIGMA=	1.7	PHAS=	-62.4	FOM=	0.80	TEST=	0
INDE	5	43	16	FOBS=	240.9	SIGMA=	1.0	PHAS=	10.7	FOM=	0.98	TEST=	0
INDE	5	43	18	FOBS=	296.8	SIGMA=	0.9	PHAS=	43.3	FOM=	0.94	TEST=	0
INDE	5	43	20	FOBS=	150.4	SIGMA=	2.0	PHAS=	-7.2	FOM=	0.93	TEST=	0
INDE	5	43	22	FOBS=	102.1	SIGMA=	2.4	PHAS=	-164.6	FOM=	0.56	TEST=	0
INDE	5	43	24	FOBS=	162.0	SIGMA=	2.4	PHAS=	49.9	FOM=	0.95	TEST=	0
INDE	5	43	26	FOBS=	143.0	SIGMA=	2.6	PHAS=	-1.5	FOM=	0.65	TEST=	0
INDE	5	43	28	FOBS=	259.9	SIGMA=	1.6	PHAS=	-82.6	FOM=	0.96	TEST=	0
INDE	5	43	30	FOBS=	128.8	SIGMA=	2.1	PHAS=	-179.5	FOM=	0.87	TEST=	0
INDE	5	43	32	FOBS=	251.2	SIGMA=	1.2	PHAS=	106.6	FOM=	0.96	TEST=	0
INDE	5	43	34	FOBS=	181.0	SIGMA=	1.3	PHAS=	161.7	FOM=	0.91	TEST=	0
INDE	5	43	36	FOBS=	31.2	SIGMA=	6.8	PHAS=	59.7	FOM=	0.34	TEST=	0
INDE	5	43	38	FOBS=	170.6	SIGMA=	1.2	PHAS=	-84.2	FOM=	0.91	TEST=	1
INDE	5	43	40	FOBS=	128.8	SIGMA=	1.5	PHAS=	66.1	FOM=	0.75	TEST=	0
INDE	5	43	42	FOBS=	80.3	SIGMA=	2.4	PHAS=	70.3	FOM=	0.87	TEST=	0
INDE	5	43	44	FOBS=	43.1	SIGMA=	4.2	PHAS=	-50.5	FOM=	0.59	TEST=	0
INDE	5	43	46	FOBS=	65.8	SIGMA=	2.7	PHAS=	-35.4	FOM=	0.20	TEST=	0
INDE	5	43	48	FOBS=	25.2	SIGMA=	6.2	PHAS=	-159.5	FOM=	0.18	TEST=	0
INDE	5	43	50	FOBS=	36.6	SIGMA=	4.4	PHAS=	133.7	FOM=	0.79	TEST=	0
INDE	5	43	52	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	43	54	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	43	56	FOBS=	120.1	SIGMA=	1.5	PHAS=	-42.2	FOM=	0.95	TEST=	0
INDE	5	43	58	FOBS=	79.5	SIGMA=	2.2	PHAS=	-23.3	FOM=	0.80	TEST=	0
INDE	5	43	60	FOBS=	91.2	SIGMA=	2.1	PHAS=	161.5	FOM=	0.92	TEST=	0
INDE	5	43	62	FOBS=	25.2	SIGMA=	8.7	PHAS=	47.4	FOM=	0.10	TEST=	0
INDE	5	43	64	FOBS=	13.7	SIGMA=	17.7	PHAS=	-125.5	FOM=	0.33	TEST=	0
INDE	5	44	5	FOBS=	178.1	SIGMA=	1.2	PHAS=	-26.3	FOM=	0.80	TEST=	0
INDE	5	44	7	FOBS=	181.2	SIGMA=	2.0	PHAS=	-4.1	FOM=	0.91	TEST=	0
INDE	5	44	9	FOBS=	204.5	SIGMA=	1.0	PHAS=	17.5	FOM=	0.91	TEST=	0
INDE	5	44	11	FOBS=	190.9	SIGMA=	0.9	PHAS=	-16.0	FOM=	0.97	TEST=	0
INDE	5	44	13	FOBS=	53.4	SIGMA=	2.7	PHAS=	-176.0	FOM=	0.83	TEST=	0
INDE	5	44	15	FOBS=	81.5	SIGMA=	2.7	PHAS=	115.5	FOM=	0.88	TEST=	0
INDE	5	44	17	FOBS=	349.1	SIGMA=	1.4	PHAS=	-114.2	FOM=	0.98	TEST=	0
INDE	5	44	19	FOBS=	223.5	SIGMA=	1.2	PHAS=	-118.1	FOM=	0.75	TEST=	0
INDE	5	44	21	FOBS=	143.2	SIGMA=	1.8	PHAS=	-121.2	FOM=	0.88	TEST=	0
INDE	5	44	23	FOBS=	358.3	SIGMA=	1.0	PHAS=	-83.6	FOM=	0.97	TEST=	0
INDE	5	44	25	FOBS=	68.9	SIGMA=	5.2	PHAS=	-110.5	FOM=	0.64	TEST=	0
INDE	5	44	27	FOBS=	200.3	SIGMA=	1.9	PHAS=	164.6	FOM=	0.91	TEST=	0
INDE	5	44	29	FOBS=	0.0	SIGMA=	24.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	44	31	FOBS=	108.5	SIGMA=	2.4	PHAS=	17.5	FOM=	0.82	TEST=	0
INDE	5	44	33	FOBS=	198.5	SIGMA=	1.4	PHAS=	4.2	FOM=	0.92	TEST=	0
INDE	5	44	35	FOBS=	94.5	SIGMA=	2.2	PHAS=	3.3	FOM=	0.65	TEST=	1

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INDE	5	44	37	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	44	39	FOBS=	7.6	SIGMA=	26.6	PHAS=	-49.0	FOM=	0.02	TEST=	0
INDE	5	44	41	FOBS=	160.9	SIGMA=	1.3	PHAS=	-24.2	FOM=	0.93	TEST=	0
INDE	5	44	43	FOBS=	94.9	SIGMA=	2.0	PHAS=	-76.8	FOM=	0.89	TEST=	0
INDE	5	44	45	FOBS=	10.6	SIGMA=	19.2	PHAS=	-54.3	FOM=	0.20	TEST=	0
INDE	5	44	47	FOBS=	72.3	SIGMA=	2.3	PHAS=	48.8	FOM=	0.87	TEST=	0
INDE	5	44	49	FOBS=	33.2	SIGMA=	4.7	PHAS=	-119.1	FOM=	0.49	TEST=	0
INDE	5	44	51	FOBS=	29.6	SIGMA=	6.7	PHAS=	102.0	FOM=	0.44	TEST=	0
INDE	5	44	53	FOBS=	59.7	SIGMA=	3.0	PHAS=	-16.7	FOM=	0.90	TEST=	0
INDE	5	44	55	FOBS=	62.8	SIGMA=	2.8	PHAS=	-96.2	FOM=	0.75	TEST=	0
INDE	5	44	57	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	44	59	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	44	61	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	44	63	FOBS=	73.6	SIGMA=	3.4	PHAS=	-157.4	FOM=	0.88	TEST=	0
INDE	5	45	6	FOBS=	151.4	SIGMA=	1.4	PHAS=	129.2	FOM=	0.54	TEST=	1
INDE	5	45	8	FOBS=	65.2	SIGMA=	5.5	PHAS=	9.7	FOM=	0.42	TEST=	0
INDE	5	45	10	FOBS=	316.2	SIGMA=	0.8	PHAS=	-78.8	FOM=	0.98	TEST=	0
INDE	5	45	12	FOBS=	104.2	SIGMA=	1.5	PHAS=	-179.2	FOM=	0.40	TEST=	1
INDE	5	45	14	FOBS=	194.4	SIGMA=	0.9	PHAS=	-9.4	FOM=	0.87	TEST=	1
INDE	5	45	16	FOBS=	233.1	SIGMA=	1.1	PHAS=	-0.2	FOM=	0.94	TEST=	0
INDE	5	45	18	FOBS=	265.4	SIGMA=	1.3	PHAS=	141.2	FOM=	0.95	TEST=	0
INDE	5	45	20	FOBS=	127.8	SIGMA=	2.0	PHAS=	-2.6	FOM=	0.94	TEST=	0
INDE	5	45	22	FOBS=	157.2	SIGMA=	1.7	PHAS=	-173.9	FOM=	0.91	TEST=	0
INDE	5	45	24	FOBS=	255.2	SIGMA=	1.1	PHAS=	127.3	FOM=	0.95	TEST=	0
INDE	5	45	26	FOBS=	192.5	SIGMA=	2.0	PHAS=	-8.4	FOM=	0.80	TEST=	0
INDE	5	45	28	FOBS=	134.7	SIGMA=	2.3	PHAS=	-66.5	FOM=	0.72	TEST=	0
INDE	5	45	30	FOBS=	49.8	SIGMA=	5.1	PHAS=	98.7	FOM=	0.26	TEST=	0
INDE	5	45	32	FOBS=	88.7	SIGMA=	2.9	PHAS=	84.1	FOM=	0.84	TEST=	0
INDE	5	45	34	FOBS=	136.8	SIGMA=	1.6	PHAS=	-61.3	FOM=	0.89	TEST=	0
INDE	5	45	36	FOBS=	69.5	SIGMA=	2.9	PHAS=	5.6	FOM=	0.64	TEST=	0
INDE	5	45	38	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	45	40	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	45	42	FOBS=	141.5	SIGMA=	1.4	PHAS=	154.0	FOM=	0.92	TEST=	0
INDE	5	45	44	FOBS=	112.6	SIGMA=	1.7	PHAS=	-19.9	FOM=	0.17	TEST=	0
INDE	5	45	46	FOBS=	72.4	SIGMA=	2.5	PHAS=	-32.0	FOM=	0.91	TEST=	0
INDE	5	45	48	FOBS=	41.0	SIGMA=	3.7	PHAS=	-48.1	FOM=	0.58	TEST=	0
INDE	5	45	50	FOBS=	124.1	SIGMA=	1.5	PHAS=	94.0	FOM=	0.92	TEST=	0
INDE	5	45	52	FOBS=	31.5	SIGMA=	5.6	PHAS=	-69.2	FOM=	0.04	TEST=	1
INDE	5	45	54	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	45	56	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	45	58	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	45	60	FOBS=	80.2	SIGMA=	2.3	PHAS=	137.1	FOM=	0.90	TEST=	0
INDE	5	45	62	FOBS=	4.5	SIGMA=	72.9	PHAS=	124.3	FOM=	0.16	TEST=	0
INDE	5	46	5	FOBS=	134.3	SIGMA=	1.6	PHAS=	-9.7	FOM=	0.97	TEST=	0
INDE	5	46	7	FOBS=	101.8	SIGMA=	3.7	PHAS=	96.0	FOM=	0.55	TEST=	0
INDE	5	46	9	FOBS=	133.4	SIGMA=	2.9	PHAS=	178.0	FOM=	0.95	TEST=	0
INDE	5	46	11	FOBS=	199.1	SIGMA=	1.2	PHAS=	-110.3	FOM=	0.92	TEST=	0
INDE	5	46	13	FOBS=	81.1	SIGMA=	2.0	PHAS=	171.3	FOM=	0.82	TEST=	0
INDE	5	46	15	FOBS=	201.0	SIGMA=	1.3	PHAS=	47.5	FOM=	0.94	TEST=	0
INDE	5	46	17	FOBS=	129.9	SIGMA=	1.9	PHAS=	-124.5	FOM=	0.91	TEST=	0
INDE	5	46	19	FOBS=	168.6	SIGMA=	1.5	PHAS=	-142.8	FOM=	0.94	TEST=	0
INDE	5	46	21	FOBS=	148.1	SIGMA=	1.7	PHAS=	179.2	FOM=	0.86	TEST=	0
INDE	5	46	23	FOBS=	134.5	SIGMA=	1.9	PHAS=	-58.8	FOM=	0.95	TEST=	0
INDE	5	46	25	FOBS=	169.0	SIGMA=	1.5	PHAS=	126.0	FOM=	0.80	TEST=	0
INDE	5	46	27	FOBS=	55.1	SIGMA=	6.3	PHAS=	148.8	FOM=	0.52	TEST=	0
INDE	5	46	29	FOBS=	78.6	SIGMA=	3.8	PHAS=	-105.3	FOM=	0.86	TEST=	0
INDE	5	46	31	FOBS=	104.6	SIGMA=	2.5	PHAS=	10.9	FOM=	0.90	TEST=	0
INDE	5	46	33	FOBS=	126.7	SIGMA=	2.0	PHAS=	-61.1	FOM=	0.90	TEST=	0
INDE	5	46	35	FOBS=	137.8	SIGMA=	1.6	PHAS=	164.6	FOM=	0.92	TEST=	0
INDE	5	46	37	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	46	39	FOBS=	48.9	SIGMA=	3.8	PHAS=	-3.7	FOM=	0.52	TEST=	0
INDE	5	46	41	FOBS=	159.6	SIGMA=	1.3	PHAS=	55.1	FOM=	0.96	TEST=	0
INDE	5	46	43	FOBS=	65.5	SIGMA=	2.8	PHAS=	-133.2	FOM=	0.40	TEST=	0
INDE	5	46	45	FOBS=	70.4	SIGMA=	2.6	PHAS=	-52.5	FOM=	0.83	TEST=	0
INDE	5	46	47	FOBS=	29.5	SIGMA=	5.6	PHAS=	15.7	FOM=	0.26	TEST=	0
INDE	5	46	49	FOBS=	126.1	SIGMA=	1.3	PHAS=	-47.3	FOM=	0.96	TEST=	0
INDE	5	46	51	FOBS=	105.6	SIGMA=	1.7	PHAS=	-5.3	FOM=	0.85	TEST=	0
INDE	5	46	53	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	46	55	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	46	57	FOBS=	30.8	SIGMA=	5.9	PHAS=	-1.0	FOM=	0.42	TEST=	0

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INDE	5	46	59	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	46	61	FOBS=	79.0	SIGMA=	2.6	PHAS=	13.7	FOM=	0.93	TEST=	0
INDE	5	47	6	FOBS=	41.5	SIGMA=	9.1	PHAS=	-136.2	FOM=	0.70	TEST=	0
INDE	5	47	8	FOBS=	183.5	SIGMA=	2.3	PHAS=	41.3	FOM=	0.93	TEST=	0
INDE	5	47	10	FOBS=	177.1	SIGMA=	1.1	PHAS=	-86.9	FOM=	0.89	TEST=	0
INDE	5	47	12	FOBS=	189.2	SIGMA=	1.4	PHAS=	145.6	FOM=	0.97	TEST=	0
INDE	5	47	14	FOBS=	204.9	SIGMA=	1.2	PHAS=	-4.0	FOM=	0.94	TEST=	0
INDE	5	47	16	FOBS=	230.0	SIGMA=	1.1	PHAS=	8.5	FOM=	0.94	TEST=	0
INDE	5	47	18	FOBS=	372.2	SIGMA=	1.0	PHAS=	178.7	FOM=	0.98	TEST=	0
INDE	5	47	20	FOBS=	79.5	SIGMA=	4.7	PHAS=	172.8	FOM=	0.59	TEST=	0
INDE	5	47	22	FOBS=	30.5	SIGMA=	7.8	PHAS=	104.8	FOM=	0.67	TEST=	0
INDE	5	47	24	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	47	26	FOBS=	27.9	SIGMA=	8.4	PHAS=	40.8	FOM=	0.24	TEST=	0
INDE	5	47	28	FOBS=	28.8	SIGMA=	10.2	PHAS=	60.1	FOM=	0.16	TEST=	0
INDE	5	47	30	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	47	32	FOBS=	76.6	SIGMA=	3.3	PHAS=	-24.6	FOM=	0.88	TEST=	0
INDE	5	47	34	FOBS=	50.2	SIGMA=	4.9	PHAS=	96.3	FOM=	0.62	TEST=	0
INDE	5	47	36	FOBS=	45.8	SIGMA=	4.6	PHAS=	40.4	FOM=	0.68	TEST=	0
INDE	5	47	38	FOBS=	83.9	SIGMA=	2.2	PHAS=	-81.4	FOM=	0.90	TEST=	0
INDE	5	47	40	FOBS=	162.3	SIGMA=	1.2	PHAS=	-141.7	FOM=	0.96	TEST=	0
INDE	5	47	42	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	47	44	FOBS=	82.9	SIGMA=	2.2	PHAS=	-94.5	FOM=	0.81	TEST=	0
INDE	5	47	46	FOBS=	68.1	SIGMA=	2.7	PHAS=	-43.4	FOM=	0.85	TEST=	0
INDE	5	47	48	FOBS=	65.9	SIGMA=	2.4	PHAS=	-133.4	FOM=	0.90	TEST=	0
INDE	5	47	50	FOBS=	66.6	SIGMA=	2.7	PHAS=	-117.3	FOM=	0.06	TEST=	1
INDE	5	47	52	FOBS=	39.7	SIGMA=	4.8	PHAS=	-131.8	FOM=	0.43	TEST=	0
INDE	5	47	54	FOBS=	29.9	SIGMA=	6.7	PHAS=	67.5	FOM=	0.40	TEST=	0
INDE	5	47	56	FOBS=	11.6	SIGMA=	16.6	PHAS=	-139.9	FOM=	0.22	TEST=	0
INDE	5	47	58	FOBS=	19.8	SIGMA=	9.7	PHAS=	73.4	FOM=	0.06	TEST=	0
INDE	5	47	60	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	48	5	FOBS=	57.0	SIGMA=	4.0	PHAS=	-90.0	FOM=	0.51	TEST=	1
INDE	5	48	7	FOBS=	136.4	SIGMA=	3.0	PHAS=	-172.7	FOM=	0.93	TEST=	0
INDE	5	48	9	FOBS=	189.0	SIGMA=	2.3	PHAS=	-53.5	FOM=	0.90	TEST=	1
INDE	5	48	11	FOBS=	288.0	SIGMA=	1.0	PHAS=	-101.0	FOM=	0.97	TEST=	0
INDE	5	48	13	FOBS=	112.0	SIGMA=	1.4	PHAS=	91.7	FOM=	0.94	TEST=	0
INDE	5	48	15	FOBS=	75.3	SIGMA=	2.3	PHAS=	67.7	FOM=	0.86	TEST=	0
INDE	5	48	17	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	48	19	FOBS=	135.6	SIGMA=	1.8	PHAS=	170.2	FOM=	0.90	TEST=	0
INDE	5	48	21	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	5	48	23	FOBS=	147.1	SIGMA=	1.7	PHAS=	-152.6	FOM=	0.91	TEST=	0
INDE	5	48	25	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	48	27	FOBS=	101.9	SIGMA=	2.2	PHAS=	115.8	FOM=	0.80	TEST=	0
INDE	5	48	29	FOBS=	0.0	SIGMA=	27.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	48	31	FOBS=	170.3	SIGMA=	1.6	PHAS=	-71.7	FOM=	0.97	TEST=	0
INDE	5	48	33	FOBS=	200.6	SIGMA=	1.4	PHAS=	-65.5	FOM=	0.95	TEST=	0
INDE	5	48	35	FOBS=	82.6	SIGMA=	3.0	PHAS=	136.1	FOM=	0.64	TEST=	0
INDE	5	48	37	FOBS=	110.7	SIGMA=	1.9	PHAS=	-160.5	FOM=	0.95	TEST=	0
INDE	5	48	39	FOBS=	175.1	SIGMA=	1.2	PHAS=	160.7	FOM=	0.95	TEST=	1
INDE	5	48	41	FOBS=	95.8	SIGMA=	2.0	PHAS=	82.2	FOM=	0.92	TEST=	0
INDE	5	48	43	FOBS=	51.4	SIGMA=	3.6	PHAS=	-40.9	FOM=	0.38	TEST=	0
INDE	5	48	45	FOBS=	25.1	SIGMA=	7.2	PHAS=	-20.9	FOM=	0.14	TEST=	0
INDE	5	48	47	FOBS=	17.5	SIGMA=	10.9	PHAS=	-155.3	FOM=	0.32	TEST=	0
INDE	5	48	49	FOBS=	41.6	SIGMA=	4.3	PHAS=	61.8	FOM=	0.60	TEST=	0
INDE	5	48	51	FOBS=	27.1	SIGMA=	7.7	PHAS=	-122.0	FOM=	0.14	TEST=	0
INDE	5	48	53	FOBS=	90.5	SIGMA=	2.0	PHAS=	63.9	FOM=	0.05	TEST=	1
INDE	5	48	55	FOBS=	35.2	SIGMA=	5.7	PHAS=	-31.9	FOM=	0.07	TEST=	1
INDE	5	48	57	FOBS=	65.5	SIGMA=	3.0	PHAS=	151.6	FOM=	0.18	TEST=	1
INDE	5	48	59	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	49	6	FOBS=	88.1	SIGMA=	4.6	PHAS=	17.1	FOM=	0.91	TEST=	0
INDE	5	49	8	FOBS=	68.9	SIGMA=	5.7	PHAS=	177.0	FOM=	0.79	TEST=	1
INDE	5	49	10	FOBS=	151.1	SIGMA=	2.7	PHAS=	-125.9	FOM=	0.90	TEST=	0
INDE	5	49	12	FOBS=	148.9	SIGMA=	1.3	PHAS=	70.8	FOM=	0.90	TEST=	0
INDE	5	49	14	FOBS=	107.7	SIGMA=	1.7	PHAS=	167.9	FOM=	0.88	TEST=	0
INDE	5	49	16	FOBS=	113.2	SIGMA=	1.5	PHAS=	-37.7	FOM=	0.63	TEST=	1
INDE	5	49	18	FOBS=	206.3	SIGMA=	1.3	PHAS=	-119.0	FOM=	0.92	TEST=	0
INDE	5	49	20	FOBS=	39.8	SIGMA=	5.7	PHAS=	-82.2	FOM=	0.18	TEST=	0
INDE	5	49	22	FOBS=	33.2	SIGMA=	7.9	PHAS=	104.5	FOM=	0.53	TEST=	0
INDE	5	49	24	FOBS=	68.9	SIGMA=	3.6	PHAS=	-0.6	FOM=	0.44	TEST=	0
INDE	5	49	26	FOBS=	82.6	SIGMA=	2.7	PHAS=	167.2	FOM=	0.64	TEST=	0
INDE	5	49	28	FOBS=	142.1	SIGMA=	1.6	PHAS=	125.3	FOM=	0.88	TEST=	0

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INDE	5	49	30	FOBS=	44.1	SIGMA=	5.7	PHAS=	-171.0	FOM=	0.52	TEST=	0
INDE	5	49	32	FOBS=	189.7	SIGMA=	1.5	PHAS=	-88.7	FOM=	0.95	TEST=	0
INDE	5	49	34	FOBS=	145.8	SIGMA=	1.8	PHAS=	-175.0	FOM=	0.93	TEST=	0
INDE	5	49	36	FOBS=	71.1	SIGMA=	3.0	PHAS=	140.0	FOM=	0.89	TEST=	0
INDE	5	49	38	FOBS=	129.0	SIGMA=	1.5	PHAS=	109.5	FOM=	0.95	TEST=	0
INDE	5	49	40	FOBS=	86.9	SIGMA=	2.2	PHAS=	89.8	FOM=	0.91	TEST=	1
INDE	5	49	42	FOBS=	43.2	SIGMA=	4.4	PHAS=	-21.9	FOM=	0.65	TEST=	0
INDE	5	49	44	FOBS=	24.2	SIGMA=	8.8	PHAS=	-8.7	FOM=	0.36	TEST=	0
INDE	5	49	46	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	49	48	FOBS=	0.0	SIGMA=	17.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	49	50	FOBS=	81.4	SIGMA=	2.3	PHAS=	3.3	FOM=	0.05	TEST=	1
INDE	5	49	52	FOBS=	108.9	SIGMA=	1.7	PHAS=	66.6	FOM=	0.93	TEST=	0
INDE	5	49	54	FOBS=	28.6	SIGMA=	6.8	PHAS=	43.8	FOM=	0.18	TEST=	0
INDE	5	49	56	FOBS=	46.4	SIGMA=	3.9	PHAS=	-61.9	FOM=	0.74	TEST=	0
INDE	5	49	58	FOBS=	13.2	SIGMA=	17.3	PHAS=	43.2	FOM=	0.07	TEST=	0
INDE	5	49	60	FOBS=	40.3	SIGMA=	6.3	PHAS=	-82.6	FOM=	0.02	TEST=	1
INDE	5	50	5	FOBS=	151.3	SIGMA=	1.6	PHAS=	-94.4	FOM=	0.87	TEST=	0
INDE	5	50	7	FOBS=	166.4	SIGMA=	2.5	PHAS=	-135.8	FOM=	0.84	TEST=	1
INDE	5	50	9	FOBS=	0.0	SIGMA=	27.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	50	11	FOBS=	83.4	SIGMA=	2.6	PHAS=	113.6	FOM=	0.89	TEST=	0
INDE	5	50	13	FOBS=	264.4	SIGMA=	0.8	PHAS=	71.1	FOM=	0.96	TEST=	0
INDE	5	50	15	FOBS=	176.8	SIGMA=	1.0	PHAS=	119.7	FOM=	0.89	TEST=	0
INDE	5	50	17	FOBS=	109.8	SIGMA=	1.6	PHAS=	129.9	FOM=	0.78	TEST=	0
INDE	5	50	19	FOBS=	171.6	SIGMA=	1.4	PHAS=	144.7	FOM=	0.87	TEST=	0
INDE	5	50	21	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	50	23	FOBS=	239.8	SIGMA=	1.1	PHAS=	-164.5	FOM=	0.94	TEST=	0
INDE	5	50	25	FOBS=	13.8	SIGMA=	17.1	PHAS=	92.5	FOM=	0.06	TEST=	0
INDE	5	50	27	FOBS=	51.3	SIGMA=	4.2	PHAS=	115.7	FOM=	0.51	TEST=	0
INDE	5	50	29	FOBS=	129.9	SIGMA=	1.6	PHAS=	20.7	FOM=	0.90	TEST=	0
INDE	5	50	31	FOBS=	126.5	SIGMA=	2.1	PHAS=	-112.0	FOM=	0.89	TEST=	0
INDE	5	50	33	FOBS=	85.9	SIGMA=	2.9	PHAS=	148.7	FOM=	0.84	TEST=	0
INDE	5	50	35	FOBS=	141.5	SIGMA=	1.8	PHAS=	110.2	FOM=	0.96	TEST=	0
INDE	5	50	37	FOBS=	42.0	SIGMA=	4.9	PHAS=	20.3	FOM=	0.84	TEST=	0
INDE	5	50	39	FOBS=	60.8	SIGMA=	3.0	PHAS=	84.2	FOM=	0.74	TEST=	0
INDE	5	50	41	FOBS=	66.6	SIGMA=	2.8	PHAS=	34.5	FOM=	0.85	TEST=	0
INDE	5	50	43	FOBS=	60.1	SIGMA=	3.1	PHAS=	-20.1	FOM=	0.91	TEST=	0
INDE	5	50	45	FOBS=	12.6	SIGMA=	17.5	PHAS=	78.1	FOM=	0.12	TEST=	0
INDE	5	50	47	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	50	49	FOBS=	85.6	SIGMA=	2.2	PHAS=	95.4	FOM=	0.75	TEST=	0
INDE	5	50	51	FOBS=	88.7	SIGMA=	2.1	PHAS=	19.0	FOM=	0.88	TEST=	0
INDE	5	50	53	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	50	55	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	50	57	FOBS=	31.9	SIGMA=	7.9	PHAS=	-154.8	FOM=	0.43	TEST=	0
INDE	5	50	59	FOBS=	62.9	SIGMA=	4.0	PHAS=	-177.3	FOM=	0.77	TEST=	0
INDE	5	51	6	FOBS=	139.3	SIGMA=	2.9	PHAS=	-124.6	FOM=	0.88	TEST=	0
INDE	5	51	8	FOBS=	142.2	SIGMA=	2.8	PHAS=	124.7	FOM=	0.95	TEST=	0
INDE	5	51	10	FOBS=	111.7	SIGMA=	3.5	PHAS=	-40.8	FOM=	0.71	TEST=	0
INDE	5	51	12	FOBS=	359.0	SIGMA=	1.4	PHAS=	18.3	FOM=	0.98	TEST=	0
INDE	5	51	14	FOBS=	213.5	SIGMA=	0.9	PHAS=	47.8	FOM=	0.92	TEST=	0
INDE	5	51	16	FOBS=	127.3	SIGMA=	1.3	PHAS=	-59.5	FOM=	0.81	TEST=	0
INDE	5	51	18	FOBS=	31.6	SIGMA=	5.3	PHAS=	-8.7	FOM=	0.68	TEST=	0
INDE	5	51	20	FOBS=	59.5	SIGMA=	3.8	PHAS=	-28.4	FOM=	0.49	TEST=	0
INDE	5	51	22	FOBS=	182.6	SIGMA=	1.4	PHAS=	124.4	FOM=	0.97	TEST=	0
INDE	5	51	24	FOBS=	80.2	SIGMA=	3.0	PHAS=	24.8	FOM=	0.65	TEST=	0
INDE	5	51	26	FOBS=	130.4	SIGMA=	1.8	PHAS=	29.1	FOM=	0.64	TEST=	0
INDE	5	51	28	FOBS=	45.9	SIGMA=	4.3	PHAS=	-57.3	FOM=	0.56	TEST=	0
INDE	5	51	30	FOBS=	68.8	SIGMA=	3.6	PHAS=	15.5	FOM=	0.66	TEST=	1
INDE	5	51	32	FOBS=	77.0	SIGMA=	3.3	PHAS=	-134.4	FOM=	0.77	TEST=	0
INDE	5	51	34	FOBS=	103.4	SIGMA=	2.4	PHAS=	-6.2	FOM=	0.20	TEST=	1
INDE	5	51	36	FOBS=	99.0	SIGMA=	2.5	PHAS=	16.5	FOM=	0.91	TEST=	0
INDE	5	51	38	FOBS=	131.5	SIGMA=	1.7	PHAS=	-11.0	FOM=	0.88	TEST=	0
INDE	5	51	40	FOBS=	87.4	SIGMA=	2.1	PHAS=	-9.0	FOM=	0.76	TEST=	0
INDE	5	51	42	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	5	51	44	FOBS=	85.3	SIGMA=	2.2	PHAS=	-138.6	FOM=	0.63	TEST=	0
INDE	5	51	46	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	51	48	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	51	50	FOBS=	36.7	SIGMA=	5.3	PHAS=	107.2	FOM=	0.02	TEST=	1
INDE	5	51	52	FOBS=	55.2	SIGMA=	3.5	PHAS=	34.3	FOM=	0.79	TEST=	0
INDE	5	51	54	FOBS=	49.8	SIGMA=	3.7	PHAS=	-150.3	FOM=	0.77	TEST=	0
INDE	5	51	56	FOBS=	59.1	SIGMA=	3.6	PHAS=	176.8	FOM=	0.70	TEST=	0

INDE	5	51	58	FOBS=	78.6	SIGMA=	3.2	PHAS=	93.6	FOM=	0.91	TEST=	0
INDE	5	52	5	FOBS=	75.9	SIGMA=	3.6	PHAS=	-108.8	FOM=	0.73	TEST=	0
INDE	5	52	7	FOBS=	86.2	SIGMA=	4.5	PHAS=	68.5	FOM=	0.83	TEST=	0
INDE	5	52	9	FOBS=	45.9	SIGMA=	8.1	PHAS=	47.9	FOM=	0.36	TEST=	0
INDE	5	52	11	FOBS=	44.9	SIGMA=	8.3	PHAS=	-121.3	FOM=	0.34	TEST=	0
INDE	5	52	13	FOBS=	129.7	SIGMA=	1.9	PHAS=	-108.5	FOM=	0.88	TEST=	0
INDE	5	52	15	FOBS=	167.5	SIGMA=	1.0	PHAS=	-96.8	FOM=	0.95	TEST=	0
INDE	5	52	17	FOBS=	50.8	SIGMA=	3.3	PHAS=	95.4	FOM=	0.36	TEST=	0
INDE	5	52	19	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	52	21	FOBS=	44.9	SIGMA=	5.0	PHAS=	58.6	FOM=	0.30	TEST=	0
INDE	5	52	23	FOBS=	60.2	SIGMA=	3.9	PHAS=	-27.1	FOM=	0.57	TEST=	0
INDE	5	52	25	FOBS=	47.4	SIGMA=	4.6	PHAS=	6.6	FOM=	0.18	TEST=	0
INDE	5	52	27	FOBS=	70.1	SIGMA=	2.9	PHAS=	-139.7	FOM=	0.58	TEST=	1
INDE	5	52	29	FOBS=	123.4	SIGMA=	1.7	PHAS=	-56.8	FOM=	0.47	TEST=	1
INDE	5	52	31	FOBS=	34.4	SIGMA=	7.1	PHAS=	-71.6	FOM=	0.25	TEST=	0
INDE	5	52	33	FOBS=	104.9	SIGMA=	2.4	PHAS=	-1.7	FOM=	0.85	TEST=	0
INDE	5	52	35	FOBS=	82.0	SIGMA=	3.0	PHAS=	-159.7	FOM=	0.88	TEST=	0
INDE	5	52	37	FOBS=	91.6	SIGMA=	2.7	PHAS=	-112.3	FOM=	0.88	TEST=	0
INDE	5	52	39	FOBS=	72.4	SIGMA=	2.7	PHAS=	-95.3	FOM=	0.53	TEST=	0
INDE	5	52	41	FOBS=	19.3	SIGMA=	10.4	PHAS=	-176.7	FOM=	0.08	TEST=	1
INDE	5	52	43	FOBS=	14.8	SIGMA=	13.3	PHAS=	-0.9	FOM=	0.13	TEST=	0
INDE	5	52	45	FOBS=	51.0	SIGMA=	3.6	PHAS=	109.2	FOM=	0.73	TEST=	0
INDE	5	52	47	FOBS=	70.1	SIGMA=	2.3	PHAS=	177.4	FOM=	0.70	TEST=	0
INDE	5	52	49	FOBS=	71.9	SIGMA=	2.6	PHAS=	-121.9	FOM=	0.05	TEST=	1
INDE	5	52	51	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	52	53	FOBS=	26.8	SIGMA=	8.6	PHAS=	-7.2	FOM=	0.38	TEST=	0
INDE	5	52	55	FOBS=	133.5	SIGMA=	1.7	PHAS=	79.2	FOM=	0.97	TEST=	0
INDE	5	52	57	FOBS=	105.5	SIGMA=	2.5	PHAS=	29.2	FOM=	0.90	TEST=	0
INDE	5	53	6	FOBS=	198.5	SIGMA=	2.1	PHAS=	-109.5	FOM=	0.95	TEST=	0
INDE	5	53	8	FOBS=	64.0	SIGMA=	5.9	PHAS=	-144.2	FOM=	0.45	TEST=	1
INDE	5	53	10	FOBS=	76.0	SIGMA=	5.0	PHAS=	-54.8	FOM=	0.66	TEST=	0
INDE	5	53	12	FOBS=	176.2	SIGMA=	2.3	PHAS=	66.9	FOM=	0.97	TEST=	0
INDE	5	53	14	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	53	16	FOBS=	180.9	SIGMA=	1.0	PHAS=	-92.0	FOM=	0.89	TEST=	1
INDE	5	53	18	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	53	20	FOBS=	38.1	SIGMA=	5.9	PHAS=	174.2	FOM=	0.83	TEST=	0
INDE	5	53	22	FOBS=	65.1	SIGMA=	3.5	PHAS=	65.2	FOM=	0.37	TEST=	0
INDE	5	53	24	FOBS=	100.9	SIGMA=	2.2	PHAS=	-73.2	FOM=	0.91	TEST=	0
INDE	5	53	26	FOBS=	76.5	SIGMA=	2.6	PHAS=	168.5	FOM=	0.39	TEST=	0
INDE	5	53	28	FOBS=	95.4	SIGMA=	2.1	PHAS=	-137.4	FOM=	0.75	TEST=	0
INDE	5	53	30	FOBS=	92.8	SIGMA=	2.2	PHAS=	-56.0	FOM=	0.91	TEST=	0
INDE	5	53	32	FOBS=	88.5	SIGMA=	2.9	PHAS=	-53.5	FOM=	0.82	TEST=	0
INDE	5	53	34	FOBS=	104.6	SIGMA=	2.4	PHAS=	114.2	FOM=	0.90	TEST=	0
INDE	5	53	36	FOBS=	131.8	SIGMA=	2.0	PHAS=	53.4	FOM=	0.95	TEST=	0
INDE	5	53	38	FOBS=	74.2	SIGMA=	2.8	PHAS=	9.5	FOM=	0.68	TEST=	0
INDE	5	53	40	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	53	42	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	5	53	44	FOBS=	26.1	SIGMA=	7.6	PHAS=	134.2	FOM=	0.61	TEST=	0
INDE	5	53	46	FOBS=	57.3	SIGMA=	3.0	PHAS=	88.3	FOM=	0.39	TEST=	1
INDE	5	53	48	FOBS=	61.2	SIGMA=	3.1	PHAS=	40.4	FOM=	0.88	TEST=	0
INDE	5	53	50	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	53	52	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	53	54	FOBS=	102.8	SIGMA=	2.1	PHAS=	-66.2	FOM=	0.96	TEST=	0
INDE	5	53	56	FOBS=	112.2	SIGMA=	2.7	PHAS=	20.1	FOM=	0.94	TEST=	0
INDE	5	54	5	FOBS=	73.4	SIGMA=	4.2	PHAS=	179.6	FOM=	0.81	TEST=	0
INDE	5	54	7	FOBS=	147.3	SIGMA=	2.6	PHAS=	-165.4	FOM=	0.87	TEST=	0
INDE	5	54	9	FOBS=	61.0	SIGMA=	6.1	PHAS=	75.5	FOM=	0.35	TEST=	0
INDE	5	54	11	FOBS=	183.7	SIGMA=	2.2	PHAS=	-113.2	FOM=	0.32	TEST=	1
INDE	5	54	13	FOBS=	145.5	SIGMA=	1.3	PHAS=	-29.1	FOM=	0.94	TEST=	0
INDE	5	54	15	FOBS=	78.0	SIGMA=	2.4	PHAS=	-163.4	FOM=	0.85	TEST=	0
INDE	5	54	17	FOBS=	36.6	SIGMA=	4.3	PHAS=	-176.3	FOM=	0.34	TEST=	0
INDE	5	54	19	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	54	21	FOBS=	45.7	SIGMA=	4.6	PHAS=	155.3	FOM=	0.14	TEST=	1
INDE	5	54	23	FOBS=	28.2	SIGMA=	8.1	PHAS=	96.9	FOM=	0.17	TEST=	1
INDE	5	54	25	FOBS=	132.0	SIGMA=	1.6	PHAS=	-132.7	FOM=	0.93	TEST=	0
INDE	5	54	27	FOBS=	99.8	SIGMA=	2.0	PHAS=	-106.7	FOM=	0.80	TEST=	0
INDE	5	54	29	FOBS=	85.9	SIGMA=	2.3	PHAS=	161.0	FOM=	0.30	TEST=	1
INDE	5	54	31	FOBS=	79.9	SIGMA=	2.5	PHAS=	-139.7	FOM=	0.85	TEST=	0
INDE	5	54	33	FOBS=	103.4	SIGMA=	2.5	PHAS=	-9.7	FOM=	0.93	TEST=	0
INDE	5	54	35	FOBS=	42.3	SIGMA=	5.7	PHAS=	-17.6	FOM=	0.55	TEST=	1

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INDE	5	54	37	FOBS=	139.1	SIGMA=	1.8	PHAS=	-81.4	FOM=	0.94	TEST=	0
INDE	5	54	39	FOBS=	40.9	SIGMA=	5.0	PHAS=	-6.4	FOM=	0.54	TEST=	0
INDE	5	54	41	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	54	43	FOBS=	70.4	SIGMA=	2.6	PHAS=	-122.4	FOM=	0.67	TEST=	0
INDE	5	54	45	FOBS=	124.2	SIGMA=	1.6	PHAS=	67.3	FOM=	0.94	TEST=	0
INDE	5	54	47	FOBS=	61.0	SIGMA=	3.1	PHAS=	14.5	FOM=	0.01	TEST=	1
INDE	5	54	49	FOBS=	57.7	SIGMA=	3.3	PHAS=	-53.3	FOM=	0.66	TEST=	0
INDE	5	54	51	FOBS=	58.7	SIGMA=	3.5	PHAS=	-157.3	FOM=	0.59	TEST=	0
INDE	5	54	53	FOBS=	61.4	SIGMA=	3.9	PHAS=	-138.1	FOM=	0.89	TEST=	0
INDE	5	54	55	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	55	6	FOBS=	151.0	SIGMA=	2.2	PHAS=	97.9	FOM=	0.91	TEST=	0
INDE	5	55	8	FOBS=	22.2	SIGMA=	13.6	PHAS=	-65.1	FOM=	0.37	TEST=	0
INDE	5	55	10	FOBS=	83.3	SIGMA=	4.5	PHAS=	-153.5	FOM=	0.74	TEST=	0
INDE	5	55	12	FOBS=	163.1	SIGMA=	2.4	PHAS=	-169.1	FOM=	0.89	TEST=	0
INDE	5	55	14	FOBS=	114.4	SIGMA=	1.6	PHAS=	-41.9	FOM=	0.85	TEST=	0
INDE	5	55	16	FOBS=	79.9	SIGMA=	1.9	PHAS=	-40.7	FOM=	0.74	TEST=	0
INDE	5	55	18	FOBS=	184.3	SIGMA=	1.0	PHAS=	116.7	FOM=	0.96	TEST=	0
INDE	5	55	20	FOBS=	74.8	SIGMA=	2.2	PHAS=	174.2	FOM=	0.90	TEST=	0
INDE	5	55	22	FOBS=	43.3	SIGMA=	5.1	PHAS=	140.8	FOM=	0.49	TEST=	0
INDE	5	55	24	FOBS=	102.8	SIGMA=	1.9	PHAS=	159.4	FOM=	0.79	TEST=	0
INDE	5	55	26	FOBS=	64.3	SIGMA=	3.1	PHAS=	118.1	FOM=	0.44	TEST=	0
INDE	5	55	28	FOBS=	47.8	SIGMA=	4.2	PHAS=	175.9	FOM=	0.68	TEST=	0
INDE	5	55	30	FOBS=	108.5	SIGMA=	1.9	PHAS=	-5.3	FOM=	0.83	TEST=	0
INDE	5	55	32	FOBS=	33.5	SIGMA=	5.9	PHAS=	-70.6	FOM=	0.39	TEST=	0
INDE	5	55	34	FOBS=	47.7	SIGMA=	5.1	PHAS=	-76.3	FOM=	0.33	TEST=	0
INDE	5	55	36	FOBS=	66.1	SIGMA=	3.7	PHAS=	157.4	FOM=	0.87	TEST=	0
INDE	5	55	38	FOBS=	105.4	SIGMA=	2.3	PHAS=	-46.5	FOM=	0.91	TEST=	0
INDE	5	55	40	FOBS=	69.0	SIGMA=	3.0	PHAS=	-75.6	FOM=	0.87	TEST=	0
INDE	5	55	42	FOBS=	85.1	SIGMA=	2.2	PHAS=	45.4	FOM=	0.24	TEST=	1
INDE	5	55	44	FOBS=	36.8	SIGMA=	5.0	PHAS=	125.2	FOM=	0.68	TEST=	0
INDE	5	55	46	FOBS=	35.9	SIGMA=	5.1	PHAS=	17.5	FOM=	0.35	TEST=	0
INDE	5	55	48	FOBS=	27.0	SIGMA=	7.9	PHAS=	51.5	FOM=	0.37	TEST=	0
INDE	5	55	50	FOBS=	39.9	SIGMA=	5.2	PHAS=	86.6	FOM=	0.24	TEST=	0
INDE	5	55	52	FOBS=	57.7	SIGMA=	4.5	PHAS=	-158.8	FOM=	0.87	TEST=	0
INDE	5	55	54	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	56	5	FOBS=	0.0	SIGMA=	24.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	56	7	FOBS=	50.1	SIGMA=	6.1	PHAS=	-60.0	FOM=	0.43	TEST=	0
INDE	5	56	9	FOBS=	128.6	SIGMA=	2.5	PHAS=	104.5	FOM=	0.91	TEST=	0
INDE	5	56	11	FOBS=	28.9	SIGMA=	10.4	PHAS=	146.4	FOM=	0.16	TEST=	0
INDE	5	56	13	FOBS=	55.3	SIGMA=	5.4	PHAS=	-18.9	FOM=	0.78	TEST=	0
INDE	5	56	15	FOBS=	146.8	SIGMA=	1.3	PHAS=	-128.6	FOM=	0.89	TEST=	0
INDE	5	56	17	FOBS=	141.6	SIGMA=	1.1	PHAS=	-35.7	FOM=	0.94	TEST=	0
INDE	5	56	19	FOBS=	172.4	SIGMA=	1.0	PHAS=	14.4	FOM=	0.98	TEST=	0
INDE	5	56	21	FOBS=	58.4	SIGMA=	2.8	PHAS=	116.2	FOM=	0.84	TEST=	0
INDE	5	56	23	FOBS=	96.7	SIGMA=	2.0	PHAS=	110.5	FOM=	0.88	TEST=	0
INDE	5	56	25	FOBS=	52.3	SIGMA=	3.7	PHAS=	158.7	FOM=	0.52	TEST=	0
INDE	5	56	27	FOBS=	7.9	SIGMA=	24.6	PHAS=	-0.6	FOM=	0.06	TEST=	0
INDE	5	56	29	FOBS=	68.6	SIGMA=	2.9	PHAS=	139.8	FOM=	0.86	TEST=	0
INDE	5	56	31	FOBS=	45.0	SIGMA=	4.4	PHAS=	-68.2	FOM=	0.64	TEST=	0
INDE	5	56	33	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	56	35	FOBS=	75.7	SIGMA=	3.2	PHAS=	133.6	FOM=	0.51	TEST=	0
INDE	5	56	37	FOBS=	61.6	SIGMA=	3.9	PHAS=	-141.5	FOM=	0.64	TEST=	0
INDE	5	56	39	FOBS=	129.1	SIGMA=	1.8	PHAS=	-128.8	FOM=	0.95	TEST=	0
INDE	5	56	41	FOBS=	65.9	SIGMA=	2.9	PHAS=	-90.3	FOM=	0.84	TEST=	0
INDE	5	56	43	FOBS=	51.7	SIGMA=	3.8	PHAS=	77.8	FOM=	0.65	TEST=	0
INDE	5	56	45	FOBS=	59.0	SIGMA=	3.1	PHAS=	35.5	FOM=	0.89	TEST=	0
INDE	5	56	47	FOBS=	50.3	SIGMA=	4.5	PHAS=	47.1	FOM=	0.51	TEST=	0
INDE	5	56	49	FOBS=	27.1	SIGMA=	8.2	PHAS=	-72.1	FOM=	0.38	TEST=	0
INDE	5	56	51	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	5	56	53	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	5	57	6	FOBS=	65.6	SIGMA=	4.0	PHAS=	139.5	FOM=	0.81	TEST=	0
INDE	5	57	8	FOBS=	42.7	SIGMA=	6.9	PHAS=	13.2	FOM=	0.71	TEST=	0
INDE	5	57	10	FOBS=	125.8	SIGMA=	2.5	PHAS=	-94.9	FOM=	0.58	TEST=	1
INDE	5	57	12	FOBS=	87.3	SIGMA=	3.5	PHAS=	-141.0	FOM=	0.68	TEST=	0
INDE	5	57	14	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	57	16	FOBS=	53.0	SIGMA=	3.4	PHAS=	143.7	FOM=	0.70	TEST=	1
INDE	5	57	18	FOBS=	151.6	SIGMA=	1.1	PHAS=	-133.6	FOM=	0.95	TEST=	1
INDE	5	57	20	FOBS=	4.5	SIGMA=	34.5	PHAS=	-168.2	FOM=	0.03	TEST=	0
INDE	5	57	22	FOBS=	84.6	SIGMA=	1.9	PHAS=	94.4	FOM=	0.72	TEST=	1
INDE	5	57	24	FOBS=	35.1	SIGMA=	5.4	PHAS=	134.4	FOM=	0.68	TEST=	1

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FIG. 12A - 156

INDE	5	57	26	FOBS=	66.0	SIGMA=	2.9	PHAS=	44.0	FOM=	0.82	TEST=	0
INDE	5	57	28	FOBS=	82.3	SIGMA=	2.4	PHAS=	-54.0	FOM=	0.79	TEST=	0
INDE	5	57	30	FOBS=	73.3	SIGMA=	2.7	PHAS=	95.4	FOM=	0.72	TEST=	0
INDE	5	57	32	FOBS=	46.9	SIGMA=	4.6	PHAS=	-94.2	FOM=	0.34	TEST=	0
INDE	5	57	34	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	57	36	FOBS=	48.9	SIGMA=	4.9	PHAS=	-175.8	FOM=	0.62	TEST=	0
INDE	5	57	38	FOBS=	32.6	SIGMA=	8.5	PHAS=	9.2	FOM=	0.35	TEST=	0
INDE	5	57	40	FOBS=	71.1	SIGMA=	3.2	PHAS=	180.0	FOM=	0.89	TEST=	0
INDE	5	57	42	FOBS=	61.1	SIGMA=	3.5	PHAS=	-45.4	FOM=	0.59	TEST=	0
INDE	5	57	44	FOBS=	14.3	SIGMA=	17.2	PHAS=	-34.0	FOM=	0.11	TEST=	0
INDE	5	57	46	FOBS=	84.3	SIGMA=	2.7	PHAS=	-93.8	FOM=	0.84	TEST=	0
INDE	5	57	48	FOBS=	13.8	SIGMA=	16.2	PHAS=	26.1	FOM=	0.26	TEST=	0
INDE	5	57	50	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	5	57	52	FOBS=	65.3	SIGMA=	5.2	PHAS=	-152.0	FOM=	0.62	TEST=	0
INDE	5	58	5	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	58	7	FOBS=	72.7	SIGMA=	3.6	PHAS=	-0.2	FOM=	0.69	TEST=	0
INDE	5	58	9	FOBS=	76.1	SIGMA=	3.5	PHAS=	-91.2	FOM=	0.69	TEST=	0
INDE	5	58	11	FOBS=	101.5	SIGMA=	3.0	PHAS=	-90.9	FOM=	0.89	TEST=	0
INDE	5	58	13	FOBS=	3.3	SIGMA=	89.2	PHAS=	106.6	FOM=	0.04	TEST=	0
INDE	5	58	15	FOBS=	41.4	SIGMA=	4.0	PHAS=	61.7	FOM=	0.87	TEST=	0
INDE	5	58	17	FOBS=	87.6	SIGMA=	2.1	PHAS=	169.9	FOM=	0.89	TEST=	0
INDE	5	58	19	FOBS=	0.0	SIGMA=	17.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	58	21	FOBS=	112.4	SIGMA=	1.4	PHAS=	109.1	FOM=	0.80	TEST=	0
INDE	5	58	23	FOBS=	64.2	SIGMA=	2.5	PHAS=	86.3	FOM=	0.88	TEST=	0
INDE	5	58	25	FOBS=	102.8	SIGMA=	1.9	PHAS=	-26.9	FOM=	0.95	TEST=	0
INDE	5	58	27	FOBS=	92.7	SIGMA=	2.1	PHAS=	164.9	FOM=	0.88	TEST=	0
INDE	5	58	29	FOBS=	35.3	SIGMA=	5.6	PHAS=	45.4	FOM=	0.13	TEST=	0
INDE	5	58	31	FOBS=	32.9	SIGMA=	5.9	PHAS=	-47.1	FOM=	0.45	TEST=	0
INDE	5	58	33	FOBS=	10.9	SIGMA=	24.3	PHAS=	-100.7	FOM=	0.17	TEST=	0
INDE	5	58	35	FOBS=	2.7	SIGMA=	78.7	PHAS=	-0.1	FOM=	0.04	TEST=	0
INDE	5	58	37	FOBS=	60.5	SIGMA=	5.4	PHAS=	20.2	FOM=	0.21	TEST=	0
INDE	5	58	39	FOBS=	47.7	SIGMA=	6.8	PHAS=	122.6	FOM=	0.64	TEST=	1
INDE	5	58	41	FOBS=	36.7	SIGMA=	6.7	PHAS=	-86.9	FOM=	0.61	TEST=	0
INDE	5	58	43	FOBS=	85.7	SIGMA=	2.5	PHAS=	-172.1	FOM=	0.80	TEST=	0
INDE	5	58	45	FOBS=	41.4	SIGMA=	6.1	PHAS=	6.8	FOM=	0.01	TEST=	0
INDE	5	58	47	FOBS=	60.6	SIGMA=	3.7	PHAS=	76.2	FOM=	0.09	TEST=	1
INDE	5	58	49	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	58	51	FOBS=	72.6	SIGMA=	4.8	PHAS=	16.9	FOM=	0.66	TEST=	0
INDE	5	59	6	FOBS=	35.4	SIGMA=	4.0	PHAS=	17.1	FOM=	0.32	TEST=	0
INDE	5	59	8	FOBS=	36.9	SIGMA=	8.0	PHAS=	29.0	FOM=	0.07	TEST=	0
INDE	5	59	10	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	59	12	FOBS=	32.6	SIGMA=	7.9	PHAS=	-159.3	FOM=	0.61	TEST=	1
INDE	5	59	14	FOBS=	21.4	SIGMA=	11.9	PHAS=	33.6	FOM=	0.44	TEST=	0
INDE	5	59	16	FOBS=	107.8	SIGMA=	1.8	PHAS=	48.7	FOM=	0.90	TEST=	0
INDE	5	59	18	FOBS=	0.0	SIGMA=	17.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	59	20	FOBS=	120.5	SIGMA=	1.5	PHAS=	60.5	FOM=	0.93	TEST=	0
INDE	5	59	22	FOBS=	80.0	SIGMA=	2.2	PHAS=	-29.0	FOM=	0.84	TEST=	0
INDE	5	59	24	FOBS=	22.1	SIGMA=	9.2	PHAS=	-8.5	FOM=	0.03	TEST=	1
INDE	5	59	26	FOBS=	41.6	SIGMA=	4.6	PHAS=	-93.2	FOM=	0.53	TEST=	0
INDE	5	59	28	FOBS=	117.5	SIGMA=	1.7	PHAS=	6.6	FOM=	0.82	TEST=	0
INDE	5	59	30	FOBS=	46.8	SIGMA=	4.6	PHAS=	111.5	FOM=	0.69	TEST=	0
INDE	5	59	32	FOBS=	54.8	SIGMA=	4.3	PHAS=	179.0	FOM=	0.78	TEST=	0
INDE	5	59	34	FOBS=	77.6	SIGMA=	3.1	PHAS=	-114.7	FOM=	0.91	TEST=	0
INDE	5	59	36	FOBS=	89.7	SIGMA=	2.7	PHAS=	-81.5	FOM=	0.89	TEST=	0
INDE	5	59	38	FOBS=	96.2	SIGMA=	3.5	PHAS=	-5.8	FOM=	0.93	TEST=	0
INDE	5	59	40	FOBS=	92.7	SIGMA=	3.5	PHAS=	176.0	FOM=	0.94	TEST=	0
INDE	5	59	42	FOBS=	35.8	SIGMA=	6.9	PHAS=	-118.4	FOM=	0.22	TEST=	0
INDE	5	59	44	FOBS=	39.6	SIGMA=	5.4	PHAS=	-147.6	FOM=	0.29	TEST=	1
INDE	5	59	46	FOBS=	40.3	SIGMA=	6.3	PHAS=	-102.7	FOM=	0.81	TEST=	0
INDE	5	59	48	FOBS=	29.0	SIGMA=	9.4	PHAS=	-2.6	FOM=	0.75	TEST=	0
INDE	5	59	50	FOBS=	37.4	SIGMA=	9.2	PHAS=	2.2	FOM=	0.61	TEST=	0
INDE	5	60	5	FOBS=	94.6	SIGMA=	2.8	PHAS=	161.6	FOM=	0.52	TEST=	0
INDE	5	60	7	FOBS=	50.9	SIGMA=	5.0	PHAS=	-16.9	FOM=	0.55	TEST=	0
INDE	5	60	9	FOBS=	118.6	SIGMA=	2.2	PHAS=	15.3	FOM=	0.88	TEST=	0
INDE	5	60	11	FOBS=	128.6	SIGMA=	2.1	PHAS=	-19.3	FOM=	0.96	TEST=	0
INDE	5	60	13	FOBS=	105.6	SIGMA=	2.5	PHAS=	36.1	FOM=	0.87	TEST=	0
INDE	5	60	15	FOBS=	76.7	SIGMA=	3.3	PHAS=	-52.3	FOM=	0.53	TEST=	0
INDE	5	60	17	FOBS=	71.9	SIGMA=	2.7	PHAS=	-69.6	FOM=	0.35	TEST=	0
INDE	5	60	19	FOBS=	44.1	SIGMA=	4.1	PHAS=	20.6	FOM=	0.82	TEST=	0
INDE	5	60	21	FOBS=	102.0	SIGMA=	1.7	PHAS=	-124.9	FOM=	0.92	TEST=	0

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FIG. 12A - 157

INDE	5	60	23	FOBS=	92.3	SIGMA=	2.0	PHAS=	93.6	FOM=	0.57	TEST=	0
INDE	5	60	25	FOBS=	56.7	SIGMA=	3.3	PHAS=	-29.4	FOM=	0.35	TEST=	1
INDE	5	60	27	FOBS=	92.0	SIGMA=	2.5	PHAS=	168.9	FOM=	0.89	TEST=	0
INDE	5	60	29	FOBS=	36.0	SIGMA=	6.4	PHAS=	0.2	FOM=	0.32	TEST=	0
INDE	5	60	31	FOBS=	57.7	SIGMA=	4.1	PHAS=	76.1	FOM=	0.84	TEST=	0
INDE	5	60	33	FOBS=	32.7	SIGMA=	8.5	PHAS=	-101.5	FOM=	0.14	TEST=	1
INDE	5	60	35	FOBS=	125.2	SIGMA=	2.4	PHAS=	-173.5	FOM=	0.94	TEST=	0
INDE	5	60	37	FOBS=	132.7	SIGMA=	2.2	PHAS=	-91.3	FOM=	0.96	TEST=	0
INDE	5	60	39	FOBS=	108.0	SIGMA=	3.1	PHAS=	83.7	FOM=	0.96	TEST=	0
INDE	5	60	41	FOBS=	52.5	SIGMA=	5.3	PHAS=	131.4	FOM=	0.57	TEST=	0
INDE	5	60	43	FOBS=	44.2	SIGMA=	4.9	PHAS=	0.8	FOM=	0.49	TEST=	0
INDE	5	60	45	FOBS=	55.9	SIGMA=	4.1	PHAS=	149.9	FOM=	0.87	TEST=	0
INDE	5	60	47	FOBS=	27.4	SIGMA=	12.5	PHAS=	-169.5	FOM=	0.37	TEST=	0
INDE	5	60	49	FOBS=	41.0	SIGMA=	8.6	PHAS=	-76.9	FOM=	0.72	TEST=	0
INDE	5	61	6	FOBS=	155.1	SIGMA=	1.8	PHAS=	-111.0	FOM=	0.96	TEST=	0
INDE	5	61	8	FOBS=	114.3	SIGMA=	2.4	PHAS=	158.0	FOM=	0.90	TEST=	0
INDE	5	61	10	FOBS=	90.8	SIGMA=	2.9	PHAS=	-86.2	FOM=	0.91	TEST=	0
INDE	5	61	12	FOBS=	70.8	SIGMA=	3.6	PHAS=	-54.3	FOM=	0.91	TEST=	0
INDE	5	61	14	FOBS=	79.8	SIGMA=	3.2	PHAS=	-53.0	FOM=	0.87	TEST=	0
INDE	5	61	16	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	5	61	18	FOBS=	153.9	SIGMA=	1.4	PHAS=	-28.8	FOM=	0.93	TEST=	0
INDE	5	61	20	FOBS=	146.9	SIGMA=	1.4	PHAS=	126.1	FOM=	0.93	TEST=	0
INDE	5	61	22	FOBS=	116.1	SIGMA=	1.9	PHAS=	-128.2	FOM=	0.88	TEST=	0
INDE	5	61	24	FOBS=	48.6	SIGMA=	4.7	PHAS=	-142.1	FOM=	0.38	TEST=	0
INDE	5	61	26	FOBS=	0.0	SIGMA=	24.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	61	28	FOBS=	71.3	SIGMA=	3.9	PHAS=	71.3	FOM=	0.85	TEST=	0
INDE	5	61	30	FOBS=	48.0	SIGMA=	5.8	PHAS=	22.3	FOM=	0.77	TEST=	0
INDE	5	61	32	FOBS=	73.5	SIGMA=	3.8	PHAS=	73.5	FOM=	0.81	TEST=	0
INDE	5	61	34	FOBS=	46.9	SIGMA=	6.0	PHAS=	-129.0	FOM=	0.83	TEST=	0
INDE	5	61	36	FOBS=	119.0	SIGMA=	2.5	PHAS=	178.3	FOM=	0.94	TEST=	0
INDE	5	61	38	FOBS=	67.2	SIGMA=	4.2	PHAS=	-103.8	FOM=	0.90	TEST=	0
INDE	5	61	40	FOBS=	77.7	SIGMA=	4.3	PHAS=	-68.0	FOM=	0.87	TEST=	0
INDE	5	61	42	FOBS=	42.1	SIGMA=	6.0	PHAS=	157.4	FOM=	0.60	TEST=	0
INDE	5	61	44	FOBS=	62.9	SIGMA=	3.8	PHAS=	-94.1	FOM=	0.89	TEST=	0
INDE	5	61	46	FOBS=	18.9	SIGMA=	19.4	PHAS=	-7.4	FOM=	0.28	TEST=	0
INDE	5	62	5	FOBS=	88.2	SIGMA=	2.0	PHAS=	-158.7	FOM=	0.91	TEST=	0
INDE	5	62	7	FOBS=	152.3	SIGMA=	1.1	PHAS=	77.5	FOM=	0.96	TEST=	0
INDE	5	62	9	FOBS=	212.7	SIGMA=	1.4	PHAS=	79.6	FOM=	0.98	TEST=	0
INDE	5	62	11	FOBS=	45.3	SIGMA=	5.7	PHAS=	-85.1	FOM=	0.06	TEST=	1
INDE	5	62	13	FOBS=	125.0	SIGMA=	2.1	PHAS=	-132.5	FOM=	0.93	TEST=	0
INDE	5	62	15	FOBS=	30.5	SIGMA=	8.0	PHAS=	-109.5	FOM=	0.18	TEST=	0
INDE	5	62	17	FOBS=	22.1	SIGMA=	9.1	PHAS=	-154.9	FOM=	0.39	TEST=	0
INDE	5	62	19	FOBS=	73.5	SIGMA=	3.4	PHAS=	-56.8	FOM=	0.79	TEST=	0
INDE	5	62	21	FOBS=	42.2	SIGMA=	4.9	PHAS=	145.6	FOM=	0.65	TEST=	0
INDE	5	62	23	FOBS=	41.4	SIGMA=	5.2	PHAS=	132.4	FOM=	0.71	TEST=	0
INDE	5	62	25	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	5	62	27	FOBS=	128.1	SIGMA=	1.9	PHAS=	37.5	FOM=	0.95	TEST=	0
INDE	5	62	29	FOBS=	33.7	SIGMA=	8.1	PHAS=	-79.0	FOM=	0.40	TEST=	0
INDE	5	62	31	FOBS=	74.0	SIGMA=	3.9	PHAS=	16.6	FOM=	0.67	TEST=	0
INDE	5	62	33	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	62	35	FOBS=	73.3	SIGMA=	3.9	PHAS=	118.7	FOM=	0.36	TEST=	1
INDE	5	62	37	FOBS=	106.6	SIGMA=	2.7	PHAS=	98.2	FOM=	0.96	TEST=	0
INDE	5	62	39	FOBS=	62.8	SIGMA=	4.5	PHAS=	98.6	FOM=	0.90	TEST=	0
INDE	5	62	41	FOBS=	42.8	SIGMA=	7.6	PHAS=	115.4	FOM=	0.85	TEST=	0
INDE	5	62	43	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	62	45	FOBS=	83.0	SIGMA=	4.4	PHAS=	-172.7	FOM=	0.96	TEST=	0
INDE	5	63	6	FOBS=	44.3	SIGMA=	5.7	PHAS=	145.7	FOM=	0.25	TEST=	1
INDE	5	63	8	FOBS=	157.8	SIGMA=	1.7	PHAS=	-48.9	FOM=	0.96	TEST=	0
INDE	5	63	10	FOBS=	109.7	SIGMA=	3.4	PHAS=	20.7	FOM=	0.94	TEST=	0
INDE	5	63	12	FOBS=	133.0	SIGMA=	2.9	PHAS=	138.1	FOM=	0.95	TEST=	0
INDE	5	63	14	FOBS=	36.3	SIGMA=	9.7	PHAS=	154.8	FOM=	0.32	TEST=	0
INDE	5	63	16	FOBS=	11.7	SIGMA=	29.9	PHAS=	176.3	FOM=	0.29	TEST=	0
INDE	5	63	18	FOBS=	63.5	SIGMA=	3.6	PHAS=	117.6	FOM=	0.66	TEST=	0
INDE	5	63	20	FOBS=	32.5	SIGMA=	6.1	PHAS=	172.1	FOM=	0.39	TEST=	0
INDE	5	63	22	FOBS=	67.1	SIGMA=	3.1	PHAS=	-176.3	FOM=	0.41	TEST=	0
INDE	5	63	24	FOBS=	97.7	SIGMA=	2.3	PHAS=	97.9	FOM=	0.90	TEST=	0
INDE	5	63	26	FOBS=	92.2	SIGMA=	2.6	PHAS=	-61.1	FOM=	0.94	TEST=	0
INDE	5	63	28	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	63	30	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	63	32	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	5	63	34	FOBS=	48.7	SIGMA=	5.8	PHAS=	-29.1	FOM=	0.46	TEST=	0
INDE	5	63	36	FOBS=	80.2	SIGMA=	3.6	PHAS=	5.0	FOM=	0.94	TEST=	0
INDE	5	63	38	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	63	40	FOBS=	49.9	SIGMA=	5.7	PHAS=	-25.5	FOM=	0.85	TEST=	0
INDE	5	63	42	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	63	44	FOBS=	91.3	SIGMA=	4.0	PHAS=	96.7	FOM=	0.87	TEST=	0
INDE	5	64	5	FOBS=	102.0	SIGMA=	2.2	PHAS=	168.1	FOM=	0.68	TEST=	0
INDE	5	64	7	FOBS=	47.9	SIGMA=	5.9	PHAS=	-145.8	FOM=	0.75	TEST=	0
INDE	5	64	9	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	64	11	FOBS=	72.8	SIGMA=	4.9	PHAS=	25.9	FOM=	0.89	TEST=	0
INDE	5	64	13	FOBS=	64.0	SIGMA=	5.6	PHAS=	-75.5	FOM=	0.74	TEST=	0
INDE	5	64	15	FOBS=	51.2	SIGMA=	6.9	PHAS=	175.3	FOM=	0.25	TEST=	0
INDE	5	64	17	FOBS=	62.2	SIGMA=	5.7	PHAS=	141.8	FOM=	0.74	TEST=	0
INDE	5	64	19	FOBS=	34.4	SIGMA=	6.7	PHAS=	126.1	FOM=	0.27	TEST=	0
INDE	5	64	21	FOBS=	48.9	SIGMA=	4.1	PHAS=	2.5	FOM=	0.66	TEST=	0
INDE	5	64	23	FOBS=	45.3	SIGMA=	4.7	PHAS=	-87.7	FOM=	0.57	TEST=	0
INDE	5	64	25	FOBS=	78.0	SIGMA=	2.9	PHAS=	124.9	FOM=	0.67	TEST=	0
INDE	5	64	27	FOBS=	86.6	SIGMA=	2.7	PHAS=	167.8	FOM=	0.85	TEST=	0
INDE	5	64	29	FOBS=	88.8	SIGMA=	2.6	PHAS=	173.9	FOM=	0.86	TEST=	0
INDE	5	64	31	FOBS=	81.8	SIGMA=	3.5	PHAS=	111.2	FOM=	0.87	TEST=	0
INDE	5	64	33	FOBS=	90.0	SIGMA=	3.3	PHAS=	-16.7	FOM=	0.88	TEST=	0
INDE	5	64	35	FOBS=	62.5	SIGMA=	4.6	PHAS=	-99.6	FOM=	0.72	TEST=	0
INDE	5	64	37	FOBS=	13.4	SIGMA=	21.3	PHAS=	14.9	FOM=	0.09	TEST=	0
INDE	5	64	39	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	64	41	FOBS=	58.7	SIGMA=	5.0	PHAS=	105.4	FOM=	0.87	TEST=	0
INDE	5	64	43	FOBS=	55.7	SIGMA=	6.2	PHAS=	62.7	FOM=	0.88	TEST=	0
INDE	5	65	6	FOBS=	82.8	SIGMA=	3.5	PHAS=	76.9	FOM=	0.93	TEST=	0
INDE	5	65	8	FOBS=	85.0	SIGMA=	1.9	PHAS=	-158.8	FOM=	0.72	TEST=	0
INDE	5	65	10	FOBS=	83.0	SIGMA=	4.3	PHAS=	7.3	FOM=	0.86	TEST=	0
INDE	5	65	12	FOBS=	64.8	SIGMA=	5.5	PHAS=	-160.7	FOM=	0.74	TEST=	0
INDE	5	65	14	FOBS=	52.8	SIGMA=	6.7	PHAS=	136.2	FOM=	0.51	TEST=	0
INDE	5	65	16	FOBS=	49.4	SIGMA=	7.1	PHAS=	1.2	FOM=	0.26	TEST=	0
INDE	5	65	18	FOBS=	32.2	SIGMA=	6.7	PHAS=	-17.4	FOM=	0.72	TEST=	0
INDE	5	65	20	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	65	22	FOBS=	55.2	SIGMA=	3.7	PHAS=	172.9	FOM=	0.63	TEST=	0
INDE	5	65	24	FOBS=	26.3	SIGMA=	11.7	PHAS=	36.2	FOM=	0.41	TEST=	0
INDE	5	65	26	FOBS=	48.8	SIGMA=	5.6	PHAS=	-127.6	FOM=	0.23	TEST=	1
INDE	5	65	28	FOBS=	99.8	SIGMA=	2.4	PHAS=	98.4	FOM=	0.92	TEST=	0
INDE	5	65	30	FOBS=	104.7	SIGMA=	2.3	PHAS=	44.0	FOM=	0.94	TEST=	0
INDE	5	65	32	FOBS=	112.8	SIGMA=	2.6	PHAS=	-13.0	FOM=	0.92	TEST=	0
INDE	5	65	34	FOBS=	14.9	SIGMA=	19.4	PHAS=	-143.1	FOM=	0.18	TEST=	0
INDE	5	65	36	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	65	38	FOBS=	34.0	SIGMA=	8.5	PHAS=	-163.8	FOM=	0.63	TEST=	0
INDE	5	65	40	FOBS=	84.9	SIGMA=	3.5	PHAS=	33.2	FOM=	0.79	TEST=	0
INDE	5	65	42	FOBS=	100.2	SIGMA=	2.7	PHAS=	3.2	FOM=	0.93	TEST=	0
INDE	5	66	5	FOBS=	91.0	SIGMA=	2.7	PHAS=	-143.7	FOM=	0.88	TEST=	0
INDE	5	66	7	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	66	9	FOBS=	97.1	SIGMA=	3.7	PHAS=	75.4	FOM=	0.86	TEST=	0
INDE	5	66	11	FOBS=	9.5	SIGMA=	36.4	PHAS=	-157.2	FOM=	0.15	TEST=	0
INDE	5	66	13	FOBS=	75.9	SIGMA=	4.7	PHAS=	164.6	FOM=	0.81	TEST=	0
INDE	5	66	15	FOBS=	134.3	SIGMA=	2.8	PHAS=	-119.6	FOM=	0.91	TEST=	0
INDE	5	66	17	FOBS=	53.3	SIGMA=	6.6	PHAS=	-108.8	FOM=	0.82	TEST=	0
INDE	5	66	19	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	66	21	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	66	23	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	5	66	25	FOBS=	36.7	SIGMA=	7.2	PHAS=	-97.3	FOM=	0.11	TEST=	0
INDE	5	66	27	FOBS=	52.3	SIGMA=	5.3	PHAS=	-20.7	FOM=	0.29	TEST=	0
INDE	5	66	29	FOBS=	54.7	SIGMA=	4.3	PHAS=	-109.4	FOM=	0.78	TEST=	0
INDE	5	66	31	FOBS=	90.9	SIGMA=	2.7	PHAS=	-84.4	FOM=	0.95	TEST=	0
INDE	5	66	33	FOBS=	0.0	SIGMA=	26.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	66	35	FOBS=	29.4	SIGMA=	12.3	PHAS=	155.6	FOM=	0.34	TEST=	0
INDE	5	66	37	FOBS=	63.2	SIGMA=	4.7	PHAS=	100.4	FOM=	0.52	TEST=	0
INDE	5	66	39	FOBS=	71.9	SIGMA=	4.2	PHAS=	81.1	FOM=	0.80	TEST=	0
INDE	5	67	6	FOBS=	26.7	SIGMA=	13.1	PHAS=	56.7	FOM=	0.65	TEST=	0
INDE	5	67	8	FOBS=	109.9	SIGMA=	4.9	PHAS=	140.7	FOM=	0.93	TEST=	0
INDE	5	67	10	FOBS=	40.9	SIGMA=	8.4	PHAS=	-150.4	FOM=	0.50	TEST=	0
INDE	5	67	12	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	67	14	FOBS=	135.5	SIGMA=	2.8	PHAS=	121.4	FOM=	0.94	TEST=	0
INDE	5	67	16	FOBS=	92.4	SIGMA=	3.9	PHAS=	-178.4	FOM=	0.93	TEST=	0
INDE	5	67	18	FOBS=	82.2	SIGMA=	4.4	PHAS=	-158.6	FOM=	0.90	TEST=	0

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INDE	5	67	20	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	67	22	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	67	24	FOBS=	99.3	SIGMA=	2.2	PHAS=	-28.4	FOM=	0.92	TEST=	0
INDE	5	67	26	FOBS=	83.5	SIGMA=	2.8	PHAS=	135.2	FOM=	0.93	TEST=	0
INDE	5	67	28	FOBS=	54.4	SIGMA=	5.2	PHAS=	177.8	FOM=	0.85	TEST=	0
INDE	5	67	30	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	67	32	FOBS=	33.9	SIGMA=	7.1	PHAS=	106.0	FOM=	0.74	TEST=	0
INDE	5	67	34	FOBS=	21.2	SIGMA=	13.6	PHAS=	-51.5	FOM=	0.09	TEST=	0
INDE	5	67	36	FOBS=	23.2	SIGMA=	12.8	PHAS=	50.5	FOM=	0.25	TEST=	0
INDE	5	67	38	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	68	5	FOBS=	59.6	SIGMA=	6.2	PHAS=	-114.8	FOM=	0.73	TEST=	0
INDE	5	68	9	FOBS=	93.8	SIGMA=	2.0	PHAS=	61.6	FOM=	0.91	TEST=	0
INDE	5	68	11	FOBS=	0.0	SIGMA=	31.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	68	13	FOBS=	0.0	SIGMA=	31.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	68	15	FOBS=	44.2	SIGMA=	7.9	PHAS=	-138.6	FOM=	0.42	TEST=	0
INDE	5	68	17	FOBS=	79.2	SIGMA=	4.6	PHAS=	71.6	FOM=	0.86	TEST=	0
INDE	5	68	19	FOBS=	55.9	SIGMA=	6.3	PHAS=	85.4	FOM=	0.72	TEST=	0
INDE	5	68	21	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	68	23	FOBS=	55.2	SIGMA=	3.9	PHAS=	-59.3	FOM=	0.84	TEST=	0
INDE	5	68	25	FOBS=	65.1	SIGMA=	3.4	PHAS=	48.6	FOM=	0.84	TEST=	0
INDE	5	68	27	FOBS=	54.6	SIGMA=	4.3	PHAS=	92.9	FOM=	0.81	TEST=	0
INDE	5	68	29	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	68	31	FOBS=	69.5	SIGMA=	3.6	PHAS=	-141.5	FOM=	0.08	TEST=	1
INDE	5	68	33	FOBS=	41.7	SIGMA=	5.9	PHAS=	56.9	FOM=	0.50	TEST=	0
INDE	5	68	35	FOBS=	0.0	SIGMA=	24.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	68	37	FOBS=	21.7	SIGMA=	17.3	PHAS=	-174.7	FOM=	0.00	TEST=	1
INDE	5	69	6	FOBS=	50.2	SIGMA=	6.8	PHAS=	-54.8	FOM=	0.69	TEST=	0
INDE	5	69	16	FOBS=	45.6	SIGMA=	10.8	PHAS=	167.5	FOM=	0.72	TEST=	0
INDE	5	69	18	FOBS=	23.4	SIGMA=	21.0	PHAS=	-106.7	FOM=	0.06	TEST=	0
INDE	5	69	20	FOBS=	67.9	SIGMA=	5.2	PHAS=	-20.4	FOM=	0.13	TEST=	1
INDE	5	69	22	FOBS=	65.6	SIGMA=	3.7	PHAS=	-157.4	FOM=	0.69	TEST=	0
INDE	5	69	24	FOBS=	50.3	SIGMA=	4.3	PHAS=	-28.2	FOM=	0.78	TEST=	0
INDE	5	69	26	FOBS=	75.8	SIGMA=	3.0	PHAS=	-139.8	FOM=	0.86	TEST=	0
INDE	5	69	28	FOBS=	43.9	SIGMA=	5.4	PHAS=	-156.2	FOM=	0.67	TEST=	0
INDE	5	69	30	FOBS=	0.0	SIGMA=	24.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	69	32	FOBS=	70.8	SIGMA=	3.5	PHAS=	53.3	FOM=	0.85	TEST=	0
INDE	5	69	34	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	5	70	5	FOBS=	61.4	SIGMA=	5.7	PHAS=	152.1	FOM=	0.87	TEST=	0
INDE	5	70	7	FOBS=	54.6	SIGMA=	6.5	PHAS=	-160.7	FOM=	0.25	TEST=	0
INDE	5	70	21	FOBS=	45.4	SIGMA=	5.8	PHAS=	-142.5	FOM=	0.34	TEST=	0
INDE	5	70	23	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	5	70	25	FOBS=	54.2	SIGMA=	4.0	PHAS=	88.9	FOM=	0.59	TEST=	0
INDE	5	70	27	FOBS=	76.1	SIGMA=	3.0	PHAS=	125.7	FOM=	0.91	TEST=	0
INDE	5	70	29	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	70	31	FOBS=	40.9	SIGMA=	7.2	PHAS=	-29.5	FOM=	0.83	TEST=	0
INDE	5	70	33	FOBS=	25.6	SIGMA=	10.0	PHAS=	29.9	FOM=	0.18	TEST=	0
INDE	5	71	6	FOBS=	34.3	SIGMA=	10.8	PHAS=	59.5	FOM=	0.52	TEST=	0
INDE	5	71	10	FOBS=	36.6	SIGMA=	5.0	PHAS=	125.2	FOM=	0.25	TEST=	0
INDE	5	71	22	FOBS=	47.0	SIGMA=	6.7	PHAS=	-80.8	FOM=	0.41	TEST=	0
INDE	5	71	24	FOBS=	23.5	SIGMA=	15.3	PHAS=	-103.3	FOM=	0.39	TEST=	0
INDE	5	71	26	FOBS=	26.6	SIGMA=	12.1	PHAS=	146.8	FOM=	0.09	TEST=	1
INDE	5	71	28	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	71	30	FOBS=	26.7	SIGMA=	9.4	PHAS=	-93.4	FOM=	0.54	TEST=	0
INDE	5	72	5	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	72	7	FOBS=	85.8	SIGMA=	4.1	PHAS=	-52.5	FOM=	0.94	TEST=	0
INDE	5	72	23	FOBS=	15.8	SIGMA=	20.8	PHAS=	146.9	FOM=	0.15	TEST=	0
INDE	5	72	25	FOBS=	48.4	SIGMA=	5.8	PHAS=	161.1	FOM=	0.22	TEST=	1
INDE	5	72	27	FOBS=	0.0	SIGMA=	24.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	73	6	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	73	8	FOBS=	52.0	SIGMA=	6.9	PHAS=	-137.4	FOM=	0.70	TEST=	0
INDE	5	73	24	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	73	26	FOBS=	36.6	SIGMA=	7.9	PHAS=	-38.1	FOM=	0.25	TEST=	0
INDE	5	74	5	FOBS=	54.6	SIGMA=	6.1	PHAS=	7.0	FOM=	0.78	TEST=	0
INDE	5	74	7	FOBS=	29.4	SIGMA=	12.7	PHAS=	-105.9	FOM=	0.39	TEST=	0
INDE	5	74	11	FOBS=	0.0	SIGMA=	18.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	75	6	FOBS=	79.4	SIGMA=	4.5	PHAS=	122.3	FOM=	0.80	TEST=	0
INDE	5	75	8	FOBS=	0.0	SIGMA=	27.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	76	5	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	5	76	7	FOBS=	0.0	SIGMA=	26.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	5	76	9	FOBS=	102.8	SIGMA=	3.8	PHAS=	124.4	FOM=	0.91	TEST=	0

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INDE 5 77 6 FOBS= 54.0 SIGMA= 6.5 PHAS= 108.7 FOM= 0.38 TEST= 0
INDE 5 77 8 FOBS= 73.6 SIGMA= 5.4 PHAS= -105.0 FOM= 0.02 TEST= 1
INDE 6 7 17 FOBS= 143.5 SIGMA= 0.5 PHAS= 149.0 FOM= 0.91 TEST= 0
INDE 6 7 19 FOBS= 125.9 SIGMA= 0.5 PHAS= 16.6 FOM= 0.92 TEST= 0
INDE 6 7 21 FOBS= 183.9 SIGMA= 0.5 PHAS= 119.0 FOM= 0.73 TEST= 1
INDE 6 7 23 FOBS= 194.3 SIGMA= 0.5 PHAS= -31.3 FOM= 0.97 TEST= 0
INDE 6 7 25 FOBS= 100.5 SIGMA= 0.8 PHAS= 72.6 FOM= 0.94 TEST= 0
INDE 6 7 27 FOBS= 93.8 SIGMA= 1.1 PHAS= 97.0 FOM= 0.99 TEST= 0
INDE 6 7 29 FOBS= 74.9 SIGMA= 1.4 PHAS= -151.8 FOM= 0.99 TEST= 0
INDE 6 7 31 FOBS= 168.6 SIGMA= 0.8 PHAS= 108.8 FOM= 0.95 TEST= 1
INDE 6 7 33 FOBS= 304.7 SIGMA= 0.9 PHAS= 31.9 FOM= 0.97 TEST= 0
INDE 6 7 35 FOBS= 103.7 SIGMA= 1.2 PHAS= -58.9 FOM= 0.92 TEST= 0
INDE 6 7 37 FOBS= 281.7 SIGMA= 0.7 PHAS= -113.7 FOM= 0.94 TEST= 0
INDE 6 7 39 FOBS= 124.5 SIGMA= 1.2 PHAS= 103.9 FOM= 0.76 TEST= 0
INDE 6 7 41 FOBS= 261.2 SIGMA= 0.8 PHAS= -153.5 FOM= 0.96 TEST= 0
INDE 6 7 43 FOBS= 249.5 SIGMA= 0.9 PHAS= 38.5 FOM= 0.94 TEST= 0
INDE 6 7 45 FOBS= 86.3 SIGMA= 2.5 PHAS= -87.8 FOM= 0.88 TEST= 0
INDE 6 7 47 FOBS= 57.7 SIGMA= 4.0 PHAS= -157.3 FOM= 0.77 TEST= 0
INDE 6 7 49 FOBS= 269.0 SIGMA= 0.9 PHAS= 97.1 FOM= 0.95 TEST= 0
INDE 6 7 51 FOBS= 167.9 SIGMA= 1.5 PHAS= 95.8 FOM= 0.82 TEST= 0
INDE 6 7 53 FOBS= 130.9 SIGMA= 1.5 PHAS= -150.2 FOM= 0.40 TEST= 1
INDE 6 7 55 FOBS= 149.0 SIGMA= 1.4 PHAS= 142.5 FOM= 0.91 TEST= 0
INDE 6 7 57 FOBS= 107.4 SIGMA= 2.5 PHAS= 36.1 FOM= 0.85 TEST= 0
INDE 6 7 59 FOBS= 53.3 SIGMA= 4.8 PHAS= -129.4 FOM= 0.33 TEST= 0
INDE 6 7 61 FOBS= 61.3 SIGMA= 4.3 PHAS= 151.8 FOM= 0.83 TEST= 0
INDE 6 7 63 FOBS= 37.3 SIGMA= 6.6 PHAS= 84.4 FOM= 0.46 TEST= 0
INDE 6 7 65 FOBS= 46.2 SIGMA= 7.7 PHAS= 13.4 FOM= 0.03 TEST= 1
INDE 6 7 67 FOBS= 88.7 SIGMA= 4.3 PHAS= 30.0 FOM= 0.83 TEST= 0
INDE 6 7 69 FOBS= 84.2 SIGMA= 4.5 PHAS= 150.0 FOM= 0.63 TEST= 0
INDE 6 7 71 FOBS= 41.9 SIGMA= 8.7 PHAS= -38.2 FOM= 0.58 TEST= 0
INDE 6 7 73 FOBS= 97.3 SIGMA= 4.1 PHAS= 32.6 FOM= 0.86 TEST= 0
INDE 6 7 75 FOBS= 27.7 SIGMA= 13.8 PHAS= -164.6 FOM= 0.26 TEST= 0
INDE 6 7 77 FOBS= 0.0 SIGMA= 27.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 6 8 16 FOBS= 90.0 SIGMA= 0.5 PHAS= -177.3 FOM= 0.68 TEST= 0
INDE 6 8 18 FOBS= 167.9 SIGMA= 0.4 PHAS= -0.4 FOM= 0.84 TEST= 0
INDE 6 8 20 FOBS= 49.5 SIGMA= 1.0 PHAS= 2.0 FOM= 0.95 TEST= 0
INDE 6 8 22 FOBS= 106.2 SIGMA= 0.6 PHAS= -76.0 FOM= 0.88 TEST= 0
INDE 6 8 24 FOBS= 145.8 SIGMA= 0.6 PHAS= 32.2 FOM= 0.97 TEST= 0
INDE 6 8 26 FOBS= 92.3 SIGMA= 1.1 PHAS= -54.9 FOM= 0.94 TEST= 0
INDE 6 8 28 FOBS= 149.5 SIGMA= 0.8 PHAS= -39.7 FOM= 0.96 TEST= 0
INDE 6 8 30 FOBS= 64.0 SIGMA= 1.5 PHAS= 65.7 FOM= 0.99 TEST= 0
INDE 6 8 32 FOBS= 250.8 SIGMA= 0.6 PHAS= -76.8 FOM= 0.99 TEST= 0
INDE 6 8 34 FOBS= 341.9 SIGMA= 0.8 PHAS= -27.1 FOM= 0.99 TEST= 0
INDE 6 8 36 FOBS= 360.7 SIGMA= 0.6 PHAS= 97.7 FOM= 0.96 TEST= 0
INDE 6 8 38 FOBS= 203.0 SIGMA= 0.8 PHAS= 127.3 FOM= 0.97 TEST= 0
INDE 6 8 40 FOBS= 253.9 SIGMA= 0.8 PHAS= 65.7 FOM= 0.95 TEST= 0
INDE 6 8 42 FOBS= 52.4 SIGMA= 3.1 PHAS= -81.0 FOM= 0.79 TEST= 0
INDE 6 8 44 FOBS= 56.3 SIGMA= 3.1 PHAS= 154.5 FOM= 0.65 TEST= 0
INDE 6 8 46 FOBS= 0.0 SIGMA= 21.3 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 6 8 48 FOBS= 90.5 SIGMA= 2.3 PHAS= 113.0 FOM= 0.95 TEST= 0
INDE 6 8 50 FOBS= 148.7 SIGMA= 1.4 PHAS= 12.8 FOM= 0.60 TEST= 1
INDE 6 8 52 FOBS= 116.5 SIGMA= 1.7 PHAS= -79.8 FOM= 0.79 TEST= 0
INDE 6 8 54 FOBS= 125.2 SIGMA= 1.6 PHAS= 5.7 FOM= 0.80 TEST= 0
INDE 6 8 56 FOBS= 148.6 SIGMA= 1.4 PHAS= -103.5 FOM= 0.93 TEST= 0
INDE 6 8 58 FOBS= 133.9 SIGMA= 1.5 PHAS= 98.0 FOM= 0.96 TEST= 0
INDE 6 8 60 FOBS= 88.8 SIGMA= 2.9 PHAS= 60.1 FOM= 0.93 TEST= 0
INDE 6 8 62 FOBS= 23.2 SIGMA= 12.4 PHAS= 106.1 FOM= 0.34 TEST= 0
INDE 6 8 64 FOBS= 111.7 SIGMA= 3.3 PHAS= 7.1 FOM= 0.87 TEST= 0
INDE 6 8 66 FOBS= 59.0 SIGMA= 8.3 PHAS= 72.8 FOM= 0.54 TEST= 0
INDE 6 8 68 FOBS= 12.4 SIGMA= 31.3 PHAS= -144.3 FOM= 0.04 TEST= 1
INDE 6 8 70 FOBS= 0.0 SIGMA= 27.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 6 8 72 FOBS= 50.3 SIGMA= 7.4 PHAS= -30.0 FOM= 0.83 TEST= 0
INDE 6 8 74 FOBS= 0.0 SIGMA= 28.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 6 8 76 FOBS= 52.7 SIGMA= 7.5 PHAS= -177.3 FOM= 0.88 TEST= 0
INDE 6 9 15 FOBS= 44.6 SIGMA= 0.9 PHAS= -170.8 FOM= 0.83 TEST= 0
INDE 6 9 17 FOBS= 97.2 SIGMA= 0.5 PHAS= -71.1 FOM= 0.68 TEST= 0
INDE 6 9 19 FOBS= 110.8 SIGMA= 0.5 PHAS= -115.4 FOM= 0.76 TEST= 1
INDE 6 9 21 FOBS= 41.5 SIGMA= 1.3 PHAS= -179.4 FOM= 0.92 TEST= 0
INDE 6 9 23 FOBS= 56.5 SIGMA= 1.2 PHAS= -52.4 FOM= 0.96 TEST= 0
INDE 6 9 25 FOBS= 140.1 SIGMA= 0.7 PHAS= -142.8 FOM= 0.96 TEST= 0

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INDE	6	9	27	FOBS=	146.9	SIGMA=	0.7	PHAS=	131.1	FOM=	0.96	TEST=	0
INDE	6	9	29	FOBS=	200.6	SIGMA=	0.7	PHAS=	-168.4	FOM=	0.97	TEST=	0
INDE	6	9	31	FOBS=	132.8	SIGMA=	0.9	PHAS=	113.2	FOM=	0.96	TEST=	0
INDE	6	9	33	FOBS=	216.5	SIGMA=	0.7	PHAS=	-163.5	FOM=	0.98	TEST=	0
INDE	6	9	35	FOBS=	148.7	SIGMA=	1.0	PHAS=	-36.1	FOM=	0.46	TEST=	1
INDE	6	9	37	FOBS=	130.1	SIGMA=	1.1	PHAS=	74.4	FOM=	0.88	TEST=	0
INDE	6	9	39	FOBS=	245.7	SIGMA=	0.7	PHAS=	21.6	FOM=	0.97	TEST=	0
INDE	6	9	41	FOBS=	0.0	SIGMA=	17.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	6	9	43	FOBS=	95.6	SIGMA=	1.8	PHAS=	0.0	FOM=	0.95	TEST=	0
INDE	6	9	45	FOBS=	39.5	SIGMA=	4.8	PHAS=	-44.8	FOM=	0.60	TEST=	0
INDE	6	9	47	FOBS=	100.6	SIGMA=	2.1	PHAS=	98.1	FOM=	0.47	TEST=	0
INDE	6	9	49	FOBS=	60.4	SIGMA=	3.4	PHAS=	52.6	FOM=	0.60	TEST=	0
INDE	6	9	51	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	9	53	FOBS=	187.4	SIGMA=	1.2	PHAS=	-160.9	FOM=	0.96	TEST=	0
INDE	6	9	55	FOBS=	179.4	SIGMA=	1.2	PHAS=	-144.2	FOM=	0.95	TEST=	0
INDE	6	9	57	FOBS=	139.5	SIGMA=	1.7	PHAS=	55.6	FOM=	0.97	TEST=	0
INDE	6	9	59	FOBS=	182.0	SIGMA=	1.2	PHAS=	-89.7	FOM=	0.98	TEST=	0
INDE	6	9	61	FOBS=	55.2	SIGMA=	3.4	PHAS=	-44.4	FOM=	0.83	TEST=	0
INDE	6	9	63	FOBS=	56.5	SIGMA=	4.4	PHAS=	52.1	FOM=	0.55	TEST=	0
INDE	6	9	65	FOBS=	37.2	SIGMA=	9.3	PHAS=	-69.5	FOM=	0.56	TEST=	0
INDE	6	9	69	FOBS=	43.6	SIGMA=	9.0	PHAS=	0.1	FOM=	0.32	TEST=	0
INDE	6	9	71	FOBS=	19.1	SIGMA=	19.9	PHAS=	-87.0	FOM=	0.29	TEST=	0
INDE	6	9	73	FOBS=	81.1	SIGMA=	4.8	PHAS=	-97.8	FOM=	0.88	TEST=	0
INDE	6	9	75	FOBS=	52.2	SIGMA=	8.0	PHAS=	94.4	FOM=	0.78	TEST=	0
INDE	6	9	77	FOBS=	34.0	SIGMA=	12.2	PHAS=	74.1	FOM=	0.16	TEST=	0
INDE	6	10	14	FOBS=	272.8	SIGMA=	0.3	PHAS=	63.6	FOM=	0.87	TEST=	0
INDE	6	10	16	FOBS=	115.4	SIGMA=	0.4	PHAS=	-99.5	FOM=	0.96	TEST=	0
INDE	6	10	18	FOBS=	100.0	SIGMA=	0.5	PHAS=	82.2	FOM=	0.94	TEST=	0
INDE	6	10	20	FOBS=	109.8	SIGMA=	0.5	PHAS=	-74.9	FOM=	0.95	TEST=	0
INDE	6	10	22	FOBS=	154.9	SIGMA=	0.4	PHAS=	-89.3	FOM=	0.79	TEST=	0
INDE	6	10	24	FOBS=	169.9	SIGMA=	0.4	PHAS=	97.9	FOM=	0.99	TEST=	0
INDE	6	10	26	FOBS=	177.9	SIGMA=	0.4	PHAS=	37.0	FOM=	0.97	TEST=	0
INDE	6	10	28	FOBS=	189.5	SIGMA=	0.5	PHAS=	6.4	FOM=	0.91	TEST=	0
INDE	6	10	30	FOBS=	248.6	SIGMA=	0.5	PHAS=	41.1	FOM=	0.99	TEST=	0
INDE	6	10	32	FOBS=	142.4	SIGMA=	0.7	PHAS=	-71.7	FOM=	0.92	TEST=	0
INDE	6	10	34	FOBS=	247.0	SIGMA=	0.5	PHAS=	50.5	FOM=	0.94	TEST=	0
INDE	6	10	36	FOBS=	183.6	SIGMA=	0.6	PHAS=	-137.2	FOM=	0.91	TEST=	0
INDE	6	10	38	FOBS=	311.5	SIGMA=	0.5	PHAS=	-82.0	FOM=	0.96	TEST=	0
INDE	6	10	40	FOBS=	266.1	SIGMA=	0.7	PHAS=	-35.1	FOM=	0.98	TEST=	0
INDE	6	10	42	FOBS=	253.4	SIGMA=	0.9	PHAS=	-52.2	FOM=	0.93	TEST=	0
INDE	6	10	44	FOBS=	128.2	SIGMA=	1.5	PHAS=	131.7	FOM=	0.98	TEST=	0
INDE	6	10	46	FOBS=	173.4	SIGMA=	1.2	PHAS=	48.0	FOM=	0.88	TEST=	0
INDE	6	10	48	FOBS=	93.7	SIGMA=	2.3	PHAS=	5.8	FOM=	0.50	TEST=	1
INDE	6	10	50	FOBS=	117.7	SIGMA=	1.8	PHAS=	119.7	FOM=	0.88	TEST=	0
INDE	6	10	52	FOBS=	121.4	SIGMA=	1.7	PHAS=	5.3	FOM=	0.97	TEST=	0
INDE	6	10	54	FOBS=	195.1	SIGMA=	1.1	PHAS=	118.2	FOM=	0.95	TEST=	0
INDE	6	10	56	FOBS=	47.6	SIGMA=	4.5	PHAS=	5.5	FOM=	0.74	TEST=	0
INDE	6	10	58	FOBS=	71.5	SIGMA=	2.8	PHAS=	-177.6	FOM=	0.94	TEST=	0
INDE	6	10	60	FOBS=	69.2	SIGMA=	2.8	PHAS=	173.0	FOM=	0.90	TEST=	0
INDE	6	10	62	FOBS=	55.3	SIGMA=	3.4	PHAS=	-156.4	FOM=	0.63	TEST=	0
INDE	6	10	64	FOBS=	19.8	SIGMA=	11.5	PHAS=	-107.4	FOM=	0.13	TEST=	0
INDE	6	10	66	FOBS=	53.6	SIGMA=	9.4	PHAS=	36.6	FOM=	0.24	TEST=	1
INDE	6	10	70	FOBS=	0.0	SIGMA=	28.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	10	72	FOBS=	39.9	SIGMA=	9.8	PHAS=	113.0	FOM=	0.83	TEST=	0
INDE	6	10	74	FOBS=	55.7	SIGMA=	7.2	PHAS=	-77.3	FOM=	0.70	TEST=	0
INDE	6	11	13	FOBS=	183.8	SIGMA=	0.5	PHAS=	25.7	FOM=	0.90	TEST=	0
INDE	6	11	15	FOBS=	110.2	SIGMA=	0.5	PHAS=	-175.3	FOM=	0.91	TEST=	0
INDE	6	11	17	FOBS=	102.4	SIGMA=	0.5	PHAS=	-75.9	FOM=	0.98	TEST=	0
INDE	6	11	19	FOBS=	119.7	SIGMA=	0.5	PHAS=	-117.3	FOM=	0.93	TEST=	0
INDE	6	11	21	FOBS=	186.3	SIGMA=	0.4	PHAS=	-161.7	FOM=	0.89	TEST=	0
INDE	6	11	23	FOBS=	128.1	SIGMA=	0.5	PHAS=	43.1	FOM=	0.99	TEST=	0
INDE	6	11	25	FOBS=	143.2	SIGMA=	0.5	PHAS=	-24.2	FOM=	0.84	TEST=	1
INDE	6	11	27	FOBS=	80.2	SIGMA=	0.8	PHAS=	-80.8	FOM=	0.98	TEST=	1
INDE	6	11	29	FOBS=	297.6	SIGMA=	0.4	PHAS=	-101.3	FOM=	0.97	TEST=	0
INDE	6	11	31	FOBS=	105.7	SIGMA=	0.7	PHAS=	-94.0	FOM=	0.97	TEST=	0
INDE	6	11	33	FOBS=	178.3	SIGMA=	0.7	PHAS=	-96.8	FOM=	0.96	TEST=	0
INDE	6	11	35	FOBS=	188.6	SIGMA=	1.1	PHAS=	-130.0	FOM=	0.93	TEST=	0
INDE	6	11	37	FOBS=	177.5	SIGMA=	0.7	PHAS=	-95.8	FOM=	0.98	TEST=	0
INDE	6	11	39	FOBS=	374.5	SIGMA=	0.5	PHAS=	-158.4	FOM=	0.98	TEST=	0
INDE	6	11	41	FOBS=	406.0	SIGMA=	0.5	PHAS=	-166.5	FOM=	0.98	TEST=	0

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INDE	6	11	43	FOBS=	89.9	SIGMA=	2.0	PHAS=	9.3	FOM=	0.83	TEST=	0
INDE	6	11	45	FOBS=	136.6	SIGMA=	1.5	PHAS=	18.1	FOM=	0.88	TEST=	0
INDE	6	11	47	FOBS=	74.9	SIGMA=	2.8	PHAS=	-89.6	FOM=	0.79	TEST=	0
INDE	6	11	49	FOBS=	147.6	SIGMA=	1.5	PHAS=	-91.5	FOM=	0.78	TEST=	0
INDE	6	11	51	FOBS=	95.6	SIGMA=	2.1	PHAS=	-61.0	FOM=	0.88	TEST=	0
INDE	6	11	53	FOBS=	187.9	SIGMA=	1.3	PHAS=	-131.0	FOM=	0.89	TEST=	0
INDE	6	11	55	FOBS=	49.3	SIGMA=	5.2	PHAS=	-59.1	FOM=	0.59	TEST=	0
INDE	6	11	57	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	11	59	FOBS=	35.7	SIGMA=	6.6	PHAS=	-177.8	FOM=	0.44	TEST=	0
INDE	6	11	61	FOBS=	85.3	SIGMA=	2.3	PHAS=	138.7	FOM=	0.80	TEST=	0
INDE	6	11	63	FOBS=	6.7	SIGMA=	39.8	PHAS=	-164.7	FOM=	0.02	TEST=	0
INDE	6	11	65	FOBS=	57.5	SIGMA=	4.7	PHAS=	-74.8	FOM=	0.19	TEST=	1
INDE	6	11	67	FOBS=	84.7	SIGMA=	5.0	PHAS=	-32.6	FOM=	0.87	TEST=	0
INDE	6	11	69	FOBS=	124.5	SIGMA=	3.4	PHAS=	87.0	FOM=	0.40	TEST=	1
INDE	6	11	71	FOBS=	74.9	SIGMA=	5.4	PHAS=	172.7	FOM=	0.04	TEST=	1
INDE	6	11	73	FOBS=	19.6	SIGMA=	20.8	PHAS=	172.1	FOM=	0.35	TEST=	0
INDE	6	11	75	FOBS=	30.4	SIGMA=	13.5	PHAS=	-76.5	FOM=	0.25	TEST=	0
INDE	6	12	12	FOBS=	137.2	SIGMA=	0.4	PHAS=	23.1	FOM=	0.39	TEST=	0
INDE	6	12	14	FOBS=	245.7	SIGMA=	0.4	PHAS=	-11.6	FOM=	0.96	TEST=	0
INDE	6	12	16	FOBS=	125.0	SIGMA=	0.5	PHAS=	172.6	FOM=	0.95	TEST=	0
INDE	6	12	18	FOBS=	218.4	SIGMA=	0.4	PHAS=	153.4	FOM=	0.81	TEST=	0
INDE	6	12	20	FOBS=	58.2	SIGMA=	0.9	PHAS=	2.9	FOM=	0.96	TEST=	0
INDE	6	12	22	FOBS=	170.7	SIGMA=	0.4	PHAS=	-40.8	FOM=	0.96	TEST=	0
INDE	6	12	24	FOBS=	117.7	SIGMA=	0.6	PHAS=	8.8	FOM=	0.96	TEST=	0
INDE	6	12	26	FOBS=	146.2	SIGMA=	0.5	PHAS=	-57.8	FOM=	0.97	TEST=	0
INDE	6	12	28	FOBS=	157.9	SIGMA=	0.5	PHAS=	-160.5	FOM=	0.91	TEST=	0
INDE	6	12	30	FOBS=	382.3	SIGMA=	0.5	PHAS=	142.6	FOM=	0.97	TEST=	0
INDE	6	12	32	FOBS=	310.3	SIGMA=	0.5	PHAS=	-118.6	FOM=	0.98	TEST=	0
INDE	6	12	34	FOBS=	63.4	SIGMA=	1.3	PHAS=	-133.0	FOM=	0.47	TEST=	0
INDE	6	12	36	FOBS=	120.1	SIGMA=	0.8	PHAS=	168.6	FOM=	0.75	TEST=	1
INDE	6	12	38	FOBS=	205.6	SIGMA=	1.1	PHAS=	-0.1	FOM=	0.93	TEST=	0
INDE	6	12	40	FOBS=	380.7	SIGMA=	0.5	PHAS=	91.3	FOM=	0.95	TEST=	0
INDE	6	12	42	FOBS=	180.4	SIGMA=	0.8	PHAS=	86.1	FOM=	0.95	TEST=	0
INDE	6	12	44	FOBS=	125.0	SIGMA=	1.6	PHAS=	-108.2	FOM=	0.91	TEST=	0
INDE	6	12	46	FOBS=	91.0	SIGMA=	2.3	PHAS=	138.4	FOM=	0.95	TEST=	0
INDE	6	12	48	FOBS=	154.4	SIGMA=	1.4	PHAS=	-171.4	FOM=	0.94	TEST=	0
INDE	6	12	50	FOBS=	227.1	SIGMA=	1.1	PHAS=	143.5	FOM=	0.96	TEST=	0
INDE	6	12	52	FOBS=	200.5	SIGMA=	1.1	PHAS=	161.7	FOM=	0.91	TEST=	0
INDE	6	12	54	FOBS=	110.1	SIGMA=	1.8	PHAS=	130.9	FOM=	0.91	TEST=	0
INDE	6	12	56	FOBS=	82.0	SIGMA=	2.4	PHAS=	135.2	FOM=	0.79	TEST=	0
INDE	6	12	58	FOBS=	98.5	SIGMA=	2.0	PHAS=	-107.0	FOM=	0.60	TEST=	0
INDE	6	12	60	FOBS=	86.6	SIGMA=	2.3	PHAS=	34.9	FOM=	0.77	TEST=	0
INDE	6	12	62	FOBS=	44.2	SIGMA=	4.8	PHAS=	112.3	FOM=	0.75	TEST=	0
INDE	6	12	64	FOBS=	51.1	SIGMA=	4.6	PHAS=	154.6	FOM=	0.48	TEST=	0
INDE	6	12	66	FOBS=	70.5	SIGMA=	6.0	PHAS=	-41.9	FOM=	0.65	TEST=	0
INDE	6	12	68	FOBS=	67.1	SIGMA=	6.3	PHAS=	0.0	FOM=	0.72	TEST=	0
INDE	6	12	70	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	12	72	FOBS=	58.4	SIGMA=	7.2	PHAS=	66.8	FOM=	0.68	TEST=	0
INDE	6	12	74	FOBS=	27.0	SIGMA=	15.5	PHAS=	1.7	FOM=	0.05	TEST=	0
INDE	6	12	76	FOBS=	43.3	SIGMA=	10.0	PHAS=	-148.3	FOM=	0.80	TEST=	0
INDE	6	13	11	FOBS=	103.6	SIGMA=	0.6	PHAS=	-163.6	FOM=	0.78	TEST=	0
INDE	6	13	13	FOBS=	110.2	SIGMA=	0.5	PHAS=	-24.8	FOM=	0.86	TEST=	0
INDE	6	13	15	FOBS=	70.5	SIGMA=	0.7	PHAS=	-81.5	FOM=	0.45	TEST=	0
INDE	6	13	17	FOBS=	65.1	SIGMA=	0.8	PHAS=	-128.4	FOM=	0.99	TEST=	0
INDE	6	13	19	FOBS=	136.5	SIGMA=	0.5	PHAS=	-28.8	FOM=	0.92	TEST=	0
INDE	6	13	21	FOBS=	325.5	SIGMA=	0.4	PHAS=	-174.7	FOM=	0.88	TEST=	1
INDE	6	13	23	FOBS=	154.0	SIGMA=	0.5	PHAS=	-45.1	FOM=	0.90	TEST=	0
INDE	6	13	25	FOBS=	180.8	SIGMA=	0.5	PHAS=	-96.3	FOM=	0.98	TEST=	0
INDE	6	13	27	FOBS=	133.6	SIGMA=	0.6	PHAS=	-142.1	FOM=	0.97	TEST=	0
INDE	6	13	29	FOBS=	255.6	SIGMA=	0.7	PHAS=	129.5	FOM=	0.98	TEST=	0
INDE	6	13	31	FOBS=	220.0	SIGMA=	0.5	PHAS=	30.0	FOM=	0.92	TEST=	0
INDE	6	13	33	FOBS=	113.9	SIGMA=	0.7	PHAS=	165.6	FOM=	0.96	TEST=	0
INDE	6	13	35	FOBS=	113.8	SIGMA=	0.8	PHAS=	147.5	FOM=	0.51	TEST=	0
INDE	6	13	37	FOBS=	296.7	SIGMA=	0.6	PHAS=	-59.3	FOM=	0.96	TEST=	0
INDE	6	13	39	FOBS=	102.4	SIGMA=	1.1	PHAS=	-50.8	FOM=	0.89	TEST=	0
INDE	6	13	41	FOBS=	192.6	SIGMA=	0.9	PHAS=	83.5	FOM=	0.83	TEST=	0
INDE	6	13	43	FOBS=	90.9	SIGMA=	2.1	PHAS=	5.8	FOM=	0.93	TEST=	0
INDE	6	13	45	FOBS=	28.4	SIGMA=	7.0	PHAS=	178.7	FOM=	0.50	TEST=	0
INDE	6	13	47	FOBS=	254.3	SIGMA=	1.0	PHAS=	59.7	FOM=	0.97	TEST=	0
INDE	6	13	49	FOBS=	70.6	SIGMA=	2.9	PHAS=	-60.2	FOM=	0.65	TEST=	0

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INDE	6	13	51	FOBS=	161.8	SIGMA=	1.3	PHAS=	43.1	FOM=	0.96	TEST=	0
INDE	6	13	53	FOBS=	27.6	SIGMA=	7.2	PHAS=	-76.6	FOM=	0.68	TEST=	0
INDE	6	13	55	FOBS=	150.4	SIGMA=	1.4	PHAS=	71.7	FOM=	0.87	TEST=	0
INDE	6	13	57	FOBS=	62.1	SIGMA=	3.2	PHAS=	-164.9	FOM=	0.47	TEST=	1
INDE	6	13	59	FOBS=	87.9	SIGMA=	2.2	PHAS=	46.2	FOM=	0.12	TEST=	1
INDE	6	13	61	FOBS=	84.4	SIGMA=	2.3	PHAS=	135.3	FOM=	0.83	TEST=	0
INDE	6	13	63	FOBS=	54.1	SIGMA=	4.3	PHAS=	26.0	FOM=	0.59	TEST=	0
INDE	6	13	65	FOBS=	67.4	SIGMA=	4.1	PHAS=	-56.7	FOM=	0.83	TEST=	0
INDE	6	13	67	FOBS=	89.8	SIGMA=	4.8	PHAS=	-57.1	FOM=	0.58	TEST=	1
INDE	6	13	69	FOBS=	25.6	SIGMA=	16.7	PHAS=	-25.3	FOM=	0.29	TEST=	0
INDE	6	13	71	FOBS=	0.0	SIGMA=	24.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	13	73	FOBS=	44.1	SIGMA=	7.1	PHAS=	126.0	FOM=	0.71	TEST=	0
INDE	6	13	75	FOBS=	60.0	SIGMA=	7.2	PHAS=	6.5	FOM=	0.76	TEST=	0
INDE	6	14	10	FOBS=	428.4	SIGMA=	0.5	PHAS=	-136.3	FOM=	0.42	TEST=	0
INDE	6	14	12	FOBS=	153.0	SIGMA=	0.5	PHAS=	156.8	FOM=	0.78	TEST=	0
INDE	6	14	14	FOBS=	147.3	SIGMA=	0.5	PHAS=	-83.9	FOM=	0.84	TEST=	0
INDE	6	14	16	FOBS=	124.6	SIGMA=	0.5	PHAS=	75.7	FOM=	0.89	TEST=	0
INDE	6	14	18	FOBS=	163.2	SIGMA=	0.5	PHAS=	117.8	FOM=	0.99	TEST=	0
INDE	6	14	20	FOBS=	71.5	SIGMA=	0.8	PHAS=	-146.3	FOM=	0.80	TEST=	0
INDE	6	14	22	FOBS=	182.5	SIGMA=	0.5	PHAS=	66.8	FOM=	0.90	TEST=	0
INDE	6	14	24	FOBS=	121.1	SIGMA=	0.6	PHAS=	97.4	FOM=	0.92	TEST=	0
INDE	6	14	26	FOBS=	108.2	SIGMA=	0.7	PHAS=	98.3	FOM=	0.96	TEST=	0
INDE	6	14	28	FOBS=	133.5	SIGMA=	0.6	PHAS=	78.2	FOM=	0.99	TEST=	0
INDE	6	14	30	FOBS=	104.4	SIGMA=	0.8	PHAS=	119.2	FOM=	0.96	TEST=	0
INDE	6	14	32	FOBS=	210.6	SIGMA=	0.5	PHAS=	-124.9	FOM=	0.97	TEST=	0
INDE	6	14	34	FOBS=	73.3	SIGMA=	1.1	PHAS=	-99.7	FOM=	0.96	TEST=	0
INDE	6	14	36	FOBS=	158.9	SIGMA=	0.6	PHAS=	158.8	FOM=	0.88	TEST=	0
INDE	6	14	38	FOBS=	182.1	SIGMA=	0.8	PHAS=	-87.3	FOM=	0.93	TEST=	0
INDE	6	14	40	FOBS=	144.2	SIGMA=	1.0	PHAS=	-64.8	FOM=	0.32	TEST=	0
INDE	6	14	42	FOBS=	66.8	SIGMA=	2.7	PHAS=	16.0	FOM=	0.89	TEST=	0
INDE	6	14	44	FOBS=	102.8	SIGMA=	2.0	PHAS=	152.2	FOM=	0.54	TEST=	0
INDE	6	14	46	FOBS=	150.3	SIGMA=	1.5	PHAS=	-100.3	FOM=	0.94	TEST=	0
INDE	6	14	48	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	6	14	50	FOBS=	100.3	SIGMA=	2.1	PHAS=	146.1	FOM=	0.81	TEST=	1
INDE	6	14	52	FOBS=	243.1	SIGMA=	1.1	PHAS=	-169.0	FOM=	0.98	TEST=	0
INDE	6	14	54	FOBS=	47.1	SIGMA=	4.2	PHAS=	27.7	FOM=	0.41	TEST=	0
INDE	6	14	56	FOBS=	41.4	SIGMA=	4.7	PHAS=	-114.4	FOM=	0.62	TEST=	0
INDE	6	14	58	FOBS=	50.6	SIGMA=	4.2	PHAS=	30.9	FOM=	0.34	TEST=	0
INDE	6	14	60	FOBS=	59.1	SIGMA=	3.6	PHAS=	15.9	FOM=	0.66	TEST=	0
INDE	6	14	62	FOBS=	107.4	SIGMA=	1.8	PHAS=	21.6	FOM=	0.90	TEST=	0
INDE	6	14	64	FOBS=	65.8	SIGMA=	4.1	PHAS=	-88.9	FOM=	0.86	TEST=	0
INDE	6	14	66	FOBS=	177.5	SIGMA=	2.6	PHAS=	170.1	FOM=	0.96	TEST=	0
INDE	6	14	68	FOBS=	45.0	SIGMA=	9.5	PHAS=	-147.5	FOM=	0.70	TEST=	0
INDE	6	14	70	FOBS=	30.7	SIGMA=	14.2	PHAS=	-133.4	FOM=	0.56	TEST=	0
INDE	6	14	72	FOBS=	0.0	SIGMA=	25.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	14	74	FOBS=	0.0	SIGMA=	30.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	14	76	FOBS=	66.6	SIGMA=	6.8	PHAS=	-85.7	FOM=	0.82	TEST=	0
INDE	6	15	9	FOBS=	148.2	SIGMA=	0.5	PHAS=	47.2	FOM=	0.94	TEST=	0
INDE	6	15	11	FOBS=	347.6	SIGMA=	0.5	PHAS=	17.2	FOM=	0.92	TEST=	0
INDE	6	15	13	FOBS=	163.0	SIGMA=	0.5	PHAS=	130.9	FOM=	0.91	TEST=	0
INDE	6	15	15	FOBS=	227.4	SIGMA=	0.6	PHAS=	-68.0	FOM=	0.93	TEST=	0
INDE	6	15	17	FOBS=	255.0	SIGMA=	0.5	PHAS=	-43.5	FOM=	0.93	TEST=	0
INDE	6	15	19	FOBS=	21.9	SIGMA=	2.5	PHAS=	-125.7	FOM=	0.85	TEST=	0
INDE	6	15	21	FOBS=	107.2	SIGMA=	0.5	PHAS=	-99.1	FOM=	0.99	TEST=	0
INDE	6	15	23	FOBS=	247.9	SIGMA=	0.4	PHAS=	-52.6	FOM=	0.91	TEST=	0
INDE	6	15	25	FOBS=	58.6	SIGMA=	1.2	PHAS=	141.8	FOM=	0.98	TEST=	0
INDE	6	15	27	FOBS=	155.1	SIGMA=	0.6	PHAS=	-24.2	FOM=	0.99	TEST=	0
INDE	6	15	29	FOBS=	165.1	SIGMA=	0.6	PHAS=	145.0	FOM=	0.99	TEST=	0
INDE	6	15	31	FOBS=	229.1	SIGMA=	0.6	PHAS=	89.0	FOM=	0.97	TEST=	0
INDE	6	15	33	FOBS=	282.3	SIGMA=	0.5	PHAS=	-152.6	FOM=	0.97	TEST=	0
INDE	6	15	35	FOBS=	118.2	SIGMA=	0.8	PHAS=	112.0	FOM=	0.92	TEST=	0
INDE	6	15	37	FOBS=	134.7	SIGMA=	0.8	PHAS=	6.9	FOM=	0.94	TEST=	0
INDE	6	15	39	FOBS=	172.2	SIGMA=	0.9	PHAS=	-73.0	FOM=	0.91	TEST=	0
INDE	6	15	41	FOBS=	197.4	SIGMA=	1.0	PHAS=	117.7	FOM=	0.93	TEST=	0
INDE	6	15	43	FOBS=	191.4	SIGMA=	1.1	PHAS=	-72.2	FOM=	0.13	TEST=	1
INDE	6	15	45	FOBS=	49.9	SIGMA=	4.2	PHAS=	-58.0	FOM=	0.66	TEST=	0
INDE	6	15	47	FOBS=	114.7	SIGMA=	1.9	PHAS=	94.2	FOM=	0.86	TEST=	0
INDE	6	15	49	FOBS=	92.6	SIGMA=	2.3	PHAS=	71.5	FOM=	0.64	TEST=	0
INDE	6	15	51	FOBS=	149.6	SIGMA=	1.4	PHAS=	125.1	FOM=	0.93	TEST=	0
INDE	6	15	53	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	6	15	55	FOBS=	51.2	SIGMA=	3.8	PHAS=	160.0	FOM=	0.75	TEST=	0
INDE	6	15	57	FOBS=	113.4	SIGMA=	1.8	PHAS=	-149.0	FOM=	0.89	TEST=	0
INDE	6	15	59	FOBS=	76.7	SIGMA=	2.6	PHAS=	-21.0	FOM=	0.63	TEST=	1
INDE	6	15	61	FOBS=	40.4	SIGMA=	4.8	PHAS=	-120.4	FOM=	0.47	TEST=	0
INDE	6	15	63	FOBS=	28.3	SIGMA=	7.1	PHAS=	-116.1	FOM=	0.17	TEST=	0
INDE	6	15	65	FOBS=	56.7	SIGMA=	5.8	PHAS=	56.5	FOM=	0.16	TEST=	1
INDE	6	15	67	FOBS=	100.5	SIGMA=	4.2	PHAS=	69.5	FOM=	0.93	TEST=	0
INDE	6	15	69	FOBS=	56.6	SIGMA=	7.6	PHAS=	-69.3	FOM=	0.07	TEST=	1
INDE	6	15	71	FOBS=	69.8	SIGMA=	4.5	PHAS=	-139.9	FOM=	0.90	TEST=	0
INDE	6	15	73	FOBS=	6.9	SIGMA=	45.8	PHAS=	170.0	FOM=	0.09	TEST=	0
INDE	6	15	75	FOBS=	50.6	SIGMA=	6.4	PHAS=	-71.4	FOM=	0.81	TEST=	0
INDE	6	16	6	FOBS=	353.2	SIGMA=	0.4	PHAS=	-152.6	FOM=	0.75	TEST=	0
INDE	6	16	8	FOBS=	181.9	SIGMA=	0.4	PHAS=	-160.2	FOM=	0.79	TEST=	0
INDE	6	16	10	FOBS=	217.7	SIGMA=	0.5	PHAS=	-46.2	FOM=	0.91	TEST=	0
INDE	6	16	12	FOBS=	138.5	SIGMA=	0.6	PHAS=	-1.2	FOM=	0.57	TEST=	0
INDE	6	16	14	FOBS=	29.8	SIGMA=	2.2	PHAS=	-101.3	FOM=	0.58	TEST=	0
INDE	6	16	16	FOBS=	329.8	SIGMA=	0.5	PHAS=	-156.8	FOM=	0.98	TEST=	0
INDE	6	16	18	FOBS=	210.6	SIGMA=	0.5	PHAS=	106.0	FOM=	0.89	TEST=	0
INDE	6	16	20	FOBS=	137.1	SIGMA=	0.5	PHAS=	-62.2	FOM=	0.99	TEST=	0
INDE	6	16	22	FOBS=	176.7	SIGMA=	0.5	PHAS=	178.6	FOM=	0.98	TEST=	0
INDE	6	16	24	FOBS=	235.8	SIGMA=	0.5	PHAS=	164.1	FOM=	0.96	TEST=	1
INDE	6	16	26	FOBS=	96.1	SIGMA=	0.8	PHAS=	171.9	FOM=	0.96	TEST=	0
INDE	6	16	28	FOBS=	135.9	SIGMA=	0.6	PHAS=	54.7	FOM=	0.98	TEST=	0
INDE	6	16	30	FOBS=	113.9	SIGMA=	0.7	PHAS=	91.6	FOM=	0.99	TEST=	0
INDE	6	16	32	FOBS=	238.4	SIGMA=	0.5	PHAS=	52.0	FOM=	0.96	TEST=	0
INDE	6	16	34	FOBS=	146.6	SIGMA=	0.7	PHAS=	103.8	FOM=	0.92	TEST=	0
INDE	6	16	36	FOBS=	182.8	SIGMA=	0.7	PHAS=	-94.9	FOM=	0.95	TEST=	0
INDE	6	16	38	FOBS=	282.2	SIGMA=	0.7	PHAS=	-76.7	FOM=	0.94	TEST=	0
INDE	6	16	40	FOBS=	261.2	SIGMA=	0.8	PHAS=	-93.6	FOM=	0.96	TEST=	0
INDE	6	16	42	FOBS=	227.7	SIGMA=	1.0	PHAS=	52.9	FOM=	0.92	TEST=	1
INDE	6	16	44	FOBS=	134.3	SIGMA=	1.6	PHAS=	136.0	FOM=	0.61	TEST=	0
INDE	6	16	46	FOBS=	151.1	SIGMA=	1.5	PHAS=	-69.7	FOM=	0.86	TEST=	1
INDE	6	16	48	FOBS=	176.6	SIGMA=	1.4	PHAS=	113.7	FOM=	0.41	TEST=	1
INDE	6	16	50	FOBS=	118.4	SIGMA=	1.8	PHAS=	40.5	FOM=	0.88	TEST=	1
INDE	6	16	52	FOBS=	160.6	SIGMA=	1.4	PHAS=	-136.6	FOM=	0.90	TEST=	0
INDE	6	16	54	FOBS=	60.3	SIGMA=	3.4	PHAS=	74.2	FOM=	0.87	TEST=	0
INDE	6	16	56	FOBS=	115.3	SIGMA=	1.8	PHAS=	-179.7	FOM=	0.90	TEST=	0
INDE	6	16	58	FOBS=	102.6	SIGMA=	2.0	PHAS=	173.6	FOM=	0.82	TEST=	0
INDE	6	16	60	FOBS=	108.0	SIGMA=	1.9	PHAS=	158.7	FOM=	0.91	TEST=	0
INDE	6	16	62	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	16	64	FOBS=	57.4	SIGMA=	4.8	PHAS=	35.1	FOM=	0.77	TEST=	0
INDE	6	16	68	FOBS=	0.0	SIGMA=	29.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	16	70	FOBS=	116.0	SIGMA=	3.9	PHAS=	160.9	FOM=	0.95	TEST=	0
INDE	6	16	72	FOBS=	97.7	SIGMA=	3.4	PHAS=	171.4	FOM=	0.93	TEST=	0
INDE	6	16	74	FOBS=	52.0	SIGMA=	6.3	PHAS=	-166.3	FOM=	0.35	TEST=	0
INDE	6	17	7	FOBS=	36.4	SIGMA=	1.3	PHAS=	-131.3	FOM=	0.96	TEST=	0
INDE	6	17	9	FOBS=	332.7	SIGMA=	0.5	PHAS=	162.4	FOM=	0.98	TEST=	0
INDE	6	17	11	FOBS=	110.3	SIGMA=	0.6	PHAS=	36.4	FOM=	0.85	TEST=	0
INDE	6	17	13	FOBS=	82.2	SIGMA=	0.9	PHAS=	7.6	FOM=	0.40	TEST=	0
INDE	6	17	15	FOBS=	67.6	SIGMA=	1.0	PHAS=	-172.0	FOM=	0.85	TEST=	0
INDE	6	17	17	FOBS=	106.3	SIGMA=	0.7	PHAS=	23.8	FOM=	0.96	TEST=	1
INDE	6	17	19	FOBS=	50.9	SIGMA=	1.2	PHAS=	118.3	FOM=	0.99	TEST=	0
INDE	6	17	21	FOBS=	114.2	SIGMA=	0.6	PHAS=	-101.0	FOM=	0.99	TEST=	0
INDE	6	17	23	FOBS=	45.3	SIGMA=	1.4	PHAS=	125.9	FOM=	0.95	TEST=	0
INDE	6	17	25	FOBS=	273.5	SIGMA=	0.5	PHAS=	89.6	FOM=	0.98	TEST=	0
INDE	6	17	27	FOBS=	146.7	SIGMA=	0.6	PHAS=	-14.8	FOM=	0.82	TEST=	0
INDE	6	17	29	FOBS=	92.8	SIGMA=	0.9	PHAS=	-33.3	FOM=	0.94	TEST=	0
INDE	6	17	31	FOBS=	140.9	SIGMA=	0.7	PHAS=	23.2	FOM=	0.98	TEST=	0
INDE	6	17	33	FOBS=	190.0	SIGMA=	0.7	PHAS=	-30.6	FOM=	0.97	TEST=	0
INDE	6	17	35	FOBS=	196.1	SIGMA=	0.7	PHAS=	5.2	FOM=	0.97	TEST=	1
INDE	6	17	37	FOBS=	240.9	SIGMA=	0.7	PHAS=	136.6	FOM=	0.94	TEST=	0
INDE	6	17	39	FOBS=	333.9	SIGMA=	0.6	PHAS=	-146.2	FOM=	0.97	TEST=	0
INDE	6	17	41	FOBS=	148.5	SIGMA=	1.1	PHAS=	134.3	FOM=	0.97	TEST=	1
INDE	6	17	43	FOBS=	149.9	SIGMA=	1.3	PHAS=	-127.8	FOM=	0.95	TEST=	0
INDE	6	17	45	FOBS=	149.6	SIGMA=	1.5	PHAS=	-28.7	FOM=	0.97	TEST=	0
INDE	6	17	47	FOBS=	170.2	SIGMA=	1.4	PHAS=	-59.7	FOM=	0.89	TEST=	0
INDE	6	17	49	FOBS=	31.7	SIGMA=	7.6	PHAS=	117.2	FOM=	0.32	TEST=	0
INDE	6	17	51	FOBS=	175.8	SIGMA=	1.5	PHAS=	-168.4	FOM=	0.97	TEST=	0
INDE	6	17	53	FOBS=	37.5	SIGMA=	5.4	PHAS=	146.6	FOM=	0.72	TEST=	0
INDE	6	17	55	FOBS=	78.8	SIGMA=	2.6	PHAS=	26.2	FOM=	0.94	TEST=	0

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INDE	6	17	57	FOBS=	162.5	SIGMA=	1.3	PHAS=	125.2	FOM=	0.90	TEST=	0
INDE	6	17	59	FOBS=	96.9	SIGMA=	2.1	PHAS=	30.7	FOM=	0.85	TEST=	0
INDE	6	17	61	FOBS=	132.8	SIGMA=	1.5	PHAS=	45.0	FOM=	0.95	TEST=	0
INDE	6	17	63	FOBS=	97.3	SIGMA=	2.4	PHAS=	28.1	FOM=	0.82	TEST=	0
INDE	6	17	65	FOBS=	97.5	SIGMA=	4.5	PHAS=	-178.5	FOM=	0.80	TEST=	0
INDE	6	17	67	FOBS=	58.6	SIGMA=	7.5	PHAS=	24.2	FOM=	0.89	TEST=	0
INDE	6	17	69	FOBS=	26.7	SIGMA=	16.6	PHAS=	15.5	FOM=	0.49	TEST=	0
INDE	6	17	71	FOBS=	66.6	SIGMA=	6.6	PHAS=	67.1	FOM=	0.60	TEST=	0
INDE	6	17	73	FOBS=	70.2	SIGMA=	4.7	PHAS=	136.3	FOM=	0.90	TEST=	0
INDE	6	17	75	FOBS=	23.6	SIGMA=	14.1	PHAS=	156.0	FOM=	0.30	TEST=	0
INDE	6	18	6	FOBS=	169.1	SIGMA=	0.5	PHAS=	20.4	FOM=	0.55	TEST=	1
INDE	6	18	8	FOBS=	208.2	SIGMA=	0.6	PHAS=	137.6	FOM=	0.41	TEST=	1
INDE	6	18	10	FOBS=	237.9	SIGMA=	0.5	PHAS=	-168.8	FOM=	0.35	TEST=	1
INDE	6	18	12	FOBS=	66.8	SIGMA=	1.1	PHAS=	-56.5	FOM=	0.62	TEST=	0
INDE	6	18	14	FOBS=	117.3	SIGMA=	0.7	PHAS=	-127.4	FOM=	0.91	TEST=	0
INDE	6	18	16	FOBS=	98.9	SIGMA=	0.8	PHAS=	179.9	FOM=	0.85	TEST=	0
INDE	6	18	18	FOBS=	119.5	SIGMA=	0.6	PHAS=	26.3	FOM=	0.99	TEST=	0
INDE	6	18	20	FOBS=	100.0	SIGMA=	0.7	PHAS=	-118.2	FOM=	0.93	TEST=	0
INDE	6	18	22	FOBS=	101.5	SIGMA=	0.7	PHAS=	-112.5	FOM=	0.98	TEST=	1
INDE	6	18	24	FOBS=	142.8	SIGMA=	0.5	PHAS=	25.8	FOM=	0.76	TEST=	0
INDE	6	18	26	FOBS=	65.1	SIGMA=	1.1	PHAS=	16.2	FOM=	0.98	TEST=	0
INDE	6	18	28	FOBS=	85.1	SIGMA=	1.0	PHAS=	-36.2	FOM=	0.88	TEST=	0
INDE	6	18	30	FOBS=	161.1	SIGMA=	0.7	PHAS=	-171.2	FOM=	0.95	TEST=	0
INDE	6	18	32	FOBS=	34.0	SIGMA=	3.1	PHAS=	-72.5	FOM=	0.87	TEST=	0
INDE	6	18	34	FOBS=	293.5	SIGMA=	0.6	PHAS=	-87.5	FOM=	0.95	TEST=	1
INDE	6	18	36	FOBS=	276.0	SIGMA=	0.6	PHAS=	-108.4	FOM=	0.94	TEST=	0
INDE	6	18	38	FOBS=	186.8	SIGMA=	0.8	PHAS=	144.4	FOM=	0.78	TEST=	0
INDE	6	18	40	FOBS=	165.9	SIGMA=	1.1	PHAS=	85.2	FOM=	0.95	TEST=	0
INDE	6	18	42	FOBS=	224.7	SIGMA=	0.8	PHAS=	140.5	FOM=	0.96	TEST=	0
INDE	6	18	44	FOBS=	20.7	SIGMA=	9.8	PHAS=	-124.9	FOM=	0.43	TEST=	0
INDE	6	18	46	FOBS=	206.7	SIGMA=	0.8	PHAS=	-153.8	FOM=	0.97	TEST=	0
INDE	6	18	48	FOBS=	79.8	SIGMA=	1.9	PHAS=	-45.1	FOM=	0.86	TEST=	0
INDE	6	18	50	FOBS=	205.8	SIGMA=	1.1	PHAS=	129.5	FOM=	0.69	TEST=	1
INDE	6	18	52	FOBS=	245.7	SIGMA=	1.0	PHAS=	-174.0	FOM=	0.95	TEST=	0
INDE	6	18	54	FOBS=	58.8	SIGMA=	3.5	PHAS=	125.0	FOM=	0.86	TEST=	0
INDE	6	18	56	FOBS=	202.5	SIGMA=	1.1	PHAS=	-56.2	FOM=	0.95	TEST=	0
INDE	6	18	58	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	18	60	FOBS=	114.2	SIGMA=	1.8	PHAS=	-91.3	FOM=	0.93	TEST=	0
INDE	6	18	62	FOBS=	148.6	SIGMA=	1.7	PHAS=	-11.9	FOM=	0.94	TEST=	0
INDE	6	18	64	FOBS=	199.5	SIGMA=	1.9	PHAS=	25.0	FOM=	0.96	TEST=	0
INDE	6	18	66	FOBS=	63.3	SIGMA=	7.0	PHAS=	-100.1	FOM=	0.78	TEST=	0
INDE	6	18	68	FOBS=	101.7	SIGMA=	4.4	PHAS=	-64.4	FOM=	0.95	TEST=	0
INDE	6	18	70	FOBS=	54.2	SIGMA=	8.4	PHAS=	147.9	FOM=	0.69	TEST=	0
INDE	6	18	72	FOBS=	98.4	SIGMA=	4.7	PHAS=	103.4	FOM=	0.93	TEST=	0
INDE	6	18	74	FOBS=	42.3	SIGMA=	7.8	PHAS=	102.7	FOM=	0.85	TEST=	0
INDE	6	19	7	FOBS=	238.5	SIGMA=	0.5	PHAS=	-85.3	FOM=	0.93	TEST=	0
INDE	6	19	9	FOBS=	104.7	SIGMA=	0.6	PHAS=	77.5	FOM=	0.95	TEST=	0
INDE	6	19	11	FOBS=	155.5	SIGMA=	0.5	PHAS=	11.8	FOM=	0.82	TEST=	0
INDE	6	19	13	FOBS=	60.8	SIGMA=	1.3	PHAS=	31.7	FOM=	0.96	TEST=	1
INDE	6	19	15	FOBS=	143.2	SIGMA=	0.7	PHAS=	13.7	FOM=	0.92	TEST=	0
INDE	6	19	17	FOBS=	113.9	SIGMA=	0.7	PHAS=	-44.0	FOM=	0.75	TEST=	0
INDE	6	19	19	FOBS=	40.2	SIGMA=	1.6	PHAS=	-135.0	FOM=	0.92	TEST=	0
INDE	6	19	21	FOBS=	52.4	SIGMA=	1.3	PHAS=	-134.7	FOM=	0.98	TEST=	0
INDE	6	19	23	FOBS=	211.4	SIGMA=	0.5	PHAS=	-134.3	FOM=	0.97	TEST=	0
INDE	6	19	25	FOBS=	28.7	SIGMA=	2.6	PHAS=	47.9	FOM=	0.14	TEST=	0
INDE	6	19	27	FOBS=	99.8	SIGMA=	0.9	PHAS=	26.8	FOM=	0.89	TEST=	0
INDE	6	19	29	FOBS=	251.2	SIGMA=	0.6	PHAS=	-29.6	FOM=	0.98	TEST=	0
INDE	6	19	31	FOBS=	252.3	SIGMA=	0.6	PHAS=	92.2	FOM=	0.98	TEST=	0
INDE	6	19	33	FOBS=	101.3	SIGMA=	1.1	PHAS=	156.3	FOM=	0.77	TEST=	0
INDE	6	19	35	FOBS=	289.3	SIGMA=	0.6	PHAS=	166.8	FOM=	0.98	TEST=	1
INDE	6	19	37	FOBS=	312.6	SIGMA=	0.6	PHAS=	130.2	FOM=	0.96	TEST=	0
INDE	6	19	39	FOBS=	198.2	SIGMA=	0.8	PHAS=	32.9	FOM=	0.94	TEST=	0
INDE	6	19	41	FOBS=	196.1	SIGMA=	0.9	PHAS=	15.8	FOM=	0.89	TEST=	0
INDE	6	19	43	FOBS=	89.7	SIGMA=	1.9	PHAS=	-117.4	FOM=	0.46	TEST=	0
INDE	6	19	45	FOBS=	148.0	SIGMA=	1.3	PHAS=	4.0	FOM=	0.92	TEST=	0
INDE	6	19	47	FOBS=	66.1	SIGMA=	2.0	PHAS=	4.9	FOM=	0.33	TEST=	0
INDE	6	19	49	FOBS=	80.8	SIGMA=	1.9	PHAS=	-121.7	FOM=	0.37	TEST=	0
INDE	6	19	51	FOBS=	207.0	SIGMA=	1.1	PHAS=	132.3	FOM=	0.96	TEST=	0
INDE	6	19	53	FOBS=	146.7	SIGMA=	1.5	PHAS=	43.1	FOM=	0.93	TEST=	0
INDE	6	19	55	FOBS=	56.3	SIGMA=	3.6	PHAS=	-92.4	FOM=	0.82	TEST=	0

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INDE	6	19	57	FOBS=	94.4	SIGMA=	2.2	PHAS=	142.5	FOM=	0.80	TEST=	0
INDE	6	19	59	FOBS=	28.7	SIGMA=	6.9	PHAS=	142.7	FOM=	0.16	TEST=	0
INDE	6	19	61	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	19	63	FOBS=	158.9	SIGMA=	1.6	PHAS=	168.1	FOM=	0.13	TEST=	1
INDE	6	19	65	FOBS=	92.0	SIGMA=	4.8	PHAS=	-66.4	FOM=	0.92	TEST=	0
INDE	6	19	67	FOBS=	53.0	SIGMA=	8.4	PHAS=	-163.9	FOM=	0.35	TEST=	0
INDE	6	19	69	FOBS=	55.7	SIGMA=	8.1	PHAS=	-168.0	FOM=	0.80	TEST=	0
INDE	6	19	71	FOBS=	72.1	SIGMA=	6.4	PHAS=	15.4	FOM=	0.91	TEST=	0
INDE	6	19	73	FOBS=	46.2	SIGMA=	7.3	PHAS=	65.8	FOM=	0.86	TEST=	0
INDE	6	19	75	FOBS=	0.0	SIGMA=	31.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	20	6	FOBS=	410.0	SIGMA=	0.5	PHAS=	108.9	FOM=	0.96	TEST=	0
INDE	6	20	8	FOBS=	137.5	SIGMA=	0.7	PHAS=	-125.7	FOM=	0.83	TEST=	1
INDE	6	20	10	FOBS=	131.7	SIGMA=	0.6	PHAS=	-94.6	FOM=	0.74	TEST=	0
INDE	6	20	12	FOBS=	166.2	SIGMA=	0.5	PHAS=	-167.8	FOM=	0.58	TEST=	1
INDE	6	20	14	FOBS=	139.3	SIGMA=	0.7	PHAS=	-63.2	FOM=	0.78	TEST=	0
INDE	6	20	16	FOBS=	50.8	SIGMA=	1.7	PHAS=	33.4	FOM=	0.91	TEST=	0
INDE	6	20	18	FOBS=	103.4	SIGMA=	0.8	PHAS=	-55.1	FOM=	0.98	TEST=	0
INDE	6	20	20	FOBS=	124.0	SIGMA=	0.7	PHAS=	-125.7	FOM=	0.94	TEST=	1
INDE	6	20	22	FOBS=	229.8	SIGMA=	0.5	PHAS=	-152.8	FOM=	0.97	TEST=	0
INDE	6	20	24	FOBS=	150.7	SIGMA=	0.7	PHAS=	139.1	FOM=	0.99	TEST=	0
INDE	6	20	26	FOBS=	112.2	SIGMA=	0.9	PHAS=	98.8	FOM=	0.88	TEST=	0
INDE	6	20	28	FOBS=	139.5	SIGMA=	0.8	PHAS=	-92.2	FOM=	0.99	TEST=	0
INDE	6	20	30	FOBS=	120.9	SIGMA=	0.8	PHAS=	-73.1	FOM=	0.92	TEST=	0
INDE	6	20	32	FOBS=	238.2	SIGMA=	0.6	PHAS=	9.2	FOM=	0.94	TEST=	0
INDE	6	20	34	FOBS=	130.8	SIGMA=	1.0	PHAS=	111.7	FOM=	0.91	TEST=	0
INDE	6	20	36	FOBS=	198.6	SIGMA=	0.8	PHAS=	84.3	FOM=	0.96	TEST=	0
INDE	6	20	38	FOBS=	212.0	SIGMA=	0.8	PHAS=	-81.0	FOM=	0.94	TEST=	0
INDE	6	20	40	FOBS=	232.1	SIGMA=	0.8	PHAS=	55.2	FOM=	0.94	TEST=	0
INDE	6	20	42	FOBS=	218.8	SIGMA=	0.9	PHAS=	-129.2	FOM=	0.99	TEST=	0
INDE	6	20	44	FOBS=	120.8	SIGMA=	1.5	PHAS=	-149.1	FOM=	0.78	TEST=	0
INDE	6	20	46	FOBS=	258.6	SIGMA=	0.8	PHAS=	-76.9	FOM=	0.91	TEST=	1
INDE	6	20	48	FOBS=	139.4	SIGMA=	1.0	PHAS=	-79.0	FOM=	0.86	TEST=	0
INDE	6	20	50	FOBS=	115.9	SIGMA=	1.3	PHAS=	88.8	FOM=	0.86	TEST=	0
INDE	6	20	52	FOBS=	106.7	SIGMA=	2.0	PHAS=	-7.7	FOM=	0.92	TEST=	0
INDE	6	20	54	FOBS=	131.5	SIGMA=	1.7	PHAS=	-120.8	FOM=	0.90	TEST=	0
INDE	6	20	56	FOBS=	130.2	SIGMA=	1.7	PHAS=	-97.4	FOM=	0.89	TEST=	0
INDE	6	20	58	FOBS=	114.8	SIGMA=	1.8	PHAS=	30.9	FOM=	0.78	TEST=	0
INDE	6	20	60	FOBS=	59.7	SIGMA=	3.3	PHAS=	-74.8	FOM=	0.79	TEST=	0
INDE	6	20	62	FOBS=	75.0	SIGMA=	3.2	PHAS=	143.5	FOM=	0.76	TEST=	0
INDE	6	20	64	FOBS=	0.0	SIGMA=	30.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	20	66	FOBS=	80.3	SIGMA=	5.6	PHAS=	-151.0	FOM=	0.85	TEST=	0
INDE	6	20	68	FOBS=	54.8	SIGMA=	8.3	PHAS=	10.0	FOM=	0.63	TEST=	0
INDE	6	20	70	FOBS=	12.8	SIGMA=	35.2	PHAS=	-128.5	FOM=	0.19	TEST=	0
INDE	6	20	72	FOBS=	27.2	SIGMA=	17.1	PHAS=	-144.7	FOM=	0.38	TEST=	0
INDE	6	20	74	FOBS=	54.1	SIGMA=	6.4	PHAS=	-129.0	FOM=	0.08	TEST=	1
INDE	6	21	7	FOBS=	344.0	SIGMA=	0.5	PHAS=	45.1	FOM=	0.92	TEST=	0
INDE	6	21	9	FOBS=	48.3	SIGMA=	1.5	PHAS=	144.4	FOM=	0.96	TEST=	0
INDE	6	21	11	FOBS=	156.2	SIGMA=	0.6	PHAS=	-155.5	FOM=	0.98	TEST=	0
INDE	6	21	13	FOBS=	264.6	SIGMA=	0.6	PHAS=	140.5	FOM=	0.96	TEST=	0
INDE	6	21	15	FOBS=	152.8	SIGMA=	0.9	PHAS=	15.5	FOM=	0.96	TEST=	0
INDE	6	21	17	FOBS=	75.5	SIGMA=	1.4	PHAS=	-51.7	FOM=	0.95	TEST=	0
INDE	6	21	19	FOBS=	174.4	SIGMA=	0.7	PHAS=	-169.8	FOM=	0.99	TEST=	0
INDE	6	21	21	FOBS=	196.1	SIGMA=	0.6	PHAS=	96.9	FOM=	0.93	TEST=	0
INDE	6	21	23	FOBS=	220.9	SIGMA=	0.5	PHAS=	150.7	FOM=	0.96	TEST=	1
INDE	6	21	25	FOBS=	135.5	SIGMA=	0.8	PHAS=	75.6	FOM=	0.99	TEST=	0
INDE	6	21	27	FOBS=	83.1	SIGMA=	1.2	PHAS=	25.1	FOM=	0.96	TEST=	0
INDE	6	21	29	FOBS=	143.2	SIGMA=	0.8	PHAS=	-48.9	FOM=	0.99	TEST=	0
INDE	6	21	31	FOBS=	158.1	SIGMA=	0.7	PHAS=	162.7	FOM=	0.92	TEST=	0
INDE	6	21	33	FOBS=	159.0	SIGMA=	0.8	PHAS=	-43.1	FOM=	0.96	TEST=	0
INDE	6	21	35	FOBS=	112.1	SIGMA=	1.2	PHAS=	-57.3	FOM=	0.95	TEST=	0
INDE	6	21	37	FOBS=	248.6	SIGMA=	0.9	PHAS=	108.1	FOM=	0.95	TEST=	0
INDE	6	21	39	FOBS=	62.8	SIGMA=	2.5	PHAS=	69.3	FOM=	0.68	TEST=	0
INDE	6	21	41	FOBS=	124.4	SIGMA=	1.4	PHAS=	-35.2	FOM=	0.86	TEST=	0
INDE	6	21	43	FOBS=	72.6	SIGMA=	2.5	PHAS=	105.1	FOM=	0.67	TEST=	0
INDE	6	21	45	FOBS=	151.1	SIGMA=	1.3	PHAS=	162.3	FOM=	0.90	TEST=	0
INDE	6	21	47	FOBS=	103.6	SIGMA=	1.3	PHAS=	-155.3	FOM=	0.92	TEST=	0
INDE	6	21	49	FOBS=	109.7	SIGMA=	1.4	PHAS=	-139.4	FOM=	0.89	TEST=	0
INDE	6	21	51	FOBS=	223.4	SIGMA=	1.1	PHAS=	162.0	FOM=	0.95	TEST=	0
INDE	6	21	53	FOBS=	90.2	SIGMA=	2.4	PHAS=	124.0	FOM=	0.83	TEST=	0
INDE	6	21	55	FOBS=	169.9	SIGMA=	1.3	PHAS=	-178.6	FOM=	0.95	TEST=	0

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INDE	6	21	57	FOBS=	41.8	SIGMA=	4.9	PHAS=	76.1	FOM=	0.19	TEST=	1
INDE	6	21	59	FOBS=	59.2	SIGMA=	3.4	PHAS=	-159.8	FOM=	0.78	TEST=	0
INDE	6	21	61	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	21	63	FOBS=	35.7	SIGMA=	7.5	PHAS=	-106.4	FOM=	0.14	TEST=	1
INDE	6	21	65	FOBS=	0.0	SIGMA=	30.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	21	67	FOBS=	35.0	SIGMA=	12.7	PHAS=	-50.0	FOM=	0.16	TEST=	0
INDE	6	21	69	FOBS=	44.3	SIGMA=	10.2	PHAS=	-118.7	FOM=	0.51	TEST=	0
INDE	6	21	71	FOBS=	10.0	SIGMA=	46.3	PHAS=	-174.4	FOM=	0.21	TEST=	0
INDE	6	21	73	FOBS=	80.8	SIGMA=	5.9	PHAS=	118.8	FOM=	0.92	TEST=	0
INDE	6	22	6	FOBS=	179.1	SIGMA=	0.5	PHAS=	-61.2	FOM=	0.40	TEST=	1
INDE	6	22	8	FOBS=	132.1	SIGMA=	0.6	PHAS=	-12.9	FOM=	0.92	TEST=	0
INDE	6	22	10	FOBS=	157.2	SIGMA=	0.7	PHAS=	173.2	FOM=	0.93	TEST=	0
INDE	6	22	12	FOBS=	341.1	SIGMA=	0.6	PHAS=	117.1	FOM=	0.99	TEST=	0
INDE	6	22	14	FOBS=	193.5	SIGMA=	0.7	PHAS=	53.5	FOM=	0.96	TEST=	0
INDE	6	22	16	FOBS=	64.7	SIGMA=	1.9	PHAS=	171.1	FOM=	0.29	TEST=	1
INDE	6	22	18	FOBS=	71.0	SIGMA=	1.6	PHAS=	-171.6	FOM=	0.97	TEST=	0
INDE	6	22	20	FOBS=	195.7	SIGMA=	0.7	PHAS=	-29.2	FOM=	0.94	TEST=	0
INDE	6	22	22	FOBS=	40.8	SIGMA=	2.2	PHAS=	-137.0	FOM=	0.88	TEST=	0
INDE	6	22	24	FOBS=	152.0	SIGMA=	0.7	PHAS=	-93.2	FOM=	0.94	TEST=	0
INDE	6	22	26	FOBS=	135.9	SIGMA=	0.9	PHAS=	23.5	FOM=	0.95	TEST=	0
INDE	6	22	28	FOBS=	178.1	SIGMA=	0.7	PHAS=	168.8	FOM=	0.85	TEST=	0
INDE	6	22	30	FOBS=	103.3	SIGMA=	1.1	PHAS=	70.2	FOM=	0.99	TEST=	0
INDE	6	22	32	FOBS=	259.2	SIGMA=	0.6	PHAS=	23.8	FOM=	0.92	TEST=	0
INDE	6	22	34	FOBS=	75.2	SIGMA=	1.8	PHAS=	144.2	FOM=	0.91	TEST=	1
INDE	6	22	36	FOBS=	93.6	SIGMA=	1.5	PHAS=	147.4	FOM=	0.62	TEST=	0
INDE	6	22	38	FOBS=	154.9	SIGMA=	1.0	PHAS=	-145.8	FOM=	0.94	TEST=	0
INDE	6	22	40	FOBS=	140.4	SIGMA=	1.3	PHAS=	30.2	FOM=	0.91	TEST=	0
INDE	6	22	42	FOBS=	215.3	SIGMA=	0.9	PHAS=	-99.2	FOM=	0.92	TEST=	0
INDE	6	22	44	FOBS=	119.4	SIGMA=	1.6	PHAS=	78.2	FOM=	0.72	TEST=	1
INDE	6	22	46	FOBS=	119.3	SIGMA=	1.5	PHAS=	-180.0	FOM=	0.75	TEST=	0
INDE	6	22	48	FOBS=	119.5	SIGMA=	1.1	PHAS=	75.3	FOM=	0.86	TEST=	0
INDE	6	22	50	FOBS=	137.4	SIGMA=	1.1	PHAS=	83.4	FOM=	0.91	TEST=	0
INDE	6	22	52	FOBS=	59.6	SIGMA=	2.2	PHAS=	-12.7	FOM=	0.30	TEST=	0
INDE	6	22	54	FOBS=	146.7	SIGMA=	1.2	PHAS=	169.6	FOM=	0.39	TEST=	1
INDE	6	22	56	FOBS=	109.3	SIGMA=	2.0	PHAS=	178.1	FOM=	0.72	TEST=	1
INDE	6	22	58	FOBS=	69.7	SIGMA=	3.0	PHAS=	91.4	FOM=	0.82	TEST=	0
INDE	6	22	60	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	22	62	FOBS=	45.4	SIGMA=	5.9	PHAS=	157.9	FOM=	0.80	TEST=	0
INDE	6	22	64	FOBS=	47.2	SIGMA=	9.5	PHAS=	79.0	FOM=	0.55	TEST=	0
INDE	6	22	66	FOBS=	0.0	SIGMA=	30.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	22	68	FOBS=	21.8	SIGMA=	20.9	PHAS=	-126.1	FOM=	0.31	TEST=	0
INDE	6	22	70	FOBS=	43.7	SIGMA=	10.5	PHAS=	133.6	FOM=	0.28	TEST=	0
INDE	6	22	72	FOBS=	35.2	SIGMA=	13.5	PHAS=	60.4	FOM=	0.74	TEST=	0
INDE	6	22	74	FOBS=	0.0	SIGMA=	26.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	23	7	FOBS=	50.7	SIGMA=	1.3	PHAS=	149.5	FOM=	0.91	TEST=	0
INDE	6	23	9	FOBS=	246.1	SIGMA=	0.7	PHAS=	160.4	FOM=	0.95	TEST=	0
INDE	6	23	11	FOBS=	139.0	SIGMA=	0.7	PHAS=	37.4	FOM=	0.91	TEST=	0
INDE	6	23	13	FOBS=	319.3	SIGMA=	0.7	PHAS=	18.0	FOM=	0.99	TEST=	0
INDE	6	23	15	FOBS=	287.8	SIGMA=	0.7	PHAS=	35.4	FOM=	0.96	TEST=	0
INDE	6	23	17	FOBS=	136.0	SIGMA=	1.1	PHAS=	92.1	FOM=	0.89	TEST=	0
INDE	6	23	19	FOBS=	269.6	SIGMA=	0.7	PHAS=	-133.4	FOM=	0.97	TEST=	0
INDE	6	23	21	FOBS=	84.6	SIGMA=	1.2	PHAS=	87.1	FOM=	0.98	TEST=	0
INDE	6	23	23	FOBS=	405.9	SIGMA=	0.5	PHAS=	171.9	FOM=	0.96	TEST=	0
INDE	6	23	25	FOBS=	184.5	SIGMA=	0.7	PHAS=	-163.5	FOM=	0.65	TEST=	1
INDE	6	23	27	FOBS=	70.4	SIGMA=	1.6	PHAS=	169.9	FOM=	0.95	TEST=	0
INDE	6	23	29	FOBS=	175.7	SIGMA=	0.8	PHAS=	50.7	FOM=	0.98	TEST=	0
INDE	6	23	31	FOBS=	204.9	SIGMA=	0.7	PHAS=	-4.5	FOM=	0.86	TEST=	1
INDE	6	23	33	FOBS=	429.2	SIGMA=	0.5	PHAS=	-65.2	FOM=	0.97	TEST=	0
INDE	6	23	35	FOBS=	329.0	SIGMA=	0.6	PHAS=	90.4	FOM=	0.90	TEST=	1
INDE	6	23	37	FOBS=	236.7	SIGMA=	0.7	PHAS=	57.8	FOM=	0.96	TEST=	0
INDE	6	23	39	FOBS=	60.7	SIGMA=	2.9	PHAS=	140.6	FOM=	0.72	TEST=	0
INDE	6	23	41	FOBS=	47.6	SIGMA=	3.7	PHAS=	-151.3	FOM=	0.52	TEST=	0
INDE	6	23	43	FOBS=	93.4	SIGMA=	2.0	PHAS=	-16.2	FOM=	0.91	TEST=	0
INDE	6	23	45	FOBS=	173.2	SIGMA=	1.1	PHAS=	96.6	FOM=	0.93	TEST=	0
INDE	6	23	47	FOBS=	180.3	SIGMA=	0.9	PHAS=	21.7	FOM=	0.91	TEST=	0
INDE	6	23	49	FOBS=	189.8	SIGMA=	0.9	PHAS=	-72.0	FOM=	0.95	TEST=	0
INDE	6	23	51	FOBS=	140.4	SIGMA=	1.0	PHAS=	122.7	FOM=	0.95	TEST=	0
INDE	6	23	53	FOBS=	172.3	SIGMA=	1.2	PHAS=	122.1	FOM=	0.93	TEST=	0
INDE	6	23	55	FOBS=	86.5	SIGMA=	1.9	PHAS=	138.6	FOM=	0.91	TEST=	0
INDE	6	23	57	FOBS=	102.0	SIGMA=	2.1	PHAS=	79.5	FOM=	0.91	TEST=	0

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INDE	6	23	59	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	23	61	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	23	63	FOBS=	103.2	SIGMA=	3.2	PHAS=	48.9	FOM=	0.89	TEST=	0
INDE	6	23	65	FOBS=	36.4	SIGMA=	12.4	PHAS=	-174.0	FOM=	0.05	TEST=	1
INDE	6	23	67	FOBS=	36.9	SIGMA=	12.3	PHAS=	85.1	FOM=	0.11	TEST=	0
INDE	6	23	69	FOBS=	52.7	SIGMA=	8.8	PHAS=	-105.1	FOM=	0.23	TEST=	0
INDE	6	23	71	FOBS=	0.0	SIGMA=	30.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	23	73	FOBS=	29.3	SIGMA=	16.7	PHAS=	-111.4	FOM=	0.29	TEST=	0
INDE	6	24	6	FOBS=	147.9	SIGMA=	0.6	PHAS=	70.7	FOM=	0.98	TEST=	0
INDE	6	24	8	FOBS=	322.3	SIGMA=	0.5	PHAS=	75.2	FOM=	0.99	TEST=	1
INDE	6	24	10	FOBS=	94.8	SIGMA=	0.9	PHAS=	165.9	FOM=	0.92	TEST=	0
INDE	6	24	12	FOBS=	83.0	SIGMA=	1.1	PHAS=	166.8	FOM=	0.69	TEST=	0
INDE	6	24	14	FOBS=	122.5	SIGMA=	0.8	PHAS=	-24.4	FOM=	0.95	TEST=	0
INDE	6	24	16	FOBS=	186.5	SIGMA=	0.9	PHAS=	-23.8	FOM=	0.94	TEST=	0
INDE	6	24	18	FOBS=	351.9	SIGMA=	0.7	PHAS=	108.8	FOM=	0.99	TEST=	0
INDE	6	24	20	FOBS=	103.5	SIGMA=	1.2	PHAS=	-41.4	FOM=	0.64	TEST=	0
INDE	6	24	22	FOBS=	278.2	SIGMA=	0.6	PHAS=	43.1	FOM=	0.99	TEST=	0
INDE	6	24	24	FOBS=	173.7	SIGMA=	0.7	PHAS=	90.5	FOM=	0.89	TEST=	0
INDE	6	24	26	FOBS=	221.6	SIGMA=	0.6	PHAS=	80.8	FOM=	0.99	TEST=	1
INDE	6	24	28	FOBS=	303.5	SIGMA=	0.6	PHAS=	59.5	FOM=	0.98	TEST=	0
INDE	6	24	30	FOBS=	174.6	SIGMA=	0.8	PHAS=	-50.2	FOM=	0.92	TEST=	0
INDE	6	24	32	FOBS=	321.6	SIGMA=	0.6	PHAS=	-81.6	FOM=	0.95	TEST=	0
INDE	6	24	34	FOBS=	378.6	SIGMA=	0.6	PHAS=	-81.7	FOM=	0.96	TEST=	0
INDE	6	24	36	FOBS=	167.4	SIGMA=	0.9	PHAS=	-52.9	FOM=	0.83	TEST=	0
INDE	6	24	38	FOBS=	176.7	SIGMA=	1.0	PHAS=	121.9	FOM=	0.96	TEST=	1
INDE	6	24	40	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	24	42	FOBS=	195.5	SIGMA=	1.1	PHAS=	163.9	FOM=	0.98	TEST=	0
INDE	6	24	44	FOBS=	29.7	SIGMA=	6.7	PHAS=	-155.6	FOM=	0.30	TEST=	0
INDE	6	24	46	FOBS=	184.6	SIGMA=	1.1	PHAS=	-32.8	FOM=	0.85	TEST=	0
INDE	6	24	48	FOBS=	36.7	SIGMA=	3.8	PHAS=	64.9	FOM=	0.37	TEST=	0
INDE	6	24	50	FOBS=	113.8	SIGMA=	1.2	PHAS=	119.7	FOM=	0.81	TEST=	0
INDE	6	24	52	FOBS=	119.1	SIGMA=	1.3	PHAS=	-5.0	FOM=	0.93	TEST=	0
INDE	6	24	54	FOBS=	100.8	SIGMA=	1.3	PHAS=	46.3	FOM=	0.92	TEST=	0
INDE	6	24	56	FOBS=	43.9	SIGMA=	3.9	PHAS=	-131.0	FOM=	0.70	TEST=	0
INDE	6	24	58	FOBS=	61.4	SIGMA=	3.4	PHAS=	41.5	FOM=	0.75	TEST=	0
INDE	6	24	60	FOBS=	46.3	SIGMA=	4.8	PHAS=	-79.7	FOM=	0.60	TEST=	0
INDE	6	24	62	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	24	64	FOBS=	83.0	SIGMA=	5.6	PHAS=	-82.7	FOM=	0.89	TEST=	0
INDE	6	24	66	FOBS=	43.1	SIGMA=	10.5	PHAS=	-97.1	FOM=	0.37	TEST=	0
INDE	6	24	68	FOBS=	67.2	SIGMA=	6.9	PHAS=	57.5	FOM=	0.83	TEST=	0
INDE	6	24	70	FOBS=	19.7	SIGMA=	23.7	PHAS=	-155.9	FOM=	0.43	TEST=	0
INDE	6	24	72	FOBS=	76.4	SIGMA=	6.5	PHAS=	99.4	FOM=	0.02	TEST=	1
INDE	6	25	7	FOBS=	267.2	SIGMA=	0.5	PHAS=	-16.2	FOM=	0.94	TEST=	0
INDE	6	25	9	FOBS=	182.1	SIGMA=	0.7	PHAS=	55.0	FOM=	0.99	TEST=	0
INDE	6	25	11	FOBS=	169.2	SIGMA=	0.6	PHAS=	10.9	FOM=	0.90	TEST=	1
INDE	6	25	13	FOBS=	289.7	SIGMA=	0.7	PHAS=	-8.6	FOM=	0.96	TEST=	1
INDE	6	25	15	FOBS=	76.7	SIGMA=	1.6	PHAS=	77.9	FOM=	0.94	TEST=	0
INDE	6	25	17	FOBS=	191.7	SIGMA=	0.9	PHAS=	15.3	FOM=	0.99	TEST=	0
INDE	6	25	19	FOBS=	69.3	SIGMA=	1.8	PHAS=	-171.4	FOM=	0.44	TEST=	0
INDE	6	25	21	FOBS=	109.0	SIGMA=	1.1	PHAS=	-95.6	FOM=	0.95	TEST=	0
INDE	6	25	23	FOBS=	267.1	SIGMA=	0.6	PHAS=	-121.2	FOM=	0.99	TEST=	0
INDE	6	25	25	FOBS=	218.3	SIGMA=	0.7	PHAS=	-68.0	FOM=	0.98	TEST=	0
INDE	6	25	27	FOBS=	81.6	SIGMA=	1.5	PHAS=	-2.3	FOM=	0.98	TEST=	1
INDE	6	25	29	FOBS=	106.8	SIGMA=	1.2	PHAS=	-52.7	FOM=	0.53	TEST=	0
INDE	6	25	31	FOBS=	125.9	SIGMA=	1.1	PHAS=	-100.8	FOM=	0.89	TEST=	0
INDE	6	25	33	FOBS=	192.9	SIGMA=	0.9	PHAS=	-169.6	FOM=	0.96	TEST=	1
INDE	6	25	35	FOBS=	89.9	SIGMA=	1.5	PHAS=	142.7	FOM=	0.95	TEST=	0
INDE	6	25	37	FOBS=	58.2	SIGMA=	2.5	PHAS=	151.8	FOM=	0.99	TEST=	0
INDE	6	25	39	FOBS=	181.5	SIGMA=	1.0	PHAS=	59.2	FOM=	0.89	TEST=	0
INDE	6	25	41	FOBS=	247.5	SIGMA=	0.9	PHAS=	35.4	FOM=	0.96	TEST=	0
INDE	6	25	43	FOBS=	206.9	SIGMA=	1.0	PHAS=	40.5	FOM=	0.95	TEST=	0
INDE	6	25	45	FOBS=	21.3	SIGMA=	8.8	PHAS=	-42.1	FOM=	0.49	TEST=	0
INDE	6	25	47	FOBS=	138.8	SIGMA=	1.3	PHAS=	-33.4	FOM=	0.92	TEST=	0
INDE	6	25	49	FOBS=	97.6	SIGMA=	1.4	PHAS=	-52.4	FOM=	0.79	TEST=	0
INDE	6	25	51	FOBS=	143.9	SIGMA=	1.1	PHAS=	-56.2	FOM=	0.60	TEST=	0
INDE	6	25	53	FOBS=	73.9	SIGMA=	1.8	PHAS=	100.0	FOM=	0.75	TEST=	0
INDE	6	25	55	FOBS=	92.9	SIGMA=	1.4	PHAS=	50.5	FOM=	0.86	TEST=	0
INDE	6	25	57	FOBS=	53.6	SIGMA=	3.2	PHAS=	119.6	FOM=	0.87	TEST=	0
INDE	6	25	59	FOBS=	117.5	SIGMA=	2.2	PHAS=	-136.2	FOM=	0.88	TEST=	0
INDE	6	25	61	FOBS=	54.7	SIGMA=	4.5	PHAS=	172.7	FOM=	0.74	TEST=	0

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INDE	6	25	63	FOBS=	25.5	SIGMA=	12.3	PHAS=	-37.7	FOM=	0.44	TEST=	0
INDE	6	25	65	FOBS=	49.1	SIGMA=	9.3	PHAS=	-176.5	FOM=	0.73	TEST=	0
INDE	6	25	67	FOBS=	43.3	SIGMA=	10.7	PHAS=	37.3	FOM=	0.58	TEST=	0
INDE	6	25	69	FOBS=	25.5	SIGMA=	18.2	PHAS=	53.6	FOM=	0.27	TEST=	0
INDE	6	25	71	FOBS=	59.0	SIGMA=	8.1	PHAS=	-6.0	FOM=	0.04	TEST=	1
INDE	6	25	73	FOBS=	30.7	SIGMA=	16.4	PHAS=	148.8	FOM=	0.01	TEST=	1
INDE	6	26	6	FOBS=	138.3	SIGMA=	0.6	PHAS=	-114.1	FOM=	0.94	TEST=	0
INDE	6	26	8	FOBS=	58.5	SIGMA=	1.2	PHAS=	90.0	FOM=	0.92	TEST=	0
INDE	6	26	10	FOBS=	103.5	SIGMA=	0.9	PHAS=	-110.4	FOM=	0.84	TEST=	0
INDE	6	26	12	FOBS=	171.9	SIGMA=	0.7	PHAS=	-103.9	FOM=	0.98	TEST=	1
INDE	6	26	14	FOBS=	86.6	SIGMA=	1.1	PHAS=	-117.6	FOM=	0.90	TEST=	0
INDE	6	26	16	FOBS=	41.2	SIGMA=	2.7	PHAS=	93.3	FOM=	0.95	TEST=	0
INDE	6	26	18	FOBS=	299.0	SIGMA=	0.7	PHAS=	-151.5	FOM=	0.98	TEST=	1
INDE	6	26	20	FOBS=	117.2	SIGMA=	1.2	PHAS=	-3.6	FOM=	0.90	TEST=	1
INDE	6	26	22	FOBS=	111.5	SIGMA=	1.1	PHAS=	83.6	FOM=	0.98	TEST=	0
INDE	6	26	24	FOBS=	290.9	SIGMA=	0.7	PHAS=	147.6	FOM=	0.97	TEST=	0
INDE	6	26	26	FOBS=	59.6	SIGMA=	1.9	PHAS=	127.0	FOM=	0.87	TEST=	0
INDE	6	26	28	FOBS=	221.9	SIGMA=	0.7	PHAS=	91.9	FOM=	0.95	TEST=	0
INDE	6	26	30	FOBS=	292.6	SIGMA=	0.6	PHAS=	-169.6	FOM=	0.94	TEST=	1
INDE	6	26	32	FOBS=	49.7	SIGMA=	2.9	PHAS=	58.1	FOM=	0.17	TEST=	0
INDE	6	26	34	FOBS=	37.8	SIGMA=	3.8	PHAS=	-171.8	FOM=	0.38	TEST=	0
INDE	6	26	36	FOBS=	178.8	SIGMA=	0.9	PHAS=	89.8	FOM=	0.96	TEST=	0
INDE	6	26	38	FOBS=	169.6	SIGMA=	1.0	PHAS=	72.6	FOM=	0.92	TEST=	0
INDE	6	26	40	FOBS=	274.0	SIGMA=	0.8	PHAS=	-71.3	FOM=	0.96	TEST=	0
INDE	6	26	42	FOBS=	161.7	SIGMA=	1.2	PHAS=	-101.1	FOM=	0.94	TEST=	0
INDE	6	26	44	FOBS=	114.0	SIGMA=	1.6	PHAS=	-124.0	FOM=	0.83	TEST=	0
INDE	6	26	46	FOBS=	94.9	SIGMA=	1.9	PHAS=	-90.6	FOM=	0.89	TEST=	0
INDE	6	26	48	FOBS=	196.4	SIGMA=	0.9	PHAS=	-165.8	FOM=	0.88	TEST=	0
INDE	6	26	50	FOBS=	133.3	SIGMA=	1.4	PHAS=	-121.8	FOM=	0.84	TEST=	0
INDE	6	26	52	FOBS=	128.0	SIGMA=	1.1	PHAS=	4.3	FOM=	0.81	TEST=	0
INDE	6	26	54	FOBS=	99.1	SIGMA=	1.3	PHAS=	-14.9	FOM=	0.89	TEST=	0
INDE	6	26	56	FOBS=	84.1	SIGMA=	1.8	PHAS=	-82.5	FOM=	0.85	TEST=	0
INDE	6	26	58	FOBS=	140.4	SIGMA=	1.3	PHAS=	90.2	FOM=	0.89	TEST=	0
INDE	6	26	60	FOBS=	72.0	SIGMA=	3.5	PHAS=	108.0	FOM=	0.81	TEST=	0
INDE	6	26	62	FOBS=	96.3	SIGMA=	3.4	PHAS=	174.5	FOM=	0.88	TEST=	0
INDE	6	26	64	FOBS=	82.9	SIGMA=	4.0	PHAS=	177.5	FOM=	0.82	TEST=	0
INDE	6	26	66	FOBS=	45.8	SIGMA=	10.1	PHAS=	-13.3	FOM=	0.30	TEST=	0
INDE	6	26	68	FOBS=	0.0	SIGMA=	30.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	26	70	FOBS=	52.6	SIGMA=	9.1	PHAS=	21.2	FOM=	0.71	TEST=	0
INDE	6	26	72	FOBS=	65.5	SIGMA=	7.5	PHAS=	-5.1	FOM=	0.84	TEST=	0
INDE	6	27	7	FOBS=	178.0	SIGMA=	0.5	PHAS=	25.4	FOM=	0.93	TEST=	0
INDE	6	27	9	FOBS=	31.5	SIGMA=	2.7	PHAS=	112.6	FOM=	0.86	TEST=	0
INDE	6	27	11	FOBS=	124.4	SIGMA=	0.8	PHAS=	133.1	FOM=	0.97	TEST=	0
INDE	6	27	13	FOBS=	45.7	SIGMA=	2.0	PHAS=	42.7	FOM=	0.94	TEST=	0
INDE	6	27	15	FOBS=	149.3	SIGMA=	0.8	PHAS=	67.1	FOM=	0.96	TEST=	0
INDE	6	27	17	FOBS=	319.3	SIGMA=	1.0	PHAS=	87.9	FOM=	0.99	TEST=	0
INDE	6	27	19	FOBS=	95.3	SIGMA=	1.4	PHAS=	90.4	FOM=	0.95	TEST=	0
INDE	6	27	21	FOBS=	207.1	SIGMA=	0.8	PHAS=	-126.3	FOM=	0.95	TEST=	0
INDE	6	27	23	FOBS=	168.7	SIGMA=	0.8	PHAS=	31.2	FOM=	0.84	TEST=	0
INDE	6	27	25	FOBS=	335.2	SIGMA=	0.6	PHAS=	-33.2	FOM=	0.95	TEST=	0
INDE	6	27	27	FOBS=	100.5	SIGMA=	1.3	PHAS=	-20.7	FOM=	0.94	TEST=	0
INDE	6	27	29	FOBS=	0.0	SIGMA=	17.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	27	31	FOBS=	70.7	SIGMA=	2.1	PHAS=	-179.8	FOM=	0.95	TEST=	1
INDE	6	27	33	FOBS=	151.4	SIGMA=	1.0	PHAS=	87.6	FOM=	0.98	TEST=	0
INDE	6	27	35	FOBS=	86.7	SIGMA=	2.0	PHAS=	100.6	FOM=	0.92	TEST=	0
INDE	6	27	37	FOBS=	160.3	SIGMA=	1.2	PHAS=	48.9	FOM=	0.95	TEST=	0
INDE	6	27	39	FOBS=	221.3	SIGMA=	0.8	PHAS=	145.6	FOM=	0.93	TEST=	0
INDE	6	27	41	FOBS=	106.3	SIGMA=	2.0	PHAS=	100.5	FOM=	0.86	TEST=	0
INDE	6	27	43	FOBS=	93.7	SIGMA=	2.0	PHAS=	177.0	FOM=	0.94	TEST=	0
INDE	6	27	45	FOBS=	64.0	SIGMA=	2.8	PHAS=	-78.6	FOM=	0.59	TEST=	0
INDE	6	27	47	FOBS=	223.9	SIGMA=	0.9	PHAS=	84.3	FOM=	0.97	TEST=	0
INDE	6	27	49	FOBS=	143.5	SIGMA=	1.0	PHAS=	148.0	FOM=	0.91	TEST=	0
INDE	6	27	51	FOBS=	134.2	SIGMA=	1.1	PHAS=	-27.5	FOM=	0.93	TEST=	0
INDE	6	27	53	FOBS=	0.0	SIGMA=	17.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	27	55	FOBS=	48.1	SIGMA=	2.7	PHAS=	161.2	FOM=	0.71	TEST=	0
INDE	6	27	57	FOBS=	35.6	SIGMA=	4.3	PHAS=	-47.3	FOM=	0.82	TEST=	0
INDE	6	27	59	FOBS=	29.5	SIGMA=	7.6	PHAS=	-83.2	FOM=	0.08	TEST=	0
INDE	6	27	61	FOBS=	26.5	SIGMA=	12.2	PHAS=	-178.9	FOM=	0.16	TEST=	0
INDE	6	27	63	FOBS=	62.0	SIGMA=	5.3	PHAS=	9.8	FOM=	0.87	TEST=	0
INDE	6	27	65	FOBS=	26.8	SIGMA=	17.4	PHAS=	142.0	FOM=	0.51	TEST=	0

INDE	6	27	67	FOBS=	0.0	SIGMA=	30.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	27	69	FOBS=	49.3	SIGMA=	9.7	PHAS=	76.0	FOM=	0.57	TEST=	0
INDE	6	27	71	FOBS=	168.7	SIGMA=	3.1	PHAS=	-70.1	FOM=	0.97	TEST=	0
INDE	6	28	6	FOBS=	166.2	SIGMA=	0.7	PHAS=	-92.0	FOM=	0.95	TEST=	0
INDE	6	28	8	FOBS=	54.7	SIGMA=	1.4	PHAS=	-11.8	FOM=	0.99	TEST=	0
INDE	6	28	10	FOBS=	148.6	SIGMA=	0.7	PHAS=	95.9	FOM=	0.95	TEST=	0
INDE	6	28	12	FOBS=	153.7	SIGMA=	0.7	PHAS=	85.6	FOM=	0.98	TEST=	0
INDE	6	28	14	FOBS=	134.1	SIGMA=	0.8	PHAS=	53.7	FOM=	0.95	TEST=	0
INDE	6	28	16	FOBS=	27.2	SIGMA=	4.0	PHAS=	-15.4	FOM=	0.92	TEST=	0
INDE	6	28	18	FOBS=	60.5	SIGMA=	2.5	PHAS=	-146.7	FOM=	0.43	TEST=	0
INDE	6	28	20	FOBS=	51.6	SIGMA=	2.7	PHAS=	25.8	FOM=	0.84	TEST=	1
INDE	6	28	22	FOBS=	142.2	SIGMA=	1.1	PHAS=	-69.4	FOM=	0.97	TEST=	0
INDE	6	28	24	FOBS=	237.1	SIGMA=	0.7	PHAS=	-161.8	FOM=	0.95	TEST=	0
INDE	6	28	26	FOBS=	135.1	SIGMA=	1.0	PHAS=	-76.8	FOM=	0.91	TEST=	0
INDE	6	28	28	FOBS=	15.1	SIGMA=	9.6	PHAS=	162.2	FOM=	0.08	TEST=	0
INDE	6	28	30	FOBS=	192.4	SIGMA=	0.9	PHAS=	-136.7	FOM=	0.84	TEST=	0
INDE	6	28	32	FOBS=	343.7	SIGMA=	0.7	PHAS=	-24.2	FOM=	0.95	TEST=	0
INDE	6	28	34	FOBS=	176.6	SIGMA=	1.0	PHAS=	-129.3	FOM=	0.83	TEST=	0
INDE	6	28	36	FOBS=	97.7	SIGMA=	2.0	PHAS=	48.4	FOM=	0.96	TEST=	1
INDE	6	28	38	FOBS=	315.9	SIGMA=	0.9	PHAS=	28.9	FOM=	0.96	TEST=	0
INDE	6	28	40	FOBS=	156.5	SIGMA=	1.2	PHAS=	2.4	FOM=	0.81	TEST=	0
INDE	6	28	42	FOBS=	144.0	SIGMA=	1.8	PHAS=	-124.7	FOM=	0.94	TEST=	0
INDE	6	28	44	FOBS=	172.7	SIGMA=	1.1	PHAS=	-172.2	FOM=	0.94	TEST=	0
INDE	6	28	46	FOBS=	176.0	SIGMA=	1.1	PHAS=	-28.9	FOM=	0.93	TEST=	0
INDE	6	28	48	FOBS=	61.4	SIGMA=	2.8	PHAS=	49.1	FOM=	0.84	TEST=	0
INDE	6	28	50	FOBS=	105.1	SIGMA=	1.5	PHAS=	-72.6	FOM=	0.46	TEST=	1
INDE	6	28	52	FOBS=	103.5	SIGMA=	1.3	PHAS=	-51.6	FOM=	0.82	TEST=	0
INDE	6	28	54	FOBS=	42.8	SIGMA=	3.1	PHAS=	-166.4	FOM=	0.48	TEST=	0
INDE	6	28	56	FOBS=	54.4	SIGMA=	2.7	PHAS=	82.2	FOM=	0.14	TEST=	0
INDE	6	28	58	FOBS=	17.5	SIGMA=	9.0	PHAS=	-122.1	FOM=	0.49	TEST=	0
INDE	6	28	60	FOBS=	83.0	SIGMA=	2.3	PHAS=	172.3	FOM=	0.60	TEST=	0
INDE	6	28	62	FOBS=	51.9	SIGMA=	6.3	PHAS=	-65.7	FOM=	0.22	TEST=	0
INDE	6	28	64	FOBS=	26.1	SIGMA=	12.5	PHAS=	-7.6	FOM=	0.24	TEST=	0
INDE	6	28	66	FOBS=	0.0	SIGMA=	30.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	28	68	FOBS=	0.0	SIGMA=	31.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	29	7	FOBS=	110.0	SIGMA=	0.7	PHAS=	-113.2	FOM=	0.92	TEST=	0
INDE	6	29	9	FOBS=	83.2	SIGMA=	1.2	PHAS=	-66.9	FOM=	0.95	TEST=	0
INDE	6	29	11	FOBS=	245.3	SIGMA=	0.6	PHAS=	69.4	FOM=	0.99	TEST=	0
INDE	6	29	13	FOBS=	234.3	SIGMA=	0.7	PHAS=	-86.4	FOM=	0.99	TEST=	0
INDE	6	29	15	FOBS=	119.0	SIGMA=	1.0	PHAS=	30.2	FOM=	0.98	TEST=	0
INDE	6	29	17	FOBS=	194.4	SIGMA=	1.0	PHAS=	143.3	FOM=	0.95	TEST=	0
INDE	6	29	19	FOBS=	14.7	SIGMA=	9.3	PHAS=	149.4	FOM=	0.52	TEST=	0
INDE	6	29	21	FOBS=	420.1	SIGMA=	0.8	PHAS=	-173.5	FOM=	0.97	TEST=	0
INDE	6	29	23	FOBS=	73.9	SIGMA=	2.1	PHAS=	-138.9	FOM=	0.89	TEST=	0
INDE	6	29	25	FOBS=	158.3	SIGMA=	1.0	PHAS=	-174.5	FOM=	0.92	TEST=	0
INDE	6	29	27	FOBS=	37.8	SIGMA=	3.6	PHAS=	-148.5	FOM=	0.91	TEST=	0
INDE	6	29	29	FOBS=	129.0	SIGMA=	1.2	PHAS=	140.3	FOM=	0.95	TEST=	0
INDE	6	29	31	FOBS=	271.4	SIGMA=	0.7	PHAS=	178.6	FOM=	0.86	TEST=	0
INDE	6	29	33	FOBS=	85.2	SIGMA=	1.9	PHAS=	-88.5	FOM=	0.27	TEST=	0
INDE	6	29	35	FOBS=	196.7	SIGMA=	1.0	PHAS=	119.9	FOM=	0.95	TEST=	0
INDE	6	29	37	FOBS=	117.2	SIGMA=	1.8	PHAS=	-96.9	FOM=	0.94	TEST=	0
INDE	6	29	39	FOBS=	49.2	SIGMA=	4.2	PHAS=	-147.7	FOM=	0.33	TEST=	0
INDE	6	29	41	FOBS=	237.9	SIGMA=	0.9	PHAS=	15.0	FOM=	0.96	TEST=	0
INDE	6	29	43	FOBS=	168.1	SIGMA=	1.2	PHAS=	103.7	FOM=	0.94	TEST=	0
INDE	6	29	45	FOBS=	92.8	SIGMA=	2.2	PHAS=	57.7	FOM=	0.92	TEST=	0
INDE	6	29	47	FOBS=	81.4	SIGMA=	2.2	PHAS=	161.5	FOM=	0.70	TEST=	0
INDE	6	29	49	FOBS=	56.8	SIGMA=	2.5	PHAS=	131.8	FOM=	0.61	TEST=	0
INDE	6	29	51	FOBS=	76.6	SIGMA=	1.8	PHAS=	-3.5	FOM=	0.83	TEST=	0
INDE	6	29	53	FOBS=	99.2	SIGMA=	1.4	PHAS=	31.8	FOM=	0.93	TEST=	0
INDE	6	29	55	FOBS=	124.0	SIGMA=	1.2	PHAS=	124.4	FOM=	0.87	TEST=	0
INDE	6	29	57	FOBS=	22.2	SIGMA=	7.2	PHAS=	-127.0	FOM=	0.31	TEST=	0
INDE	6	29	59	FOBS=	79.4	SIGMA=	2.0	PHAS=	167.0	FOM=	0.81	TEST=	0
INDE	6	29	61	FOBS=	62.6	SIGMA=	3.1	PHAS=	-119.4	FOM=	0.51	TEST=	1
INDE	6	29	63	FOBS=	94.8	SIGMA=	3.6	PHAS=	-50.3	FOM=	0.91	TEST=	0
INDE	6	29	65	FOBS=	6.1	SIGMA=	77.8	PHAS=	-131.7	FOM=	0.07	TEST=	0
INDE	6	29	67	FOBS=	0.0	SIGMA=	31.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	29	69	FOBS=	62.9	SIGMA=	7.9	PHAS=	-110.4	FOM=	0.75	TEST=	0
INDE	6	29	71	FOBS=	74.0	SIGMA=	6.7	PHAS=	-58.1	FOM=	0.37	TEST=	1
INDE	6	30	6	FOBS=	93.2	SIGMA=	1.1	PHAS=	-141.8	FOM=	0.83	TEST=	0
INDE	6	30	8	FOBS=	161.3	SIGMA=	0.6	PHAS=	115.6	FOM=	0.95	TEST=	0

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INDE	6	30	10	FOBS=	204.5	SIGMA=	0.6	PHAS=	19.3	FOM=	0.97	TEST=	0
INDE	6	30	12	FOBS=	230.5	SIGMA=	0.6	PHAS=	117.4	FOM=	0.98	TEST=	1
INDE	6	30	14	FOBS=	153.9	SIGMA=	0.8	PHAS=	175.2	FOM=	0.98	TEST=	1
INDE	6	30	16	FOBS=	171.4	SIGMA=	0.8	PHAS=	82.0	FOM=	0.98	TEST=	0
INDE	6	30	18	FOBS=	185.2	SIGMA=	1.1	PHAS=	138.8	FOM=	0.98	TEST=	0
INDE	6	30	20	FOBS=	355.3	SIGMA=	0.7	PHAS=	145.3	FOM=	0.97	TEST=	0
INDE	6	30	22	FOBS=	254.6	SIGMA=	0.8	PHAS=	65.0	FOM=	0.89	TEST=	0
INDE	6	30	24	FOBS=	359.3	SIGMA=	0.8	PHAS=	166.9	FOM=	0.99	TEST=	0
INDE	6	30	26	FOBS=	274.3	SIGMA=	0.7	PHAS=	44.5	FOM=	0.96	TEST=	0
INDE	6	30	28	FOBS=	156.2	SIGMA=	1.0	PHAS=	90.8	FOM=	0.98	TEST=	0
INDE	6	30	30	FOBS=	213.7	SIGMA=	0.9	PHAS=	115.3	FOM=	0.90	TEST=	0
INDE	6	30	32	FOBS=	180.4	SIGMA=	1.0	PHAS=	51.7	FOM=	0.30	TEST=	0
INDE	6	30	34	FOBS=	84.3	SIGMA=	2.1	PHAS=	54.5	FOM=	0.81	TEST=	0
INDE	6	30	36	FOBS=	214.7	SIGMA=	1.0	PHAS=	2.0	FOM=	0.97	TEST=	0
INDE	6	30	38	FOBS=	131.4	SIGMA=	1.5	PHAS=	-48.8	FOM=	0.80	TEST=	0
INDE	6	30	40	FOBS=	80.8	SIGMA=	2.4	PHAS=	13.2	FOM=	0.90	TEST=	1
INDE	6	30	42	FOBS=	159.1	SIGMA=	1.2	PHAS=	-95.8	FOM=	0.92	TEST=	0
INDE	6	30	44	FOBS=	131.6	SIGMA=	1.4	PHAS=	-102.4	FOM=	0.23	TEST=	0
INDE	6	30	46	FOBS=	251.9	SIGMA=	0.9	PHAS=	-3.3	FOM=	0.96	TEST=	0
INDE	6	30	48	FOBS=	108.2	SIGMA=	1.7	PHAS=	11.6	FOM=	0.67	TEST=	0
INDE	6	30	50	FOBS=	86.5	SIGMA=	1.6	PHAS=	-67.1	FOM=	0.95	TEST=	0
INDE	6	30	52	FOBS=	206.2	SIGMA=	0.9	PHAS=	-39.8	FOM=	0.95	TEST=	0
INDE	6	30	54	FOBS=	74.1	SIGMA=	1.8	PHAS=	-16.1	FOM=	0.77	TEST=	0
INDE	6	30	56	FOBS=	0.0	SIGMA=	17.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	30	58	FOBS=	24.5	SIGMA=	6.6	PHAS=	-173.9	FOM=	0.07	TEST=	0
INDE	6	30	60	FOBS=	69.5	SIGMA=	2.5	PHAS=	146.3	FOM=	0.82	TEST=	0
INDE	6	30	62	FOBS=	103.0	SIGMA=	2.0	PHAS=	-147.5	FOM=	0.03	TEST=	1
INDE	6	30	64	FOBS=	36.3	SIGMA=	9.1	PHAS=	-112.4	FOM=	0.30	TEST=	0
INDE	6	30	66	FOBS=	43.1	SIGMA=	11.5	PHAS=	134.2	FOM=	0.54	TEST=	0
INDE	6	30	68	FOBS=	59.8	SIGMA=	8.2	PHAS=	-141.2	FOM=	0.05	TEST=	1
INDE	6	30	70	FOBS=	57.9	SIGMA=	8.8	PHAS=	-82.7	FOM=	0.42	TEST=	0
INDE	6	31	7	FOBS=	88.7	SIGMA=	1.2	PHAS=	-70.0	FOM=	0.82	TEST=	0
INDE	6	31	9	FOBS=	242.6	SIGMA=	0.7	PHAS=	-40.3	FOM=	0.96	TEST=	0
INDE	6	31	11	FOBS=	145.5	SIGMA=	0.8	PHAS=	-61.8	FOM=	0.62	TEST=	0
INDE	6	31	13	FOBS=	206.3	SIGMA=	0.7	PHAS=	-40.7	FOM=	0.87	TEST=	0
INDE	6	31	15	FOBS=	183.7	SIGMA=	0.8	PHAS=	41.0	FOM=	0.99	TEST=	0
INDE	6	31	17	FOBS=	122.9	SIGMA=	1.1	PHAS=	64.2	FOM=	0.99	TEST=	0
INDE	6	31	19	FOBS=	365.4	SIGMA=	0.7	PHAS=	82.5	FOM=	0.97	TEST=	0
INDE	6	31	21	FOBS=	57.5	SIGMA=	2.7	PHAS=	-21.9	FOM=	0.92	TEST=	0
INDE	6	31	23	FOBS=	511.3	SIGMA=	0.7	PHAS=	73.6	FOM=	0.99	TEST=	0
INDE	6	31	25	FOBS=	154.4	SIGMA=	1.1	PHAS=	-72.5	FOM=	0.73	TEST=	0
INDE	6	31	27	FOBS=	423.4	SIGMA=	0.7	PHAS=	-25.8	FOM=	0.97	TEST=	0
INDE	6	31	29	FOBS=	234.1	SIGMA=	0.8	PHAS=	34.0	FOM=	0.94	TEST=	0
INDE	6	31	31	FOBS=	48.5	SIGMA=	3.5	PHAS=	-51.2	FOM=	0.77	TEST=	0
INDE	6	31	33	FOBS=	105.1	SIGMA=	1.7	PHAS=	-11.6	FOM=	0.69	TEST=	0
INDE	6	31	35	FOBS=	124.2	SIGMA=	1.6	PHAS=	-171.8	FOM=	0.96	TEST=	0
INDE	6	31	37	FOBS=	109.9	SIGMA=	1.8	PHAS=	-109.5	FOM=	0.91	TEST=	0
INDE	6	31	39	FOBS=	98.6	SIGMA=	2.0	PHAS=	158.1	FOM=	0.89	TEST=	0
INDE	6	31	41	FOBS=	213.6	SIGMA=	1.0	PHAS=	-46.8	FOM=	0.95	TEST=	0
INDE	6	31	43	FOBS=	163.0	SIGMA=	1.2	PHAS=	132.7	FOM=	0.92	TEST=	0
INDE	6	31	45	FOBS=	63.3	SIGMA=	3.0	PHAS=	-157.3	FOM=	0.48	TEST=	1
INDE	6	31	47	FOBS=	231.1	SIGMA=	1.0	PHAS=	-58.2	FOM=	0.94	TEST=	0
INDE	6	31	49	FOBS=	53.5	SIGMA=	3.2	PHAS=	-73.6	FOM=	0.91	TEST=	0
INDE	6	31	51	FOBS=	16.0	SIGMA=	10.0	PHAS=	39.6	FOM=	0.09	TEST=	0
INDE	6	31	53	FOBS=	9.0	SIGMA=	15.0	PHAS=	-18.5	FOM=	0.22	TEST=	0
INDE	6	31	55	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	31	57	FOBS=	0.0	SIGMA=	18.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	31	59	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	31	61	FOBS=	56.8	SIGMA=	3.1	PHAS=	120.9	FOM=	0.85	TEST=	0
INDE	6	31	63	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	31	65	FOBS=	33.4	SIGMA=	14.9	PHAS=	-119.0	FOM=	0.52	TEST=	0
INDE	6	31	67	FOBS=	69.0	SIGMA=	7.2	PHAS=	13.1	FOM=	0.62	TEST=	0
INDE	6	31	69	FOBS=	25.0	SIGMA=	20.0	PHAS=	-150.2	FOM=	0.72	TEST=	0
INDE	6	31	71	FOBS=	76.5	SIGMA=	6.8	PHAS=	90.4	FOM=	0.80	TEST=	0
INDE	6	32	6	FOBS=	91.5	SIGMA=	1.1	PHAS=	-79.4	FOM=	0.79	TEST=	0
INDE	6	32	8	FOBS=	61.4	SIGMA=	1.4	PHAS=	-116.7	FOM=	0.97	TEST=	0
INDE	6	32	10	FOBS=	62.0	SIGMA=	1.7	PHAS=	158.3	FOM=	0.80	TEST=	0
INDE	6	32	12	FOBS=	250.7	SIGMA=	0.6	PHAS=	98.4	FOM=	0.96	TEST=	0
INDE	6	32	14	FOBS=	247.0	SIGMA=	0.7	PHAS=	-143.6	FOM=	0.99	TEST=	0
INDE	6	32	16	FOBS=	0.0	SIGMA=	15.0	PHAS=	0.0	FOM=	0.00	TEST=	1

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INDE	6	32	18	FOBS=	141.1	SIGMA=	1.0	PHAS=	15.4	FOM=	0.84	TEST=	0
INDE	6	32	20	FOBS=	98.5	SIGMA=	1.7	PHAS=	137.1	FOM=	0.81	TEST=	0
INDE	6	32	22	FOBS=	314.7	SIGMA=	0.8	PHAS=	-167.7	FOM=	0.99	TEST=	0
INDE	6	32	24	FOBS=	113.7	SIGMA=	1.6	PHAS=	-117.0	FOM=	0.92	TEST=	0
INDE	6	32	26	FOBS=	200.2	SIGMA=	0.9	PHAS=	150.1	FOM=	0.47	TEST=	1
INDE	6	32	28	FOBS=	112.8	SIGMA=	1.6	PHAS=	-80.2	FOM=	0.88	TEST=	0
INDE	6	32	30	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	32	32	FOBS=	90.9	SIGMA=	2.0	PHAS=	-9.6	FOM=	0.28	TEST=	0
INDE	6	32	34	FOBS=	242.4	SIGMA=	0.9	PHAS=	69.1	FOM=	0.98	TEST=	0
INDE	6	32	36	FOBS=	134.6	SIGMA=	1.5	PHAS=	-16.5	FOM=	0.96	TEST=	0
INDE	6	32	38	FOBS=	102.6	SIGMA=	1.9	PHAS=	-109.3	FOM=	0.89	TEST=	0
INDE	6	32	40	FOBS=	124.3	SIGMA=	1.6	PHAS=	-63.6	FOM=	0.84	TEST=	0
INDE	6	32	42	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	32	44	FOBS=	81.1	SIGMA=	2.2	PHAS=	-95.2	FOM=	0.71	TEST=	0
INDE	6	32	46	FOBS=	168.9	SIGMA=	1.3	PHAS=	-52.3	FOM=	0.84	TEST=	0
INDE	6	32	48	FOBS=	119.3	SIGMA=	1.7	PHAS=	-165.8	FOM=	0.94	TEST=	0
INDE	6	32	50	FOBS=	25.3	SIGMA=	6.2	PHAS=	-152.8	FOM=	0.31	TEST=	0
INDE	6	32	52	FOBS=	32.0	SIGMA=	4.6	PHAS=	-124.9	FOM=	0.33	TEST=	0
INDE	6	32	54	FOBS=	89.9	SIGMA=	1.7	PHAS=	34.7	FOM=	0.85	TEST=	0
INDE	6	32	56	FOBS=	38.2	SIGMA=	4.5	PHAS=	34.3	FOM=	0.10	TEST=	0
INDE	6	32	58	FOBS=	0.0	SIGMA=	18.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	32	60	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	32	62	FOBS=	56.8	SIGMA=	3.1	PHAS=	-100.8	FOM=	0.38	TEST=	0
INDE	6	32	64	FOBS=	38.0	SIGMA=	5.2	PHAS=	163.5	FOM=	0.34	TEST=	0
INDE	6	32	66	FOBS=	0.0	SIGMA=	31.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	32	68	FOBS=	0.0	SIGMA=	31.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	32	70	FOBS=	88.6	SIGMA=	5.9	PHAS=	83.8	FOM=	0.83	TEST=	0
INDE	6	33	7	FOBS=	151.1	SIGMA=	0.8	PHAS=	-68.2	FOM=	0.92	TEST=	1
INDE	6	33	9	FOBS=	192.4	SIGMA=	0.7	PHAS=	-35.2	FOM=	0.95	TEST=	0
INDE	6	33	11	FOBS=	38.6	SIGMA=	2.8	PHAS=	157.4	FOM=	0.81	TEST=	0
INDE	6	33	13	FOBS=	113.0	SIGMA=	1.1	PHAS=	53.7	FOM=	0.99	TEST=	0
INDE	6	33	15	FOBS=	199.1	SIGMA=	0.7	PHAS=	77.3	FOM=	0.96	TEST=	0
INDE	6	33	17	FOBS=	130.3	SIGMA=	1.0	PHAS=	47.5	FOM=	0.82	TEST=	0
INDE	6	33	19	FOBS=	168.2	SIGMA=	1.1	PHAS=	79.4	FOM=	0.92	TEST=	1
INDE	6	33	21	FOBS=	92.4	SIGMA=	1.9	PHAS=	-154.5	FOM=	0.31	TEST=	0
INDE	6	33	23	FOBS=	129.6	SIGMA=	1.5	PHAS=	-109.8	FOM=	0.98	TEST=	0
INDE	6	33	25	FOBS=	159.2	SIGMA=	1.3	PHAS=	-173.6	FOM=	0.92	TEST=	0
INDE	6	33	27	FOBS=	253.4	SIGMA=	0.8	PHAS=	-16.5	FOM=	0.94	TEST=	0
INDE	6	33	29	FOBS=	154.2	SIGMA=	1.2	PHAS=	48.7	FOM=	0.82	TEST=	0
INDE	6	33	31	FOBS=	111.4	SIGMA=	1.7	PHAS=	94.7	FOM=	0.68	TEST=	0
INDE	6	33	33	FOBS=	183.3	SIGMA=	1.1	PHAS=	-25.3	FOM=	0.79	TEST=	1
INDE	6	33	35	FOBS=	321.5	SIGMA=	0.8	PHAS=	-68.2	FOM=	0.96	TEST=	0
INDE	6	33	37	FOBS=	54.2	SIGMA=	3.6	PHAS=	-11.6	FOM=	0.76	TEST=	0
INDE	6	33	39	FOBS=	250.5	SIGMA=	0.9	PHAS=	-154.6	FOM=	0.97	TEST=	0
INDE	6	33	41	FOBS=	123.0	SIGMA=	1.6	PHAS=	-7.9	FOM=	0.85	TEST=	0
INDE	6	33	43	FOBS=	41.5	SIGMA=	4.4	PHAS=	64.5	FOM=	0.28	TEST=	0
INDE	6	33	45	FOBS=	45.7	SIGMA=	3.9	PHAS=	-169.3	FOM=	0.48	TEST=	0
INDE	6	33	47	FOBS=	50.0	SIGMA=	4.0	PHAS=	-117.7	FOM=	0.89	TEST=	0
INDE	6	33	49	FOBS=	39.5	SIGMA=	5.0	PHAS=	68.0	FOM=	0.18	TEST=	0
INDE	6	33	51	FOBS=	51.3	SIGMA=	2.9	PHAS=	28.8	FOM=	0.85	TEST=	0
INDE	6	33	53	FOBS=	94.6	SIGMA=	1.6	PHAS=	-71.2	FOM=	0.86	TEST=	0
INDE	6	33	55	FOBS=	153.4	SIGMA=	1.2	PHAS=	-109.5	FOM=	0.96	TEST=	0
INDE	6	33	57	FOBS=	30.9	SIGMA=	5.4	PHAS=	103.6	FOM=	0.48	TEST=	0
INDE	6	33	59	FOBS=	62.6	SIGMA=	2.8	PHAS=	2.8	FOM=	0.78	TEST=	0
INDE	6	33	61	FOBS=	40.3	SIGMA=	4.3	PHAS=	-158.9	FOM=	0.48	TEST=	0
INDE	6	33	63	FOBS=	66.0	SIGMA=	2.7	PHAS=	-61.5	FOM=	0.42	TEST=	0
INDE	6	33	65	FOBS=	16.3	SIGMA=	12.4	PHAS=	147.8	FOM=	0.24	TEST=	0
INDE	6	33	67	FOBS=	70.0	SIGMA=	5.3	PHAS=	44.8	FOM=	0.77	TEST=	0
INDE	6	33	69	FOBS=	89.1	SIGMA=	5.9	PHAS=	33.5	FOM=	0.89	TEST=	0
INDE	6	34	6	FOBS=	91.5	SIGMA=	1.2	PHAS=	127.3	FOM=	0.92	TEST=	0
INDE	6	34	8	FOBS=	374.5	SIGMA=	0.7	PHAS=	-124.7	FOM=	0.97	TEST=	0
INDE	6	34	10	FOBS=	240.5	SIGMA=	0.6	PHAS=	152.7	FOM=	0.99	TEST=	0
INDE	6	34	12	FOBS=	102.9	SIGMA=	1.2	PHAS=	131.3	FOM=	0.77	TEST=	1
INDE	6	34	14	FOBS=	206.4	SIGMA=	0.8	PHAS=	27.5	FOM=	0.98	TEST=	0
INDE	6	34	16	FOBS=	95.1	SIGMA=	1.4	PHAS=	4.0	FOM=	0.96	TEST=	0
INDE	6	34	18	FOBS=	277.1	SIGMA=	0.8	PHAS=	-84.0	FOM=	0.90	TEST=	0
INDE	6	34	20	FOBS=	220.9	SIGMA=	1.0	PHAS=	119.8	FOM=	0.93	TEST=	0
INDE	6	34	22	FOBS=	479.0	SIGMA=	0.7	PHAS=	170.7	FOM=	0.98	TEST=	0
INDE	6	34	24	FOBS=	228.8	SIGMA=	1.0	PHAS=	155.8	FOM=	0.98	TEST=	0
INDE	6	34	26	FOBS=	232.1	SIGMA=	1.0	PHAS=	-52.8	FOM=	0.92	TEST=	0

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INDE	6	34	28	FOBS=	47.2	SIGMA=	3.8	PHAS=	-94.0	FOM=	0.47	TEST=	0
INDE	6	34	30	FOBS=	126.1	SIGMA=	1.5	PHAS=	-68.0	FOM=	0.97	TEST=	0
INDE	6	34	32	FOBS=	142.4	SIGMA=	1.5	PHAS=	-8.2	FOM=	0.91	TEST=	0
INDE	6	34	34	FOBS=	130.2	SIGMA=	1.6	PHAS=	53.2	FOM=	0.68	TEST=	0
INDE	6	34	36	FOBS=	223.1	SIGMA=	1.0	PHAS=	-92.8	FOM=	0.91	TEST=	0
INDE	6	34	38	FOBS=	14.2	SIGMA=	14.8	PHAS=	171.6	FOM=	0.28	TEST=	0
INDE	6	34	40	FOBS=	129.2	SIGMA=	1.5	PHAS=	-135.4	FOM=	0.86	TEST=	0
INDE	6	34	42	FOBS=	123.6	SIGMA=	1.5	PHAS=	-133.5	FOM=	0.61	TEST=	0
INDE	6	34	44	FOBS=	32.4	SIGMA=	6.0	PHAS=	39.8	FOM=	0.45	TEST=	0
INDE	6	34	46	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	34	48	FOBS=	43.8	SIGMA=	4.0	PHAS=	155.1	FOM=	0.62	TEST=	0
INDE	6	34	50	FOBS=	163.8	SIGMA=	1.2	PHAS=	-131.1	FOM=	0.96	TEST=	0
INDE	6	34	52	FOBS=	80.4	SIGMA=	2.0	PHAS=	148.1	FOM=	0.72	TEST=	0
INDE	6	34	54	FOBS=	32.8	SIGMA=	5.4	PHAS=	164.8	FOM=	0.83	TEST=	0
INDE	6	34	56	FOBS=	95.3	SIGMA=	2.2	PHAS=	177.1	FOM=	0.92	TEST=	0
INDE	6	34	58	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	34	60	FOBS=	53.2	SIGMA=	3.3	PHAS=	-155.9	FOM=	0.22	TEST=	1
INDE	6	34	62	FOBS=	62.9	SIGMA=	2.8	PHAS=	-96.0	FOM=	0.61	TEST=	0
INDE	6	34	64	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	34	66	FOBS=	54.3	SIGMA=	4.3	PHAS=	3.9	FOM=	0.08	TEST=	1
INDE	6	34	68	FOBS=	48.9	SIGMA=	7.7	PHAS=	47.7	FOM=	0.08	TEST=	1
INDE	6	35	7	FOBS=	194.6	SIGMA=	0.6	PHAS=	75.2	FOM=	0.92	TEST=	0
INDE	6	35	9	FOBS=	159.5	SIGMA=	0.9	PHAS=	91.9	FOM=	0.89	TEST=	0
INDE	6	35	11	FOBS=	118.5	SIGMA=	1.1	PHAS=	36.5	FOM=	0.99	TEST=	0
INDE	6	35	13	FOBS=	132.8	SIGMA=	1.0	PHAS=	-72.2	FOM=	0.98	TEST=	0
INDE	6	35	15	FOBS=	262.6	SIGMA=	0.7	PHAS=	-40.9	FOM=	0.99	TEST=	0
INDE	6	35	17	FOBS=	92.3	SIGMA=	1.5	PHAS=	170.9	FOM=	0.67	TEST=	0
INDE	6	35	19	FOBS=	76.2	SIGMA=	2.0	PHAS=	-34.4	FOM=	0.92	TEST=	0
INDE	6	35	21	FOBS=	236.6	SIGMA=	1.0	PHAS=	80.5	FOM=	0.96	TEST=	0
INDE	6	35	23	FOBS=	446.9	SIGMA=	0.7	PHAS=	-13.3	FOM=	0.80	TEST=	1
INDE	6	35	25	FOBS=	370.9	SIGMA=	1.1	PHAS=	126.2	FOM=	0.98	TEST=	0
INDE	6	35	27	FOBS=	120.1	SIGMA=	1.9	PHAS=	151.1	FOM=	0.96	TEST=	0
INDE	6	35	29	FOBS=	69.0	SIGMA=	2.9	PHAS=	-125.2	FOM=	0.96	TEST=	0
INDE	6	35	31	FOBS=	88.3	SIGMA=	2.3	PHAS=	-145.4	FOM=	0.91	TEST=	0
INDE	6	35	33	FOBS=	111.7	SIGMA=	2.0	PHAS=	-86.6	FOM=	0.93	TEST=	0
INDE	6	35	35	FOBS=	305.1	SIGMA=	0.8	PHAS=	-123.0	FOM=	0.96	TEST=	1
INDE	6	35	37	FOBS=	247.6	SIGMA=	0.9	PHAS=	-54.4	FOM=	0.82	TEST=	1
INDE	6	35	39	FOBS=	101.2	SIGMA=	1.9	PHAS=	-161.1	FOM=	0.91	TEST=	0
INDE	6	35	41	FOBS=	105.7	SIGMA=	1.8	PHAS=	86.0	FOM=	0.41	TEST=	1
INDE	6	35	43	FOBS=	163.7	SIGMA=	1.2	PHAS=	-124.5	FOM=	0.93	TEST=	0
INDE	6	35	45	FOBS=	38.0	SIGMA=	5.8	PHAS=	-80.8	FOM=	0.14	TEST=	1
INDE	6	35	47	FOBS=	79.9	SIGMA=	2.2	PHAS=	-31.6	FOM=	0.87	TEST=	0
INDE	6	35	49	FOBS=	220.0	SIGMA=	0.9	PHAS=	127.3	FOM=	0.96	TEST=	0
INDE	6	35	51	FOBS=	140.7	SIGMA=	1.3	PHAS=	-76.8	FOM=	0.20	TEST=	1
INDE	6	35	53	FOBS=	95.9	SIGMA=	1.9	PHAS=	89.7	FOM=	0.86	TEST=	0
INDE	6	35	55	FOBS=	34.8	SIGMA=	5.1	PHAS=	79.4	FOM=	0.16	TEST=	0
INDE	6	35	57	FOBS=	40.7	SIGMA=	4.3	PHAS=	121.3	FOM=	0.74	TEST=	0
INDE	6	35	59	FOBS=	39.5	SIGMA=	4.5	PHAS=	48.4	FOM=	0.51	TEST=	0
INDE	6	35	61	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	35	63	FOBS=	15.4	SIGMA=	12.3	PHAS=	-118.8	FOM=	0.04	TEST=	0
INDE	6	35	65	FOBS=	89.1	SIGMA=	2.4	PHAS=	131.9	FOM=	0.94	TEST=	0
INDE	6	35	67	FOBS=	49.1	SIGMA=	6.3	PHAS=	49.2	FOM=	0.41	TEST=	0
INDE	6	35	69	FOBS=	0.0	SIGMA=	27.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	36	6	FOBS=	352.4	SIGMA=	0.8	PHAS=	123.8	FOM=	0.96	TEST=	0
INDE	6	36	8	FOBS=	343.3	SIGMA=	0.9	PHAS=	-115.5	FOM=	0.98	TEST=	0
INDE	6	36	10	FOBS=	245.1	SIGMA=	0.8	PHAS=	31.2	FOM=	0.97	TEST=	0
INDE	6	36	12	FOBS=	191.4	SIGMA=	0.8	PHAS=	-119.2	FOM=	0.97	TEST=	0
INDE	6	36	14	FOBS=	196.5	SIGMA=	0.9	PHAS=	134.3	FOM=	0.99	TEST=	0
INDE	6	36	16	FOBS=	175.1	SIGMA=	0.9	PHAS=	-29.6	FOM=	0.41	TEST=	0
INDE	6	36	18	FOBS=	84.4	SIGMA=	1.9	PHAS=	-160.0	FOM=	0.46	TEST=	0
INDE	6	36	20	FOBS=	225.8	SIGMA=	0.9	PHAS=	63.6	FOM=	0.97	TEST=	0
INDE	6	36	22	FOBS=	378.6	SIGMA=	0.8	PHAS=	99.1	FOM=	0.97	TEST=	0
INDE	6	36	24	FOBS=	475.1	SIGMA=	1.0	PHAS=	31.7	FOM=	0.98	TEST=	0
INDE	6	36	26	FOBS=	425.1	SIGMA=	0.8	PHAS=	18.3	FOM=	0.98	TEST=	0
INDE	6	36	28	FOBS=	165.9	SIGMA=	1.5	PHAS=	76.6	FOM=	0.94	TEST=	0
INDE	6	36	30	FOBS=	227.2	SIGMA=	1.0	PHAS=	-167.3	FOM=	0.99	TEST=	0
INDE	6	36	32	FOBS=	188.5	SIGMA=	1.2	PHAS=	34.0	FOM=	0.94	TEST=	0
INDE	6	36	34	FOBS=	85.4	SIGMA=	2.4	PHAS=	178.3	FOM=	0.94	TEST=	0
INDE	6	36	36	FOBS=	355.0	SIGMA=	0.9	PHAS=	104.0	FOM=	0.97	TEST=	0
INDE	6	36	38	FOBS=	236.6	SIGMA=	1.1	PHAS=	95.3	FOM=	0.94	TEST=	0

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INDE	6	36	40	FOBS=	80.4	SIGMA=	2.3	PHAS=	-160.6	FOM=	0.86	TEST=	0
INDE	6	36	42	FOBS=	107.7	SIGMA=	1.8	PHAS=	126.0	FOM=	0.58	TEST=	0
INDE	6	36	44	FOBS=	65.0	SIGMA=	2.8	PHAS=	112.9	FOM=	0.83	TEST=	0
INDE	6	36	46	FOBS=	76.8	SIGMA=	2.4	PHAS=	-5.4	FOM=	0.82	TEST=	0
INDE	6	36	48	FOBS=	81.6	SIGMA=	2.2	PHAS=	0.9	FOM=	0.90	TEST=	0
INDE	6	36	50	FOBS=	59.2	SIGMA=	2.7	PHAS=	-9.4	FOM=	0.75	TEST=	0
INDE	6	36	52	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	6	36	54	FOBS=	66.9	SIGMA=	2.7	PHAS=	-4.3	FOM=	0.78	TEST=	0
INDE	6	36	56	FOBS=	10.8	SIGMA=	18.7	PHAS=	88.1	FOM=	0.11	TEST=	0
INDE	6	36	58	FOBS=	0.0	SIGMA=	18.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	36	60	FOBS=	52.5	SIGMA=	3.4	PHAS=	46.3	FOM=	0.39	TEST=	0
INDE	6	36	62	FOBS=	48.9	SIGMA=	3.6	PHAS=	-116.7	FOM=	0.39	TEST=	0
INDE	6	36	64	FOBS=	25.3	SIGMA=	7.2	PHAS=	93.8	FOM=	0.41	TEST=	0
INDE	6	36	66	FOBS=	112.2	SIGMA=	2.2	PHAS=	50.8	FOM=	0.95	TEST=	0
INDE	6	36	68	FOBS=	0.0	SIGMA=	27.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	6	37	7	FOBS=	271.9	SIGMA=	0.6	PHAS=	125.4	FOM=	0.97	TEST=	0
INDE	6	37	9	FOBS=	354.3	SIGMA=	1.1	PHAS=	-128.2	FOM=	0.97	TEST=	0
INDE	6	37	11	FOBS=	219.7	SIGMA=	0.7	PHAS=	-60.7	FOM=	0.98	TEST=	0
INDE	6	37	13	FOBS=	83.8	SIGMA=	1.6	PHAS=	104.6	FOM=	0.94	TEST=	0
INDE	6	37	15	FOBS=	151.1	SIGMA=	1.0	PHAS=	-26.6	FOM=	0.73	TEST=	1
INDE	6	37	17	FOBS=	174.6	SIGMA=	1.0	PHAS=	-1.2	FOM=	0.86	TEST=	1
INDE	6	37	19	FOBS=	174.1	SIGMA=	1.1	PHAS=	-67.2	FOM=	0.94	TEST=	0
INDE	6	37	21	FOBS=	290.3	SIGMA=	1.1	PHAS=	-65.4	FOM=	0.97	TEST=	0
INDE	6	37	23	FOBS=	286.1	SIGMA=	1.0	PHAS=	-42.8	FOM=	0.97	TEST=	1
INDE	6	37	25	FOBS=	186.9	SIGMA=	1.3	PHAS=	-103.9	FOM=	0.94	TEST=	0
INDE	6	37	27	FOBS=	198.8	SIGMA=	1.3	PHAS=	-56.3	FOM=	0.94	TEST=	0
INDE	6	37	29	FOBS=	22.4	SIGMA=	10.0	PHAS=	-108.1	FOM=	0.07	TEST=	0
INDE	6	37	31	FOBS=	49.0	SIGMA=	4.5	PHAS=	96.2	FOM=	0.87	TEST=	0
INDE	6	37	33	FOBS=	23.0	SIGMA=	9.1	PHAS=	-127.6	FOM=	0.22	TEST=	0
INDE	6	37	35	FOBS=	78.0	SIGMA=	2.6	PHAS=	-87.2	FOM=	0.89	TEST=	0
INDE	6	37	37	FOBS=	104.5	SIGMA=	1.9	PHAS=	24.4	FOM=	0.79	TEST=	0
INDE	6	37	39	FOBS=	46.6	SIGMA=	4.0	PHAS=	77.2	FOM=	0.57	TEST=	0
INDE	6	37	41	FOBS=	80.2	SIGMA=	2.3	PHAS=	167.8	FOM=	0.65	TEST=	0
INDE	6	37	43	FOBS=	46.9	SIGMA=	3.9	PHAS=	-105.6	FOM=	0.36	TEST=	1
INDE	6	37	45	FOBS=	47.8	SIGMA=	3.8	PHAS=	-84.2	FOM=	0.65	TEST=	0
INDE	6	37	47	FOBS=	145.0	SIGMA=	1.3	PHAS=	-87.9	FOM=	0.96	TEST=	0
INDE	6	37	49	FOBS=	55.9	SIGMA=	3.3	PHAS=	108.9	FOM=	0.67	TEST=	0
INDE	6	37	51	FOBS=	33.4	SIGMA=	4.3	PHAS=	177.6	FOM=	0.07	TEST=	1
INDE	6	37	53	FOBS=	95.1	SIGMA=	2.0	PHAS=	110.8	FOM=	0.73	TEST=	0
INDE	6	37	55	FOBS=	81.2	SIGMA=	2.3	PHAS=	-95.8	FOM=	0.64	TEST=	0
INDE	6	37	57	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	37	59	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	37	61	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	37	63	FOBS=	78.2	SIGMA=	2.3	PHAS=	-5.2	FOM=	0.65	TEST=	0
INDE	6	37	65	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	6	37	67	FOBS=	27.0	SIGMA=	11.6	PHAS=	-4.7	FOM=	0.48	TEST=	0
INDE	6	38	6	FOBS=	53.3	SIGMA=	2.4	PHAS=	135.9	FOM=	0.77	TEST=	0
INDE	6	38	8	FOBS=	270.7	SIGMA=	0.6	PHAS=	152.0	FOM=	0.93	TEST=	1
INDE	6	38	10	FOBS=	275.0	SIGMA=	1.0	PHAS=	99.2	FOM=	0.96	TEST=	0
INDE	6	38	12	FOBS=	228.2	SIGMA=	0.7	PHAS=	-125.7	FOM=	0.98	TEST=	0
INDE	6	38	14	FOBS=	153.0	SIGMA=	1.0	PHAS=	56.7	FOM=	0.69	TEST=	0
INDE	6	38	16	FOBS=	50.3	SIGMA=	3.0	PHAS=	-139.6	FOM=	0.77	TEST=	0
INDE	6	38	18	FOBS=	204.9	SIGMA=	1.0	PHAS=	-169.1	FOM=	0.96	TEST=	0
INDE	6	38	20	FOBS=	187.5	SIGMA=	1.0	PHAS=	-165.0	FOM=	0.93	TEST=	0
INDE	6	38	22	FOBS=	165.8	SIGMA=	1.4	PHAS=	115.4	FOM=	0.95	TEST=	0
INDE	6	38	24	FOBS=	136.4	SIGMA=	1.8	PHAS=	158.6	FOM=	0.91	TEST=	0
INDE	6	38	26	FOBS=	107.1	SIGMA=	2.3	PHAS=	-133.0	FOM=	0.90	TEST=	0
INDE	6	38	28	FOBS=	143.1	SIGMA=	1.8	PHAS=	-142.7	FOM=	0.83	TEST=	0
INDE	6	38	30	FOBS=	83.3	SIGMA=	2.7	PHAS=	163.1	FOM=	0.73	TEST=	0
INDE	6	38	32	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	38	34	FOBS=	233.8	SIGMA=	1.0	PHAS=	-168.4	FOM=	0.87	TEST=	0
INDE	6	38	36	FOBS=	201.5	SIGMA=	1.1	PHAS=	-110.0	FOM=	0.12	TEST=	1
INDE	6	38	38	FOBS=	123.2	SIGMA=	1.6	PHAS=	67.4	FOM=	0.85	TEST=	0
INDE	6	38	40	FOBS=	135.6	SIGMA=	1.4	PHAS=	102.8	FOM=	0.84	TEST=	0
INDE	6	38	42	FOBS=	60.8	SIGMA=	3.0	PHAS=	98.9	FOM=	0.76	TEST=	0
INDE	6	38	44	FOBS=	40.9	SIGMA=	4.8	PHAS=	-105.5	FOM=	0.58	TEST=	0
INDE	6	38	46	FOBS=	13.3	SIGMA=	13.3	PHAS=	-167.8	FOM=	0.24	TEST=	0
INDE	6	38	48	FOBS=	81.4	SIGMA=	2.2	PHAS=	-92.2	FOM=	0.85	TEST=	0
INDE	6	38	50	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	6	38	52	FOBS=	122.3	SIGMA=	1.5	PHAS=	122.0	FOM=	0.87	TEST=	0

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INDE	6	38	54	FOBS=	69.9	SIGMA=	2.7	PHAS=	24.2	FOM=	0.82	TEST=	0
INDE	6	38	56	FOBS=	46.4	SIGMA=	3.9	PHAS=	137.3	FOM=	0.59	TEST=	0
INDE	6	38	58	FOBS=	15.8	SIGMA=	12.0	PHAS=	40.8	FOM=	0.16	TEST=	0
INDE	6	38	60	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	38	62	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	6	38	64	FOBS=	17.6	SIGMA=	14.8	PHAS=	-113.5	FOM=	0.40	TEST=	0
INDE	6	38	66	FOBS=	15.1	SIGMA=	18.1	PHAS=	64.8	FOM=	0.25	TEST=	0
INDE	6	39	7	FOBS=	361.8	SIGMA=	0.9	PHAS=	28.6	FOM=	0.99	TEST=	0
INDE	6	39	9	FOBS=	32.2	SIGMA=	4.1	PHAS=	82.6	FOM=	0.27	TEST=	0
INDE	6	39	11	FOBS=	186.7	SIGMA=	0.9	PHAS=	-127.2	FOM=	0.97	TEST=	0
INDE	6	39	13	FOBS=	162.0	SIGMA=	1.0	PHAS=	44.0	FOM=	0.97	TEST=	0
INDE	6	39	15	FOBS=	48.4	SIGMA=	3.1	PHAS=	16.9	FOM=	0.59	TEST=	0
INDE	6	39	17	FOBS=	122.3	SIGMA=	1.4	PHAS=	-13.5	FOM=	0.90	TEST=	0
INDE	6	39	19	FOBS=	174.5	SIGMA=	1.1	PHAS=	0.9	FOM=	0.84	TEST=	0
INDE	6	39	21	FOBS=	221.5	SIGMA=	0.9	PHAS=	-36.1	FOM=	0.89	TEST=	0
INDE	6	39	23	FOBS=	39.6	SIGMA=	6.0	PHAS=	83.9	FOM=	0.91	TEST=	1
INDE	6	39	25	FOBS=	314.4	SIGMA=	1.0	PHAS=	161.1	FOM=	0.96	TEST=	0
INDE	6	39	27	FOBS=	126.2	SIGMA=	2.1	PHAS=	39.1	FOM=	0.96	TEST=	1
INDE	6	39	29	FOBS=	143.6	SIGMA=	1.9	PHAS=	-173.1	FOM=	0.76	TEST=	0
INDE	6	39	31	FOBS=	109.3	SIGMA=	2.1	PHAS=	52.0	FOM=	0.55	TEST=	0
INDE	6	39	33	FOBS=	83.9	SIGMA=	2.4	PHAS=	-91.4	FOM=	0.91	TEST=	1
INDE	6	39	35	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	39	37	FOBS=	116.1	SIGMA=	1.7	PHAS=	-144.5	FOM=	0.93	TEST=	0
INDE	6	39	39	FOBS=	113.2	SIGMA=	1.7	PHAS=	-44.2	FOM=	0.92	TEST=	0
INDE	6	39	41	FOBS=	150.5	SIGMA=	1.3	PHAS=	-8.4	FOM=	0.95	TEST=	0
INDE	6	39	43	FOBS=	59.5	SIGMA=	3.1	PHAS=	-42.9	FOM=	0.59	TEST=	0
INDE	6	39	45	FOBS=	97.6	SIGMA=	1.9	PHAS=	-163.2	FOM=	0.86	TEST=	0
INDE	6	39	47	FOBS=	136.4	SIGMA=	1.4	PHAS=	-143.5	FOM=	0.96	TEST=	0
INDE	6	39	49	FOBS=	69.4	SIGMA=	2.6	PHAS=	-179.1	FOM=	0.66	TEST=	0
INDE	6	39	51	FOBS=	41.1	SIGMA=	3.6	PHAS=	-69.4	FOM=	0.14	TEST=	1
INDE	6	39	53	FOBS=	137.4	SIGMA=	1.3	PHAS=	14.2	FOM=	0.80	TEST=	0
INDE	6	39	55	FOBS=	27.9	SIGMA=	6.5	PHAS=	-106.9	FOM=	0.31	TEST=	0
INDE	6	39	57	FOBS=	39.4	SIGMA=	4.6	PHAS=	-31.8	FOM=	0.38	TEST=	0
INDE	6	39	59	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	39	61	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	39	63	FOBS=	41.3	SIGMA=	4.4	PHAS=	-33.6	FOM=	0.68	TEST=	0
INDE	6	39	65	FOBS=	21.7	SIGMA=	10.7	PHAS=	179.0	FOM=	0.60	TEST=	0
INDE	6	39	67	FOBS=	0.0	SIGMA=	28.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	40	6	FOBS=	162.8	SIGMA=	1.0	PHAS=	-112.4	FOM=	0.91	TEST=	0
INDE	6	40	8	FOBS=	27.4	SIGMA=	5.2	PHAS=	-80.8	FOM=	0.43	TEST=	0
INDE	6	40	10	FOBS=	332.6	SIGMA=	0.6	PHAS=	105.8	FOM=	0.97	TEST=	0
INDE	6	40	12	FOBS=	40.5	SIGMA=	3.9	PHAS=	87.8	FOM=	0.83	TEST=	0
INDE	6	40	14	FOBS=	304.5	SIGMA=	0.7	PHAS=	-41.3	FOM=	0.99	TEST=	0
INDE	6	40	16	FOBS=	57.4	SIGMA=	2.8	PHAS=	-23.4	FOM=	0.98	TEST=	0
INDE	6	40	18	FOBS=	182.4	SIGMA=	1.0	PHAS=	155.9	FOM=	0.66	TEST=	0
INDE	6	40	20	FOBS=	199.9	SIGMA=	1.1	PHAS=	-124.2	FOM=	0.73	TEST=	0
INDE	6	40	22	FOBS=	304.7	SIGMA=	0.9	PHAS=	81.6	FOM=	0.97	TEST=	0
INDE	6	40	24	FOBS=	237.9	SIGMA=	1.2	PHAS=	92.0	FOM=	0.97	TEST=	1
INDE	6	40	26	FOBS=	64.5	SIGMA=	4.0	PHAS=	24.0	FOM=	0.39	TEST=	0
INDE	6	40	28	FOBS=	91.6	SIGMA=	2.9	PHAS=	-87.0	FOM=	0.90	TEST=	0
INDE	6	40	30	FOBS=	81.5	SIGMA=	3.2	PHAS=	47.9	FOM=	0.93	TEST=	0
INDE	6	40	32	FOBS=	115.4	SIGMA=	2.0	PHAS=	-115.5	FOM=	0.92	TEST=	0
INDE	6	40	34	FOBS=	149.9	SIGMA=	1.4	PHAS=	147.6	FOM=	0.92	TEST=	0
INDE	6	40	36	FOBS=	130.1	SIGMA=	1.5	PHAS=	4.9	FOM=	0.95	TEST=	0
INDE	6	40	38	FOBS=	191.3	SIGMA=	1.1	PHAS=	146.2	FOM=	0.96	TEST=	0
INDE	6	40	40	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	6	40	42	FOBS=	46.6	SIGMA=	3.9	PHAS=	-91.1	FOM=	0.47	TEST=	0
INDE	6	40	44	FOBS=	56.4	SIGMA=	3.2	PHAS=	10.1	FOM=	0.55	TEST=	0
INDE	6	40	46	FOBS=	150.3	SIGMA=	1.3	PHAS=	83.5	FOM=	0.95	TEST=	0
INDE	6	40	48	FOBS=	55.9	SIGMA=	3.2	PHAS=	150.9	FOM=	0.70	TEST=	0
INDE	6	40	50	FOBS=	103.3	SIGMA=	1.6	PHAS=	22.3	FOM=	0.88	TEST=	0
INDE	6	40	52	FOBS=	80.1	SIGMA=	2.3	PHAS=	-102.6	FOM=	0.40	TEST=	1
INDE	6	40	54	FOBS=	28.2	SIGMA=	7.0	PHAS=	45.7	FOM=	0.62	TEST=	0
INDE	6	40	56	FOBS=	68.1	SIGMA=	2.7	PHAS=	91.3	FOM=	0.62	TEST=	1
INDE	6	40	58	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	40	60	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	40	62	FOBS=	29.1	SIGMA=	8.0	PHAS=	-96.0	FOM=	0.63	TEST=	0
INDE	6	40	64	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	40	66	FOBS=	72.6	SIGMA=	4.5	PHAS=	-31.1	FOM=	0.60	TEST=	0
INDE	6	41	7	FOBS=	165.9	SIGMA=	1.0	PHAS=	74.6	FOM=	0.98	TEST=	0

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INDE	6	41	9	FOBS=	239.2	SIGMA=	0.6	PHAS=	41.1	FOM=	0.96	TEST=	0
INDE	6	41	11	FOBS=	179.9	SIGMA=	1.1	PHAS=	-7.1	FOM=	0.71	TEST=	0
INDE	6	41	13	FOBS=	396.5	SIGMA=	0.7	PHAS=	-0.9	FOM=	0.77	TEST=	1
INDE	6	41	15	FOBS=	201.3	SIGMA=	0.9	PHAS=	-24.1	FOM=	0.56	TEST=	1
INDE	6	41	17	FOBS=	93.0	SIGMA=	1.9	PHAS=	-46.0	FOM=	0.79	TEST=	0
INDE	6	41	19	FOBS=	179.4	SIGMA=	1.2	PHAS=	3.1	FOM=	0.91	TEST=	0
INDE	6	41	21	FOBS=	295.5	SIGMA=	0.9	PHAS=	-11.7	FOM=	0.95	TEST=	0
INDE	6	41	23	FOBS=	283.6	SIGMA=	1.0	PHAS=	-24.0	FOM=	0.92	TEST=	1
INDE	6	41	25	FOBS=	34.6	SIGMA=	7.6	PHAS=	57.7	FOM=	0.29	TEST=	0
INDE	6	41	27	FOBS=	127.0	SIGMA=	2.2	PHAS=	175.1	FOM=	0.61	TEST=	0
INDE	6	41	29	FOBS=	82.9	SIGMA=	3.1	PHAS=	-80.1	FOM=	0.92	TEST=	0
INDE	6	41	31	FOBS=	182.6	SIGMA=	1.5	PHAS=	167.2	FOM=	0.69	TEST=	1
INDE	6	41	33	FOBS=	178.3	SIGMA=	1.3	PHAS=	-166.1	FOM=	0.93	TEST=	0
INDE	6	41	35	FOBS=	149.9	SIGMA=	1.4	PHAS=	-98.9	FOM=	0.91	TEST=	0
INDE	6	41	37	FOBS=	79.0	SIGMA=	2.5	PHAS=	80.3	FOM=	0.76	TEST=	0
INDE	6	41	39	FOBS=	124.9	SIGMA=	1.6	PHAS=	-141.2	FOM=	0.93	TEST=	0
INDE	6	41	41	FOBS=	10.9	SIGMA=	19.0	PHAS=	84.3	FOM=	0.10	TEST=	0
INDE	6	41	43	FOBS=	35.7	SIGMA=	5.1	PHAS=	-51.0	FOM=	0.52	TEST=	0
INDE	6	41	45	FOBS=	126.2	SIGMA=	1.5	PHAS=	-18.3	FOM=	0.92	TEST=	0
INDE	6	41	47	FOBS=	82.8	SIGMA=	2.2	PHAS=	42.9	FOM=	0.03	TEST=	1
INDE	6	41	49	FOBS=	64.1	SIGMA=	2.8	PHAS=	88.5	FOM=	0.17	TEST=	0
INDE	6	41	51	FOBS=	144.1	SIGMA=	1.3	PHAS=	-141.7	FOM=	0.90	TEST=	0
INDE	6	41	53	FOBS=	76.8	SIGMA=	2.3	PHAS=	-75.7	FOM=	0.80	TEST=	0
INDE	6	41	55	FOBS=	103.1	SIGMA=	1.7	PHAS=	-4.9	FOM=	0.91	TEST=	0
INDE	6	41	57	FOBS=	45.2	SIGMA=	4.1	PHAS=	-53.5	FOM=	0.76	TEST=	0
INDE	6	41	59	FOBS=	49.1	SIGMA=	4.4	PHAS=	-89.2	FOM=	0.74	TEST=	0
INDE	6	41	61	FOBS=	62.0	SIGMA=	3.0	PHAS=	112.3	FOM=	0.90	TEST=	0
INDE	6	41	63	FOBS=	66.1	SIGMA=	2.9	PHAS=	-154.1	FOM=	0.84	TEST=	0
INDE	6	41	65	FOBS=	83.0	SIGMA=	3.0	PHAS=	-100.6	FOM=	0.93	TEST=	0
INDE	6	42	6	FOBS=	141.7	SIGMA=	1.2	PHAS=	-126.7	FOM=	0.71	TEST=	0
INDE	6	42	8	FOBS=	495.3	SIGMA=	0.5	PHAS=	17.8	FOM=	0.57	TEST=	1
INDE	6	42	10	FOBS=	0.0	SIGMA=	16.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	42	12	FOBS=	248.5	SIGMA=	0.9	PHAS=	3.8	FOM=	0.77	TEST=	0
INDE	6	42	14	FOBS=	172.4	SIGMA=	1.1	PHAS=	-126.7	FOM=	0.57	TEST=	1
INDE	6	42	16	FOBS=	142.0	SIGMA=	1.3	PHAS=	-85.0	FOM=	0.85	TEST=	0
INDE	6	42	18	FOBS=	243.5	SIGMA=	1.0	PHAS=	-28.5	FOM=	0.96	TEST=	0
INDE	6	42	20	FOBS=	165.2	SIGMA=	1.6	PHAS=	-154.1	FOM=	0.92	TEST=	0
INDE	6	42	22	FOBS=	60.9	SIGMA=	3.3	PHAS=	-95.8	FOM=	0.76	TEST=	0
INDE	6	42	24	FOBS=	200.7	SIGMA=	1.1	PHAS=	-39.1	FOM=	0.92	TEST=	0
INDE	6	42	26	FOBS=	194.1	SIGMA=	1.5	PHAS=	-127.2	FOM=	0.93	TEST=	0
INDE	6	42	28	FOBS=	143.9	SIGMA=	1.9	PHAS=	-157.3	FOM=	0.90	TEST=	0
INDE	6	42	30	FOBS=	0.0	SIGMA=	27.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	42	32	FOBS=	110.4	SIGMA=	2.0	PHAS=	39.6	FOM=	0.90	TEST=	0
INDE	6	42	34	FOBS=	176.9	SIGMA=	1.2	PHAS=	105.6	FOM=	0.94	TEST=	0
INDE	6	42	36	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	42	38	FOBS=	38.9	SIGMA=	5.7	PHAS=	167.7	FOM=	0.73	TEST=	1
INDE	6	42	40	FOBS=	204.2	SIGMA=	1.0	PHAS=	-34.9	FOM=	0.80	TEST=	1
INDE	6	42	42	FOBS=	131.8	SIGMA=	1.5	PHAS=	130.8	FOM=	0.82	TEST=	0
INDE	6	42	44	FOBS=	149.7	SIGMA=	1.3	PHAS=	-72.2	FOM=	0.94	TEST=	0
INDE	6	42	46	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	42	48	FOBS=	47.8	SIGMA=	3.7	PHAS=	-108.1	FOM=	0.61	TEST=	0
INDE	6	42	50	FOBS=	138.6	SIGMA=	1.2	PHAS=	108.9	FOM=	0.96	TEST=	0
INDE	6	42	52	FOBS=	67.8	SIGMA=	2.6	PHAS=	154.8	FOM=	0.82	TEST=	0
INDE	6	42	54	FOBS=	17.3	SIGMA=	10.6	PHAS=	-94.6	FOM=	0.04	TEST=	1
INDE	6	42	56	FOBS=	58.5	SIGMA=	3.0	PHAS=	-126.6	FOM=	0.81	TEST=	0
INDE	6	42	58	FOBS=	96.3	SIGMA=	2.0	PHAS=	-139.7	FOM=	0.93	TEST=	0
INDE	6	42	60	FOBS=	40.9	SIGMA=	4.6	PHAS=	-57.4	FOM=	0.61	TEST=	0
INDE	6	42	62	FOBS=	42.1	SIGMA=	4.8	PHAS=	9.9	FOM=	0.49	TEST=	0
INDE	6	42	64	FOBS=	74.1	SIGMA=	3.0	PHAS=	145.4	FOM=	0.91	TEST=	0
INDE	6	43	7	FOBS=	304.6	SIGMA=	1.1	PHAS=	-130.1	FOM=	0.94	TEST=	0
INDE	6	43	9	FOBS=	354.2	SIGMA=	0.6	PHAS=	-76.8	FOM=	0.94	TEST=	0
INDE	6	43	11	FOBS=	60.9	SIGMA=	2.5	PHAS=	-90.9	FOM=	0.91	TEST=	0
INDE	6	43	13	FOBS=	141.1	SIGMA=	1.3	PHAS=	-9.8	FOM=	0.95	TEST=	0
INDE	6	43	15	FOBS=	186.7	SIGMA=	1.1	PHAS=	108.7	FOM=	0.89	TEST=	0
INDE	6	43	17	FOBS=	75.7	SIGMA=	2.9	PHAS=	-42.4	FOM=	0.63	TEST=	0
INDE	6	43	19	FOBS=	120.5	SIGMA=	1.7	PHAS=	87.8	FOM=	0.87	TEST=	0
INDE	6	43	21	FOBS=	99.5	SIGMA=	2.3	PHAS=	-156.2	FOM=	0.93	TEST=	0
INDE	6	43	23	FOBS=	271.0	SIGMA=	0.9	PHAS=	-172.7	FOM=	0.97	TEST=	0
INDE	6	43	25	FOBS=	150.4	SIGMA=	1.5	PHAS=	-148.7	FOM=	0.83	TEST=	0
INDE	6	43	27	FOBS=	47.7	SIGMA=	5.4	PHAS=	83.1	FOM=	0.64	TEST=	0

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INDE	6	43	29	FOBS=	164.7	SIGMA=	1.7	PHAS=	-153.5	FOM=	0.92	TEST=	0
INDE	6	43	31	FOBS=	52.9	SIGMA=	4.8	PHAS=	49.6	FOM=	0.50	TEST=	0
INDE	6	43	33	FOBS=	178.3	SIGMA=	1.3	PHAS=	-34.7	FOM=	0.93	TEST=	0
INDE	6	43	35	FOBS=	49.1	SIGMA=	3.8	PHAS=	-57.3	FOM=	0.59	TEST=	0
INDE	6	43	37	FOBS=	79.4	SIGMA=	2.4	PHAS=	-22.8	FOM=	0.83	TEST=	0
INDE	6	43	39	FOBS=	71.2	SIGMA=	2.7	PHAS=	-158.2	FOM=	0.87	TEST=	0
INDE	6	43	41	FOBS=	189.3	SIGMA=	1.1	PHAS=	170.5	FOM=	0.93	TEST=	0
INDE	6	43	43	FOBS=	40.8	SIGMA=	4.5	PHAS=	-42.6	FOM=	0.33	TEST=	0
INDE	6	43	45	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	43	47	FOBS=	34.4	SIGMA=	5.4	PHAS=	-69.8	FOM=	0.49	TEST=	0
INDE	6	43	49	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	43	51	FOBS=	54.0	SIGMA=	3.5	PHAS=	47.0	FOM=	0.79	TEST=	0
INDE	6	43	53	FOBS=	82.3	SIGMA=	2.2	PHAS=	-119.7	FOM=	0.85	TEST=	0
INDE	6	43	55	FOBS=	29.7	SIGMA=	6.0	PHAS=	72.6	FOM=	0.23	TEST=	0
INDE	6	43	57	FOBS=	75.3	SIGMA=	2.4	PHAS=	161.5	FOM=	0.88	TEST=	0
INDE	6	43	59	FOBS=	8.4	SIGMA=	23.6	PHAS=	-165.1	FOM=	0.30	TEST=	0
INDE	6	43	61	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	43	63	FOBS=	37.4	SIGMA=	6.0	PHAS=	113.8	FOM=	0.31	TEST=	0
INDE	6	44	6	FOBS=	95.2	SIGMA=	1.8	PHAS=	163.0	FOM=	0.83	TEST=	0
INDE	6	44	8	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	44	10	FOBS=	104.3	SIGMA=	1.4	PHAS=	-162.9	FOM=	0.90	TEST=	0
INDE	6	44	12	FOBS=	143.8	SIGMA=	1.0	PHAS=	-116.4	FOM=	0.86	TEST=	0
INDE	6	44	14	FOBS=	170.0	SIGMA=	1.2	PHAS=	-63.3	FOM=	0.76	TEST=	0
INDE	6	44	16	FOBS=	409.5	SIGMA=	0.8	PHAS=	-70.2	FOM=	0.98	TEST=	0
INDE	6	44	18	FOBS=	89.8	SIGMA=	2.3	PHAS=	-112.9	FOM=	0.80	TEST=	0
INDE	6	44	20	FOBS=	52.0	SIGMA=	4.3	PHAS=	67.6	FOM=	0.90	TEST=	0
INDE	6	44	22	FOBS=	151.6	SIGMA=	1.5	PHAS=	90.7	FOM=	0.97	TEST=	0
INDE	6	44	24	FOBS=	114.5	SIGMA=	1.9	PHAS=	154.6	FOM=	0.93	TEST=	0
INDE	6	44	26	FOBS=	173.1	SIGMA=	1.6	PHAS=	-106.6	FOM=	0.90	TEST=	0
INDE	6	44	28	FOBS=	110.4	SIGMA=	2.4	PHAS=	111.6	FOM=	0.84	TEST=	0
INDE	6	44	30	FOBS=	78.6	SIGMA=	3.2	PHAS=	43.0	FOM=	0.90	TEST=	0
INDE	6	44	32	FOBS=	67.5	SIGMA=	3.7	PHAS=	-51.5	FOM=	0.64	TEST=	0
INDE	6	44	34	FOBS=	73.1	SIGMA=	2.9	PHAS=	-104.4	FOM=	0.79	TEST=	1
INDE	6	44	36	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	44	38	FOBS=	39.7	SIGMA=	5.0	PHAS=	98.2	FOM=	0.76	TEST=	0
INDE	6	44	40	FOBS=	69.5	SIGMA=	2.7	PHAS=	117.8	FOM=	0.94	TEST=	0
INDE	6	44	42	FOBS=	136.1	SIGMA=	1.4	PHAS=	27.6	FOM=	0.96	TEST=	0
INDE	6	44	44	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	44	46	FOBS=	51.3	SIGMA=	3.5	PHAS=	-110.4	FOM=	0.81	TEST=	0
INDE	6	44	48	FOBS=	85.7	SIGMA=	2.1	PHAS=	7.2	FOM=	0.10	TEST=	1
INDE	6	44	50	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	44	52	FOBS=	63.4	SIGMA=	2.8	PHAS=	103.1	FOM=	0.81	TEST=	0
INDE	6	44	54	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	44	56	FOBS=	18.1	SIGMA=	10.8	PHAS=	-168.3	FOM=	0.21	TEST=	0
INDE	6	44	58	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	44	60	FOBS=	62.7	SIGMA=	3.0	PHAS=	78.1	FOM=	0.90	TEST=	0
INDE	6	44	62	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	6	45	7	FOBS=	98.7	SIGMA=	2.1	PHAS=	77.0	FOM=	0.51	TEST=	0
INDE	6	45	9	FOBS=	143.2	SIGMA=	1.2	PHAS=	-73.3	FOM=	0.86	TEST=	0
INDE	6	45	11	FOBS=	352.0	SIGMA=	0.7	PHAS=	-166.1	FOM=	0.98	TEST=	0
INDE	6	45	13	FOBS=	149.0	SIGMA=	1.0	PHAS=	108.6	FOM=	0.90	TEST=	0
INDE	6	45	15	FOBS=	114.7	SIGMA=	1.8	PHAS=	-74.4	FOM=	0.81	TEST=	0
INDE	6	45	17	FOBS=	230.4	SIGMA=	1.0	PHAS=	-170.7	FOM=	0.90	TEST=	1
INDE	6	45	19	FOBS=	228.5	SIGMA=	1.0	PHAS=	119.5	FOM=	0.96	TEST=	0
INDE	6	45	21	FOBS=	28.7	SIGMA=	8.1	PHAS=	102.5	FOM=	0.82	TEST=	1
INDE	6	45	23	FOBS=	194.3	SIGMA=	1.2	PHAS=	165.8	FOM=	0.98	TEST=	0
INDE	6	45	25	FOBS=	109.2	SIGMA=	1.9	PHAS=	59.6	FOM=	0.34	TEST=	1
INDE	6	45	27	FOBS=	106.3	SIGMA=	2.5	PHAS=	36.7	FOM=	0.79	TEST=	1
INDE	6	45	29	FOBS=	99.8	SIGMA=	2.6	PHAS=	-151.7	FOM=	0.88	TEST=	0
INDE	6	45	31	FOBS=	37.6	SIGMA=	6.6	PHAS=	-68.0	FOM=	0.34	TEST=	0
INDE	6	45	33	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	45	35	FOBS=	101.0	SIGMA=	2.1	PHAS=	-135.5	FOM=	0.86	TEST=	0
INDE	6	45	37	FOBS=	55.9	SIGMA=	3.4	PHAS=	-25.0	FOM=	0.95	TEST=	1
INDE	6	45	39	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	45	41	FOBS=	60.2	SIGMA=	3.1	PHAS=	-50.9	FOM=	0.91	TEST=	0
INDE	6	45	43	FOBS=	47.3	SIGMA=	3.9	PHAS=	22.8	FOM=	0.61	TEST=	0
INDE	6	45	45	FOBS=	75.3	SIGMA=	2.4	PHAS=	131.1	FOM=	0.42	TEST=	0
INDE	6	45	47	FOBS=	76.4	SIGMA=	2.4	PHAS=	-80.6	FOM=	0.71	TEST=	0
INDE	6	45	49	FOBS=	138.8	SIGMA=	1.4	PHAS=	-157.6	FOM=	0.96	TEST=	0
INDE	6	45	51	FOBS=	87.0	SIGMA=	2.1	PHAS=	12.2	FOM=	0.89	TEST=	0

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INDE	6	45	53	FOBS=	40.6	SIGMA=	4.3	PHAS=	-109.6	FOM=	0.54	TEST=	0
INDE	6	45	55	FOBS=	61.7	SIGMA=	2.9	PHAS=	151.8	FOM=	0.73	TEST=	0
INDE	6	45	57	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	45	59	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	45	61	FOBS=	68.6	SIGMA=	3.3	PHAS=	-31.0	FOM=	0.90	TEST=	0
INDE	6	45	63	FOBS=	44.6	SIGMA=	6.2	PHAS=	88.0	FOM=	0.55	TEST=	0
INDE	6	46	6	FOBS=	39.7	SIGMA=	5.4	PHAS=	-2.7	FOM=	0.85	TEST=	0
INDE	6	46	8	FOBS=	129.3	SIGMA=	2.1	PHAS=	-57.4	FOM=	0.91	TEST=	0
INDE	6	46	10	FOBS=	140.6	SIGMA=	1.4	PHAS=	122.0	FOM=	0.93	TEST=	0
INDE	6	46	12	FOBS=	129.1	SIGMA=	1.4	PHAS=	172.0	FOM=	0.89	TEST=	0
INDE	6	46	14	FOBS=	156.6	SIGMA=	1.4	PHAS=	-80.5	FOM=	0.94	TEST=	0
INDE	6	46	16	FOBS=	208.8	SIGMA=	1.1	PHAS=	-67.4	FOM=	0.96	TEST=	0
INDE	6	46	18	FOBS=	157.8	SIGMA=	1.4	PHAS=	108.7	FOM=	0.93	TEST=	0
INDE	6	46	20	FOBS=	48.6	SIGMA=	4.5	PHAS=	-114.6	FOM=	0.25	TEST=	0
INDE	6	46	22	FOBS=	84.1	SIGMA=	2.5	PHAS=	44.7	FOM=	0.93	TEST=	0
INDE	6	46	24	FOBS=	242.5	SIGMA=	1.0	PHAS=	-111.0	FOM=	0.88	TEST=	0
INDE	6	46	26	FOBS=	137.4	SIGMA=	1.6	PHAS=	-44.6	FOM=	0.81	TEST=	0
INDE	6	46	28	FOBS=	111.0	SIGMA=	2.4	PHAS=	46.0	FOM=	0.80	TEST=	0
INDE	6	46	30	FOBS=	67.2	SIGMA=	3.8	PHAS=	88.2	FOM=	0.83	TEST=	0
INDE	6	46	32	FOBS=	120.3	SIGMA=	2.1	PHAS=	-40.8	FOM=	0.90	TEST=	0
INDE	6	46	34	FOBS=	64.1	SIGMA=	3.5	PHAS=	-129.9	FOM=	0.77	TEST=	0
INDE	6	46	36	FOBS=	63.2	SIGMA=	3.3	PHAS=	33.1	FOM=	0.58	TEST=	0
INDE	6	46	38	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	46	40	FOBS=	97.8	SIGMA=	2.0	PHAS=	139.3	FOM=	0.92	TEST=	0
INDE	6	46	42	FOBS=	134.8	SIGMA=	1.5	PHAS=	-27.2	FOM=	0.83	TEST=	1
INDE	6	46	44	FOBS=	101.7	SIGMA=	1.8	PHAS=	-138.2	FOM=	0.85	TEST=	0
INDE	6	46	46	FOBS=	145.0	SIGMA=	1.3	PHAS=	-125.6	FOM=	0.96	TEST=	0
INDE	6	46	48	FOBS=	39.2	SIGMA=	4.6	PHAS=	138.8	FOM=	0.53	TEST=	0
INDE	6	46	50	FOBS=	55.9	SIGMA=	3.5	PHAS=	175.9	FOM=	0.67	TEST=	0
INDE	6	46	52	FOBS=	4.1	SIGMA=	46.0	PHAS=	-126.7	FOM=	0.08	TEST=	0
INDE	6	46	54	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	46	56	FOBS=	18.1	SIGMA=	11.9	PHAS=	60.0	FOM=	0.30	TEST=	0
INDE	6	46	58	FOBS=	53.8	SIGMA=	3.4	PHAS=	-22.2	FOM=	0.58	TEST=	0
INDE	6	46	60	FOBS=	44.8	SIGMA=	5.0	PHAS=	140.8	FOM=	0.32	TEST=	1
INDE	6	46	62	FOBS=	23.0	SIGMA=	12.5	PHAS=	-109.1	FOM=	0.40	TEST=	0
INDE	6	47	7	FOBS=	71.1	SIGMA=	3.8	PHAS=	144.7	FOM=	0.87	TEST=	0
INDE	6	47	9	FOBS=	176.7	SIGMA=	1.7	PHAS=	-60.2	FOM=	0.77	TEST=	1
INDE	6	47	11	FOBS=	290.6	SIGMA=	0.8	PHAS=	167.5	FOM=	0.96	TEST=	0
INDE	6	47	13	FOBS=	204.9	SIGMA=	0.9	PHAS=	95.4	FOM=	0.97	TEST=	0
INDE	6	47	15	FOBS=	104.4	SIGMA=	2.0	PHAS=	-65.9	FOM=	0.78	TEST=	0
INDE	6	47	17	FOBS=	125.7	SIGMA=	1.7	PHAS=	-106.5	FOM=	0.96	TEST=	0
INDE	6	47	19	FOBS=	413.6	SIGMA=	0.7	PHAS=	124.9	FOM=	0.98	TEST=	0
INDE	6	47	21	FOBS=	129.3	SIGMA=	1.8	PHAS=	159.8	FOM=	0.90	TEST=	0
INDE	6	47	23	FOBS=	68.7	SIGMA=	3.0	PHAS=	155.2	FOM=	0.55	TEST=	0
INDE	6	47	25	FOBS=	176.4	SIGMA=	1.3	PHAS=	55.3	FOM=	0.90	TEST=	0
INDE	6	47	27	FOBS=	55.1	SIGMA=	3.6	PHAS=	-36.5	FOM=	0.72	TEST=	0
INDE	6	47	29	FOBS=	40.5	SIGMA=	7.3	PHAS=	-0.2	FOM=	0.15	TEST=	0
INDE	6	47	31	FOBS=	75.3	SIGMA=	3.4	PHAS=	-166.5	FOM=	0.81	TEST=	0
INDE	6	47	33	FOBS=	250.4	SIGMA=	1.2	PHAS=	-134.1	FOM=	0.97	TEST=	0
INDE	6	47	35	FOBS=	36.4	SIGMA=	5.7	PHAS=	35.9	FOM=	0.31	TEST=	0
INDE	6	47	37	FOBS=	126.4	SIGMA=	1.6	PHAS=	9.5	FOM=	0.89	TEST=	0
INDE	6	47	39	FOBS=	27.6	SIGMA=	8.5	PHAS=	83.8	FOM=	0.20	TEST=	0
INDE	6	47	41	FOBS=	68.0	SIGMA=	2.8	PHAS=	69.3	FOM=	0.80	TEST=	0
INDE	6	47	43	FOBS=	45.3	SIGMA=	4.2	PHAS=	-79.7	FOM=	0.33	TEST=	0
INDE	6	47	45	FOBS=	70.9	SIGMA=	2.6	PHAS=	150.4	FOM=	0.87	TEST=	0
INDE	6	47	47	FOBS=	127.4	SIGMA=	1.5	PHAS=	-123.5	FOM=	0.79	TEST=	0
INDE	6	47	49	FOBS=	83.0	SIGMA=	2.4	PHAS=	168.2	FOM=	0.88	TEST=	0
INDE	6	47	51	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	6	47	53	FOBS=	44.7	SIGMA=	4.0	PHAS=	48.5	FOM=	0.22	TEST=	1
INDE	6	47	55	FOBS=	55.5	SIGMA=	3.2	PHAS=	44.2	FOM=	0.65	TEST=	0
INDE	6	47	57	FOBS=	52.5	SIGMA=	3.5	PHAS=	-100.6	FOM=	0.84	TEST=	0
INDE	6	47	59	FOBS=	74.3	SIGMA=	2.8	PHAS=	-62.0	FOM=	0.75	TEST=	0
INDE	6	47	61	FOBS=	80.0	SIGMA=	3.2	PHAS=	-33.1	FOM=	0.85	TEST=	0
INDE	6	48	6	FOBS=	107.3	SIGMA=	1.9	PHAS=	-166.8	FOM=	0.70	TEST=	0
INDE	6	48	8	FOBS=	54.1	SIGMA=	5.1	PHAS=	-29.4	FOM=	0.92	TEST=	0
INDE	6	48	10	FOBS=	139.4	SIGMA=	1.4	PHAS=	-86.9	FOM=	0.79	TEST=	0
INDE	6	48	12	FOBS=	98.4	SIGMA=	1.7	PHAS=	170.5	FOM=	0.90	TEST=	0
INDE	6	48	14	FOBS=	273.1	SIGMA=	0.7	PHAS=	17.6	FOM=	0.96	TEST=	0
INDE	6	48	16	FOBS=	189.4	SIGMA=	1.3	PHAS=	5.9	FOM=	0.91	TEST=	0
INDE	6	48	18	FOBS=	206.1	SIGMA=	1.1	PHAS=	58.5	FOM=	0.93	TEST=	0

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INDE	6	48	20	FOBS=	185.1	SIGMA=	1.2	PHAS=	69.7	FOM=	0.94	TEST=	0
INDE	6	48	22	FOBS=	162.8	SIGMA=	1.3	PHAS=	-95.7	FOM=	0.70	TEST=	0
INDE	6	48	24	FOBS=	81.6	SIGMA=	2.5	PHAS=	3.8	FOM=	0.35	TEST=	0
INDE	6	48	26	FOBS=	106.4	SIGMA=	2.0	PHAS=	-70.1	FOM=	0.79	TEST=	0
INDE	6	48	28	FOBS=	123.5	SIGMA=	1.7	PHAS=	49.4	FOM=	0.90	TEST=	0
INDE	6	48	30	FOBS=	141.3	SIGMA=	1.9	PHAS=	7.5	FOM=	0.95	TEST=	0
INDE	6	48	32	FOBS=	136.8	SIGMA=	1.9	PHAS=	160.5	FOM=	0.90	TEST=	0
INDE	6	48	34	FOBS=	219.0	SIGMA=	1.3	PHAS=	168.6	FOM=	0.97	TEST=	0
INDE	6	48	36	FOBS=	59.0	SIGMA=	3.5	PHAS=	51.5	FOM=	0.15	TEST=	1
INDE	6	48	38	FOBS=	34.3	SIGMA=	5.7	PHAS=	-117.3	FOM=	0.63	TEST=	1
INDE	6	48	40	FOBS=	84.3	SIGMA=	2.2	PHAS=	43.8	FOM=	0.87	TEST=	0
INDE	6	48	42	FOBS=	96.0	SIGMA=	2.0	PHAS=	-40.9	FOM=	0.85	TEST=	0
INDE	6	48	44	FOBS=	65.2	SIGMA=	2.8	PHAS=	-147.9	FOM=	0.49	TEST=	0
INDE	6	48	46	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	48	48	FOBS=	69.6	SIGMA=	2.6	PHAS=	126.6	FOM=	0.88	TEST=	0
INDE	6	48	50	FOBS=	100.4	SIGMA=	2.0	PHAS=	27.8	FOM=	0.83	TEST=	0
INDE	6	48	52	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	48	54	FOBS=	15.7	SIGMA=	15.7	PHAS=	-71.1	FOM=	0.16	TEST=	0
INDE	6	48	56	FOBS=	22.0	SIGMA=	10.0	PHAS=	-166.6	FOM=	0.31	TEST=	0
INDE	6	48	58	FOBS=	72.5	SIGMA=	2.7	PHAS=	-160.7	FOM=	0.77	TEST=	0
INDE	6	48	60	FOBS=	48.3	SIGMA=	4.8	PHAS=	-95.8	FOM=	0.68	TEST=	0
INDE	6	49	7	FOBS=	187.3	SIGMA=	1.6	PHAS=	112.3	FOM=	0.86	TEST=	0
INDE	6	49	9	FOBS=	117.2	SIGMA=	2.4	PHAS=	143.1	FOM=	0.69	TEST=	0
INDE	6	49	11	FOBS=	289.4	SIGMA=	0.9	PHAS=	174.7	FOM=	0.97	TEST=	0
INDE	6	49	13	FOBS=	183.1	SIGMA=	1.0	PHAS=	-54.0	FOM=	0.93	TEST=	0
INDE	6	49	15	FOBS=	291.7	SIGMA=	0.6	PHAS=	-28.6	FOM=	0.97	TEST=	0
INDE	6	49	17	FOBS=	243.5	SIGMA=	0.9	PHAS=	-63.1	FOM=	0.95	TEST=	0
INDE	6	49	19	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	49	21	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	49	23	FOBS=	276.5	SIGMA=	0.9	PHAS=	94.9	FOM=	0.97	TEST=	0
INDE	6	49	25	FOBS=	39.2	SIGMA=	5.2	PHAS=	-3.7	FOM=	0.41	TEST=	0
INDE	6	49	27	FOBS=	31.2	SIGMA=	6.4	PHAS=	-133.3	FOM=	0.28	TEST=	0
INDE	6	49	29	FOBS=	62.8	SIGMA=	3.2	PHAS=	-13.6	FOM=	0.73	TEST=	1
INDE	6	49	31	FOBS=	17.3	SIGMA=	17.2	PHAS=	139.2	FOM=	0.03	TEST=	0
INDE	6	49	33	FOBS=	129.6	SIGMA=	2.0	PHAS=	-166.1	FOM=	0.89	TEST=	0
INDE	6	49	35	FOBS=	114.7	SIGMA=	2.2	PHAS=	41.9	FOM=	0.89	TEST=	0
INDE	6	49	37	FOBS=	105.6	SIGMA=	2.0	PHAS=	104.4	FOM=	0.87	TEST=	0
INDE	6	49	39	FOBS=	84.1	SIGMA=	2.2	PHAS=	48.0	FOM=	0.91	TEST=	0
INDE	6	49	41	FOBS=	64.6	SIGMA=	2.8	PHAS=	-62.4	FOM=	0.80	TEST=	0
INDE	6	49	43	FOBS=	89.8	SIGMA=	2.1	PHAS=	-116.1	FOM=	0.55	TEST=	1
INDE	6	49	45	FOBS=	67.3	SIGMA=	2.7	PHAS=	168.7	FOM=	0.47	TEST=	0
INDE	6	49	47	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	49	49	FOBS=	67.2	SIGMA=	3.0	PHAS=	-22.7	FOM=	0.90	TEST=	0
INDE	6	49	51	FOBS=	31.0	SIGMA=	6.2	PHAS=	165.0	FOM=	0.08	TEST=	1
INDE	6	49	53	FOBS=	94.5	SIGMA=	2.0	PHAS=	-27.1	FOM=	0.13	TEST=	1
INDE	6	49	55	FOBS=	59.8	SIGMA=	3.1	PHAS=	61.1	FOM=	0.83	TEST=	0
INDE	6	49	57	FOBS=	54.3	SIGMA=	4.1	PHAS=	-109.8	FOM=	0.06	TEST=	1
INDE	6	49	59	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	50	6	FOBS=	133.6	SIGMA=	1.5	PHAS=	-130.1	FOM=	0.91	TEST=	0
INDE	6	50	8	FOBS=	216.8	SIGMA=	1.4	PHAS=	38.6	FOM=	0.95	TEST=	0
INDE	6	50	10	FOBS=	42.0	SIGMA=	6.5	PHAS=	16.4	FOM=	0.34	TEST=	1
INDE	6	50	12	FOBS=	111.8	SIGMA=	1.5	PHAS=	-155.4	FOM=	0.88	TEST=	0
INDE	6	50	14	FOBS=	105.3	SIGMA=	1.5	PHAS=	-82.2	FOM=	0.84	TEST=	0
INDE	6	50	16	FOBS=	156.1	SIGMA=	1.1	PHAS=	-174.2	FOM=	0.89	TEST=	0
INDE	6	50	18	FOBS=	145.6	SIGMA=	1.4	PHAS=	151.2	FOM=	0.60	TEST=	1
INDE	6	50	20	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	50	22	FOBS=	122.1	SIGMA=	1.7	PHAS=	-19.5	FOM=	0.93	TEST=	0
INDE	6	50	24	FOBS=	155.1	SIGMA=	1.4	PHAS=	9.6	FOM=	0.94	TEST=	0
INDE	6	50	26	FOBS=	85.8	SIGMA=	2.4	PHAS=	44.9	FOM=	0.83	TEST=	0
INDE	6	50	28	FOBS=	58.7	SIGMA=	3.4	PHAS=	29.8	FOM=	0.38	TEST=	0
INDE	6	50	30	FOBS=	78.5	SIGMA=	2.6	PHAS=	-5.9	FOM=	0.83	TEST=	1
INDE	6	50	32	FOBS=	152.7	SIGMA=	1.7	PHAS=	140.6	FOM=	0.79	TEST=	1
INDE	6	50	34	FOBS=	109.0	SIGMA=	2.3	PHAS=	-137.5	FOM=	0.94	TEST=	0
INDE	6	50	36	FOBS=	143.7	SIGMA=	1.6	PHAS=	-1.1	FOM=	0.93	TEST=	0
INDE	6	50	38	FOBS=	136.6	SIGMA=	1.6	PHAS=	-25.1	FOM=	0.91	TEST=	0
INDE	6	50	40	FOBS=	63.0	SIGMA=	2.9	PHAS=	-26.1	FOM=	0.86	TEST=	0
INDE	6	50	42	FOBS=	41.7	SIGMA=	4.4	PHAS=	-177.3	FOM=	0.42	TEST=	0
INDE	6	50	44	FOBS=	31.2	SIGMA=	5.8	PHAS=	-159.1	FOM=	0.29	TEST=	0
INDE	6	50	46	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	50	48	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	6	50	50	FOBS=	49.9	SIGMA=	3.7	PHAS=	-116.7	FOM=	0.58	TEST=	0
INDE	6	50	52	FOBS=	89.2	SIGMA=	2.1	PHAS=	-47.6	FOM=	0.91	TEST=	0
INDE	6	50	54	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	50	56	FOBS=	46.5	SIGMA=	4.3	PHAS=	-98.2	FOM=	0.45	TEST=	0
INDE	6	50	58	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	51	7	FOBS=	180.2	SIGMA=	1.7	PHAS=	172.4	FOM=	0.88	TEST=	0
INDE	6	51	9	FOBS=	64.7	SIGMA=	4.2	PHAS=	-5.8	FOM=	0.89	TEST=	0
INDE	6	51	11	FOBS=	122.6	SIGMA=	2.3	PHAS=	179.0	FOM=	0.64	TEST=	0
INDE	6	51	13	FOBS=	0.0	SIGMA=	17.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	51	15	FOBS=	86.1	SIGMA=	1.7	PHAS=	15.1	FOM=	0.55	TEST=	0
INDE	6	51	17	FOBS=	47.2	SIGMA=	3.2	PHAS=	28.5	FOM=	0.82	TEST=	0
INDE	6	51	19	FOBS=	149.4	SIGMA=	1.4	PHAS=	41.7	FOM=	0.92	TEST=	0
INDE	6	51	21	FOBS=	80.7	SIGMA=	2.4	PHAS=	-158.4	FOM=	0.71	TEST=	0
INDE	6	51	23	FOBS=	157.1	SIGMA=	1.4	PHAS=	153.3	FOM=	0.07	TEST=	1
INDE	6	51	25	FOBS=	108.2	SIGMA=	1.9	PHAS=	-96.2	FOM=	0.76	TEST=	0
INDE	6	51	27	FOBS=	60.3	SIGMA=	3.4	PHAS=	22.0	FOM=	0.21	TEST=	0
INDE	6	51	29	FOBS=	40.3	SIGMA=	5.4	PHAS=	171.8	FOM=	0.47	TEST=	0
INDE	6	51	31	FOBS=	76.1	SIGMA=	2.6	PHAS=	-19.7	FOM=	0.86	TEST=	0
INDE	6	51	33	FOBS=	202.9	SIGMA=	1.4	PHAS=	111.9	FOM=	0.95	TEST=	0
INDE	6	51	35	FOBS=	22.3	SIGMA=	10.8	PHAS=	125.4	FOM=	0.49	TEST=	0
INDE	6	51	37	FOBS=	29.1	SIGMA=	7.0	PHAS=	-39.4	FOM=	0.01	TEST=	1
INDE	6	51	39	FOBS=	25.9	SIGMA=	8.0	PHAS=	-31.8	FOM=	0.30	TEST=	0
INDE	6	51	41	FOBS=	102.5	SIGMA=	1.8	PHAS=	-80.0	FOM=	0.89	TEST=	0
INDE	6	51	43	FOBS=	113.2	SIGMA=	1.7	PHAS=	-141.4	FOM=	0.30	TEST=	1
INDE	6	51	45	FOBS=	24.0	SIGMA=	8.3	PHAS=	50.1	FOM=	0.32	TEST=	0
INDE	6	51	47	FOBS=	53.3	SIGMA=	3.4	PHAS=	100.3	FOM=	0.35	TEST=	1
INDE	6	51	49	FOBS=	73.2	SIGMA=	2.8	PHAS=	-20.1	FOM=	0.63	TEST=	0
INDE	6	51	51	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	51	53	FOBS=	35.8	SIGMA=	5.2	PHAS=	-28.5	FOM=	0.17	TEST=	0
INDE	6	51	55	FOBS=	40.2	SIGMA=	4.7	PHAS=	-40.0	FOM=	0.16	TEST=	0
INDE	6	51	57	FOBS=	65.3	SIGMA=	3.9	PHAS=	164.9	FOM=	0.78	TEST=	0
INDE	6	52	6	FOBS=	240.4	SIGMA=	1.3	PHAS=	169.2	FOM=	0.93	TEST=	0
INDE	6	52	8	FOBS=	159.1	SIGMA=	1.8	PHAS=	15.4	FOM=	0.89	TEST=	0
INDE	6	52	10	FOBS=	0.0	SIGMA=	24.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	52	12	FOBS=	129.5	SIGMA=	1.3	PHAS=	10.3	FOM=	0.19	TEST=	1
INDE	6	52	14	FOBS=	125.5	SIGMA=	1.4	PHAS=	-31.1	FOM=	0.95	TEST=	0
INDE	6	52	16	FOBS=	152.6	SIGMA=	1.0	PHAS=	-172.3	FOM=	0.90	TEST=	0
INDE	6	52	18	FOBS=	110.3	SIGMA=	1.5	PHAS=	-87.3	FOM=	0.98	TEST=	0
INDE	6	52	20	FOBS=	101.6	SIGMA=	2.0	PHAS=	-81.5	FOM=	0.82	TEST=	0
INDE	6	52	22	FOBS=	192.2	SIGMA=	1.1	PHAS=	39.3	FOM=	0.94	TEST=	0
INDE	6	52	24	FOBS=	63.3	SIGMA=	3.1	PHAS=	-156.7	FOM=	0.68	TEST=	0
INDE	6	52	26	FOBS=	97.0	SIGMA=	2.1	PHAS=	66.4	FOM=	0.83	TEST=	0
INDE	6	52	28	FOBS=	61.3	SIGMA=	3.3	PHAS=	65.3	FOM=	0.86	TEST=	0
INDE	6	52	30	FOBS=	83.7	SIGMA=	2.4	PHAS=	-133.1	FOM=	0.87	TEST=	0
INDE	6	52	32	FOBS=	42.4	SIGMA=	5.1	PHAS=	-15.9	FOM=	0.19	TEST=	0
INDE	6	52	34	FOBS=	59.9	SIGMA=	4.1	PHAS=	-47.4	FOM=	0.79	TEST=	0
INDE	6	52	36	FOBS=	66.3	SIGMA=	3.6	PHAS=	-54.0	FOM=	0.80	TEST=	0
INDE	6	52	38	FOBS=	69.7	SIGMA=	3.0	PHAS=	-117.6	FOM=	0.54	TEST=	0
INDE	6	52	40	FOBS=	29.7	SIGMA=	6.4	PHAS=	-162.4	FOM=	0.30	TEST=	0
INDE	6	52	42	FOBS=	49.6	SIGMA=	3.7	PHAS=	-167.9	FOM=	0.37	TEST=	0
INDE	6	52	44	FOBS=	21.4	SIGMA=	9.2	PHAS=	178.9	FOM=	0.09	TEST=	0
INDE	6	52	46	FOBS=	62.0	SIGMA=	3.0	PHAS=	3.4	FOM=	0.87	TEST=	0
INDE	6	52	48	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	52	50	FOBS=	39.4	SIGMA=	5.0	PHAS=	-93.5	FOM=	0.67	TEST=	0
INDE	6	52	52	FOBS=	36.8	SIGMA=	5.0	PHAS=	52.1	FOM=	0.32	TEST=	0
INDE	6	52	54	FOBS=	118.8	SIGMA=	1.7	PHAS=	-170.7	FOM=	0.96	TEST=	0
INDE	6	52	56	FOBS=	94.4	SIGMA=	2.3	PHAS=	-51.8	FOM=	0.90	TEST=	0
INDE	6	53	7	FOBS=	110.7	SIGMA=	2.5	PHAS=	153.0	FOM=	0.75	TEST=	0
INDE	6	53	9	FOBS=	102.7	SIGMA=	2.7	PHAS=	0.0	FOM=	0.79	TEST=	0
INDE	6	53	11	FOBS=	65.5	SIGMA=	4.1	PHAS=	130.6	FOM=	0.84	TEST=	0
INDE	6	53	13	FOBS=	173.4	SIGMA=	1.2	PHAS=	-83.2	FOM=	0.90	TEST=	0
INDE	6	53	15	FOBS=	130.6	SIGMA=	1.3	PHAS=	13.6	FOM=	0.85	TEST=	0
INDE	6	53	17	FOBS=	107.9	SIGMA=	1.4	PHAS=	144.0	FOM=	0.94	TEST=	0
INDE	6	53	19	FOBS=	114.4	SIGMA=	1.7	PHAS=	-93.1	FOM=	0.56	TEST=	0
INDE	6	53	21	FOBS=	215.1	SIGMA=	1.0	PHAS=	-151.2	FOM=	0.82	TEST=	0
INDE	6	53	23	FOBS=	65.4	SIGMA=	3.0	PHAS=	-46.7	FOM=	0.49	TEST=	0
INDE	6	53	25	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	53	27	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	53	29	FOBS=	44.0	SIGMA=	4.5	PHAS=	41.3	FOM=	0.57	TEST=	0
INDE	6	53	31	FOBS=	56.2	SIGMA=	3.5	PHAS=	-61.8	FOM=	0.29	TEST=	1

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INDE	6	53	33	FOBS=	189.3	SIGMA=	1.4	PHAS=	-131.4	FOM=	0.96	TEST=	0
INDE	6	53	35	FOBS=	54.2	SIGMA=	4.5	PHAS=	144.3	FOM=	0.84	TEST=	0
INDE	6	53	37	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	53	39	FOBS=	65.5	SIGMA=	3.1	PHAS=	-86.0	FOM=	0.36	TEST=	0
INDE	6	53	41	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	53	43	FOBS=	68.5	SIGMA=	2.7	PHAS=	-172.5	FOM=	0.88	TEST=	0
INDE	6	53	45	FOBS=	42.9	SIGMA=	4.3	PHAS=	-15.0	FOM=	0.73	TEST=	0
INDE	6	53	47	FOBS=	31.8	SIGMA=	6.8	PHAS=	-134.8	FOM=	0.01	TEST=	1
INDE	6	53	49	FOBS=	0.0	SIGMA=	22.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	53	51	FOBS=	52.9	SIGMA=	3.6	PHAS=	84.3	FOM=	0.72	TEST=	0
INDE	6	53	53	FOBS=	83.3	SIGMA=	2.3	PHAS=	57.9	FOM=	0.94	TEST=	0
INDE	6	53	55	FOBS=	39.9	SIGMA=	7.6	PHAS=	143.4	FOM=	0.83	TEST=	0
INDE	6	54	6	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	54	8	FOBS=	78.3	SIGMA=	3.4	PHAS=	133.9	FOM=	0.09	TEST=	1
INDE	6	54	10	FOBS=	58.9	SIGMA=	4.4	PHAS=	24.0	FOM=	0.63	TEST=	0
INDE	6	54	12	FOBS=	103.9	SIGMA=	2.6	PHAS=	102.6	FOM=	0.47	TEST=	0
INDE	6	54	14	FOBS=	232.5	SIGMA=	1.0	PHAS=	-109.1	FOM=	0.97	TEST=	0
INDE	6	54	16	FOBS=	88.5	SIGMA=	1.6	PHAS=	-152.9	FOM=	0.92	TEST=	0
INDE	6	54	18	FOBS=	91.8	SIGMA=	1.7	PHAS=	74.4	FOM=	0.83	TEST=	1
INDE	6	54	20	FOBS=	167.8	SIGMA=	1.3	PHAS=	93.0	FOM=	0.92	TEST=	0
INDE	6	54	22	FOBS=	111.7	SIGMA=	1.9	PHAS=	94.2	FOM=	0.91	TEST=	0
INDE	6	54	24	FOBS=	63.2	SIGMA=	3.1	PHAS=	-70.9	FOM=	0.68	TEST=	0
INDE	6	54	26	FOBS=	21.8	SIGMA=	9.1	PHAS=	106.1	FOM=	0.67	TEST=	0
INDE	6	54	28	FOBS=	70.2	SIGMA=	2.9	PHAS=	-173.1	FOM=	0.76	TEST=	0
INDE	6	54	30	FOBS=	112.0	SIGMA=	1.8	PHAS=	-88.0	FOM=	0.74	TEST=	0
INDE	6	54	32	FOBS=	140.4	SIGMA=	1.5	PHAS=	154.7	FOM=	0.90	TEST=	0
INDE	6	54	34	FOBS=	75.8	SIGMA=	3.2	PHAS=	178.1	FOM=	0.63	TEST=	0
INDE	6	54	36	FOBS=	103.2	SIGMA=	2.4	PHAS=	-25.0	FOM=	0.86	TEST=	0
INDE	6	54	38	FOBS=	83.8	SIGMA=	2.7	PHAS=	-125.1	FOM=	0.88	TEST=	0
INDE	6	54	40	FOBS=	60.2	SIGMA=	3.4	PHAS=	-132.1	FOM=	0.59	TEST=	0
INDE	6	54	42	FOBS=	23.3	SIGMA=	8.9	PHAS=	-85.4	FOM=	0.26	TEST=	0
INDE	6	54	44	FOBS=	59.6	SIGMA=	3.1	PHAS=	119.6	FOM=	0.88	TEST=	0
INDE	6	54	46	FOBS=	48.9	SIGMA=	4.0	PHAS=	15.0	FOM=	0.77	TEST=	0
INDE	6	54	48	FOBS=	79.1	SIGMA=	2.6	PHAS=	19.4	FOM=	0.89	TEST=	0
INDE	6	54	50	FOBS=	39.9	SIGMA=	5.1	PHAS=	-65.8	FOM=	0.56	TEST=	0
INDE	6	54	52	FOBS=	34.1	SIGMA=	8.2	PHAS=	-36.2	FOM=	0.40	TEST=	0
INDE	6	54	54	FOBS=	28.8	SIGMA=	9.1	PHAS=	174.9	FOM=	0.47	TEST=	0
INDE	6	55	7	FOBS=	101.6	SIGMA=	2.7	PHAS=	54.3	FOM=	0.85	TEST=	0
INDE	6	55	9	FOBS=	0.0	SIGMA=	22.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	55	11	FOBS=	0.0	SIGMA=	27.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	55	13	FOBS=	63.1	SIGMA=	2.4	PHAS=	30.2	FOM=	0.02	TEST=	0
INDE	6	55	15	FOBS=	105.8	SIGMA=	1.7	PHAS=	165.3	FOM=	0.93	TEST=	0
INDE	6	55	17	FOBS=	109.6	SIGMA=	1.4	PHAS=	-162.0	FOM=	0.94	TEST=	0
INDE	6	55	19	FOBS=	178.7	SIGMA=	0.9	PHAS=	-32.0	FOM=	0.95	TEST=	0
INDE	6	55	21	FOBS=	63.6	SIGMA=	3.0	PHAS=	40.9	FOM=	0.75	TEST=	0
INDE	6	55	23	FOBS=	69.2	SIGMA=	2.8	PHAS=	-11.1	FOM=	0.45	TEST=	1
INDE	6	55	25	FOBS=	73.3	SIGMA=	2.7	PHAS=	75.2	FOM=	0.72	TEST=	0
INDE	6	55	27	FOBS=	54.8	SIGMA=	3.6	PHAS=	178.8	FOM=	0.73	TEST=	0
INDE	6	55	29	FOBS=	53.8	SIGMA=	3.7	PHAS=	66.0	FOM=	0.82	TEST=	0
INDE	6	55	31	FOBS=	52.9	SIGMA=	3.8	PHAS=	-72.3	FOM=	0.50	TEST=	0
INDE	6	55	33	FOBS=	69.6	SIGMA=	2.9	PHAS=	50.9	FOM=	0.69	TEST=	0
INDE	6	55	35	FOBS=	53.0	SIGMA=	4.5	PHAS=	6.5	FOM=	0.66	TEST=	0
INDE	6	55	37	FOBS=	28.8	SIGMA=	9.1	PHAS=	79.5	FOM=	0.07	TEST=	1
INDE	6	55	39	FOBS=	81.1	SIGMA=	2.6	PHAS=	-176.7	FOM=	0.88	TEST=	0
INDE	6	55	41	FOBS=	93.0	SIGMA=	2.0	PHAS=	168.1	FOM=	0.89	TEST=	0
INDE	6	55	43	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	55	45	FOBS=	119.7	SIGMA=	1.6	PHAS=	-19.4	FOM=	0.94	TEST=	0
INDE	6	55	47	FOBS=	80.2	SIGMA=	2.9	PHAS=	-36.8	FOM=	0.83	TEST=	0
INDE	6	55	49	FOBS=	24.7	SIGMA=	8.9	PHAS=	-51.8	FOM=	0.23	TEST=	0
INDE	6	55	51	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	6	55	53	FOBS=	50.0	SIGMA=	6.0	PHAS=	137.5	FOM=	0.71	TEST=	0
INDE	6	56	6	FOBS=	149.5	SIGMA=	1.8	PHAS=	-47.5	FOM=	0.84	TEST=	0
INDE	6	56	8	FOBS=	114.2	SIGMA=	2.4	PHAS=	-111.6	FOM=	0.77	TEST=	1
INDE	6	56	10	FOBS=	40.9	SIGMA=	6.5	PHAS=	22.0	FOM=	0.47	TEST=	0
INDE	6	56	12	FOBS=	53.5	SIGMA=	4.8	PHAS=	158.3	FOM=	0.72	TEST=	0
INDE	6	56	14	FOBS=	135.9	SIGMA=	1.2	PHAS=	-108.5	FOM=	0.95	TEST=	0
INDE	6	56	16	FOBS=	75.5	SIGMA=	2.2	PHAS=	54.7	FOM=	0.81	TEST=	0
INDE	6	56	18	FOBS=	131.2	SIGMA=	1.2	PHAS=	135.2	FOM=	0.94	TEST=	0
INDE	6	56	20	FOBS=	62.7	SIGMA=	2.4	PHAS=	125.5	FOM=	0.29	TEST=	0
INDE	6	56	22	FOBS=	2.8	SIGMA=	71.2	PHAS=	0.0	FOM=	0.00	TEST=	1

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INDE	6	56	24	FOBS=	48.3	SIGMA=	4.0	PHAS=	-11.3	FOM=	0.71	TEST=	0
INDE	6	56	26	FOBS=	75.8	SIGMA=	2.6	PHAS=	-28.0	FOM=	0.73	TEST=	0
INDE	6	56	28	FOBS=	91.5	SIGMA=	2.2	PHAS=	-179.9	FOM=	0.87	TEST=	0
INDE	6	56	30	FOBS=	45.1	SIGMA=	4.8	PHAS=	-58.0	FOM=	0.33	TEST=	0
INDE	6	56	32	FOBS=	57.7	SIGMA=	3.4	PHAS=	-46.3	FOM=	0.47	TEST=	0
INDE	6	56	34	FOBS=	46.1	SIGMA=	4.2	PHAS=	-129.5	FOM=	0.41	TEST=	0
INDE	6	56	36	FOBS=	30.4	SIGMA=	8.7	PHAS=	33.0	FOM=	0.19	TEST=	0
INDE	6	56	38	FOBS=	23.4	SIGMA=	10.1	PHAS=	-173.5	FOM=	0.23	TEST=	0
INDE	6	56	40	FOBS=	77.1	SIGMA=	2.7	PHAS=	125.4	FOM=	0.87	TEST=	0
INDE	6	56	42	FOBS=	64.5	SIGMA=	3.1	PHAS=	176.9	FOM=	0.74	TEST=	0
INDE	6	56	44	FOBS=	34.8	SIGMA=	6.5	PHAS=	-173.4	FOM=	0.53	TEST=	0
INDE	6	56	46	FOBS=	87.9	SIGMA=	2.9	PHAS=	-85.3	FOM=	0.27	TEST=	1
INDE	6	56	48	FOBS=	20.3	SIGMA=	12.4	PHAS=	-60.4	FOM=	0.28	TEST=	0
INDE	6	56	50	FOBS=	43.5	SIGMA=	5.2	PHAS=	-80.7	FOM=	0.57	TEST=	0
INDE	6	56	52	FOBS=	61.0	SIGMA=	4.9	PHAS=	117.9	FOM=	0.86	TEST=	0
INDE	6	57	7	FOBS=	133.1	SIGMA=	2.0	PHAS=	-119.9	FOM=	0.65	TEST=	1
INDE	6	57	9	FOBS=	56.7	SIGMA=	4.6	PHAS=	89.2	FOM=	0.24	TEST=	0
INDE	6	57	11	FOBS=	143.1	SIGMA=	1.9	PHAS=	-131.5	FOM=	0.89	TEST=	0
INDE	6	57	13	FOBS=	52.7	SIGMA=	4.9	PHAS=	-142.3	FOM=	0.57	TEST=	0
INDE	6	57	15	FOBS=	34.9	SIGMA=	4.5	PHAS=	-70.0	FOM=	0.32	TEST=	0
INDE	6	57	17	FOBS=	61.6	SIGMA=	2.5	PHAS=	10.8	FOM=	0.91	TEST=	0
INDE	6	57	19	FOBS=	47.7	SIGMA=	3.1	PHAS=	-49.1	FOM=	0.16	TEST=	0
INDE	6	57	21	FOBS=	0.0	SIGMA=	17.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	57	23	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	57	25	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	6	57	27	FOBS=	48.8	SIGMA=	4.0	PHAS=	43.3	FOM=	0.75	TEST=	0
INDE	6	57	29	FOBS=	87.6	SIGMA=	2.3	PHAS=	122.3	FOM=	0.77	TEST=	0
INDE	6	57	31	FOBS=	22.8	SIGMA=	8.6	PHAS=	-15.4	FOM=	0.29	TEST=	0
INDE	6	57	33	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	57	35	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	57	37	FOBS=	102.3	SIGMA=	2.8	PHAS=	39.3	FOM=	0.92	TEST=	0
INDE	6	57	39	FOBS=	60.7	SIGMA=	4.5	PHAS=	-26.0	FOM=	0.46	TEST=	0
INDE	6	57	41	FOBS=	28.6	SIGMA=	10.4	PHAS=	80.6	FOM=	0.48	TEST=	0
INDE	6	57	43	FOBS=	20.0	SIGMA=	12.1	PHAS=	51.7	FOM=	0.68	TEST=	0
INDE	6	57	45	FOBS=	21.4	SIGMA=	10.0	PHAS=	10.2	FOM=	0.21	TEST=	0
INDE	6	57	47	FOBS=	50.4	SIGMA=	5.0	PHAS=	106.1	FOM=	0.21	TEST=	1
INDE	6	57	49	FOBS=	43.0	SIGMA=	5.7	PHAS=	-97.3	FOM=	0.51	TEST=	0
INDE	6	57	51	FOBS=	28.0	SIGMA=	10.6	PHAS=	84.6	FOM=	0.17	TEST=	0
INDE	6	58	6	FOBS=	142.7	SIGMA=	2.0	PHAS=	102.9	FOM=	0.93	TEST=	0
INDE	6	58	8	FOBS=	14.8	SIGMA=	20.0	PHAS=	-78.2	FOM=	0.09	TEST=	0
INDE	6	58	10	FOBS=	107.1	SIGMA=	2.5	PHAS=	-75.9	FOM=	0.42	TEST=	1
INDE	6	58	12	FOBS=	145.5	SIGMA=	1.9	PHAS=	155.6	FOM=	0.95	TEST=	0
INDE	6	58	14	FOBS=	46.9	SIGMA=	6.2	PHAS=	13.9	FOM=	0.52	TEST=	1
INDE	6	58	16	FOBS=	122.5	SIGMA=	1.4	PHAS=	-26.4	FOM=	0.92	TEST=	0
INDE	6	58	18	FOBS=	106.1	SIGMA=	1.4	PHAS=	144.8	FOM=	0.93	TEST=	0
INDE	6	58	20	FOBS=	40.6	SIGMA=	4.0	PHAS=	-93.8	FOM=	0.60	TEST=	0
INDE	6	58	22	FOBS=	33.3	SIGMA=	4.5	PHAS=	26.7	FOM=	0.31	TEST=	0
INDE	6	58	24	FOBS=	107.6	SIGMA=	1.8	PHAS=	27.7	FOM=	0.89	TEST=	0
INDE	6	58	26	FOBS=	167.9	SIGMA=	1.3	PHAS=	-99.9	FOM=	0.43	TEST=	1
INDE	6	58	28	FOBS=	60.0	SIGMA=	3.3	PHAS=	-81.6	FOM=	0.53	TEST=	0
INDE	6	58	30	FOBS=	43.3	SIGMA=	4.6	PHAS=	-151.6	FOM=	0.07	TEST=	1
INDE	6	58	32	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	58	34	FOBS=	71.0	SIGMA=	3.1	PHAS=	171.6	FOM=	0.77	TEST=	0
INDE	6	58	36	FOBS=	49.9	SIGMA=	4.7	PHAS=	-103.9	FOM=	0.61	TEST=	0
INDE	6	58	38	FOBS=	70.4	SIGMA=	4.6	PHAS=	-92.8	FOM=	0.89	TEST=	0
INDE	6	58	40	FOBS=	79.2	SIGMA=	3.2	PHAS=	74.6	FOM=	0.68	TEST=	0
INDE	6	58	42	FOBS=	50.5	SIGMA=	4.5	PHAS=	-113.8	FOM=	0.75	TEST=	0
INDE	6	58	44	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	58	46	FOBS=	65.5	SIGMA=	3.9	PHAS=	161.8	FOM=	0.78	TEST=	0
INDE	6	58	48	FOBS=	58.6	SIGMA=	5.5	PHAS=	-145.3	FOM=	0.74	TEST=	0
INDE	6	58	50	FOBS=	42.8	SIGMA=	7.0	PHAS=	88.5	FOM=	0.46	TEST=	0
INDE	6	59	7	FOBS=	100.3	SIGMA=	2.7	PHAS=	24.6	FOM=	0.10	TEST=	1
INDE	6	59	9	FOBS=	57.0	SIGMA=	4.6	PHAS=	-82.1	FOM=	0.39	TEST=	0
INDE	6	59	11	FOBS=	106.3	SIGMA=	2.5	PHAS=	-110.1	FOM=	0.92	TEST=	0
INDE	6	59	13	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	59	15	FOBS=	49.7	SIGMA=	3.9	PHAS=	59.0	FOM=	0.28	TEST=	0
INDE	6	59	17	FOBS=	62.2	SIGMA=	3.2	PHAS=	-20.9	FOM=	0.69	TEST=	0
INDE	6	59	19	FOBS=	91.6	SIGMA=	1.8	PHAS=	81.0	FOM=	0.86	TEST=	0
INDE	6	59	21	FOBS=	90.4	SIGMA=	1.9	PHAS=	51.7	FOM=	0.91	TEST=	0
INDE	6	59	23	FOBS=	88.4	SIGMA=	2.1	PHAS=	-103.4	FOM=	0.91	TEST=	0

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INDE	6	59	25	FOBS=	77.5	SIGMA=	2.5	PHAS=	-104.1	FOM=	0.75	TEST=	1
INDE	6	59	27	FOBS=	71.6	SIGMA=	2.7	PHAS=	62.0	FOM=	0.19	TEST=	1
INDE	6	59	29	FOBS=	41.3	SIGMA=	5.1	PHAS=	-109.3	FOM=	0.23	TEST=	0
INDE	6	59	31	FOBS=	18.0	SIGMA=	18.3	PHAS=	157.4	FOM=	0.10	TEST=	0
INDE	6	59	33	FOBS=	39.4	SIGMA=	6.0	PHAS=	-153.1	FOM=	0.61	TEST=	0
INDE	6	59	35	FOBS=	91.3	SIGMA=	2.6	PHAS=	156.7	FOM=	0.89	TEST=	0
INDE	6	59	37	FOBS=	40.4	SIGMA=	5.9	PHAS=	176.1	FOM=	0.53	TEST=	0
INDE	6	59	39	FOBS=	102.2	SIGMA=	3.3	PHAS=	98.4	FOM=	0.11	TEST=	1
INDE	6	59	41	FOBS=	53.1	SIGMA=	4.7	PHAS=	44.3	FOM=	0.84	TEST=	0
INDE	6	59	43	FOBS=	47.3	SIGMA=	4.5	PHAS=	-111.8	FOM=	0.62	TEST=	0
INDE	6	59	45	FOBS=	90.5	SIGMA=	2.8	PHAS=	-10.7	FOM=	0.30	TEST=	1
INDE	6	59	47	FOBS=	86.9	SIGMA=	3.7	PHAS=	122.5	FOM=	0.90	TEST=	0
INDE	6	59	49	FOBS=	41.8	SIGMA=	8.4	PHAS=	110.7	FOM=	0.79	TEST=	0
INDE	6	60	6	FOBS=	148.5	SIGMA=	1.9	PHAS=	147.0	FOM=	0.88	TEST=	0
INDE	6	60	8	FOBS=	99.7	SIGMA=	2.6	PHAS=	104.5	FOM=	0.54	TEST=	0
INDE	6	60	10	FOBS=	65.4	SIGMA=	4.0	PHAS=	111.6	FOM=	0.55	TEST=	0
INDE	6	60	12	FOBS=	131.2	SIGMA=	2.1	PHAS=	30.9	FOM=	0.11	TEST=	1
INDE	6	60	14	FOBS=	80.2	SIGMA=	3.2	PHAS=	-53.8	FOM=	0.88	TEST=	0
INDE	6	60	16	FOBS=	54.6	SIGMA=	3.4	PHAS=	-114.0	FOM=	0.90	TEST=	0
INDE	6	60	18	FOBS=	51.6	SIGMA=	3.8	PHAS=	-173.0	FOM=	0.54	TEST=	0
INDE	6	60	20	FOBS=	101.6	SIGMA=	1.8	PHAS=	-38.7	FOM=	0.93	TEST=	0
INDE	6	60	22	FOBS=	77.7	SIGMA=	2.2	PHAS=	139.1	FOM=	0.92	TEST=	0
INDE	6	60	24	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	60	26	FOBS=	135.5	SIGMA=	1.8	PHAS=	-118.4	FOM=	0.93	TEST=	0
INDE	6	60	28	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	60	30	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	60	32	FOBS=	89.2	SIGMA=	2.7	PHAS=	67.5	FOM=	0.90	TEST=	0
INDE	6	60	34	FOBS=	69.8	SIGMA=	3.5	PHAS=	159.3	FOM=	0.86	TEST=	0
INDE	6	60	36	FOBS=	44.6	SIGMA=	6.3	PHAS=	116.1	FOM=	0.87	TEST=	0
INDE	6	60	38	FOBS=	111.2	SIGMA=	2.6	PHAS=	179.1	FOM=	0.95	TEST=	0
INDE	6	60	40	FOBS=	64.1	SIGMA=	5.1	PHAS=	-51.3	FOM=	0.81	TEST=	0
INDE	6	60	42	FOBS=	36.6	SIGMA=	6.9	PHAS=	130.4	FOM=	0.26	TEST=	0
INDE	6	60	44	FOBS=	68.1	SIGMA=	3.2	PHAS=	-169.8	FOM=	0.92	TEST=	0
INDE	6	60	46	FOBS=	48.0	SIGMA=	6.6	PHAS=	121.4	FOM=	0.83	TEST=	0
INDE	6	60	48	FOBS=	90.2	SIGMA=	4.0	PHAS=	43.1	FOM=	0.94	TEST=	0
INDE	6	61	7	FOBS=	61.3	SIGMA=	4.2	PHAS=	-16.2	FOM=	0.57	TEST=	0
INDE	6	61	9	FOBS=	190.5	SIGMA=	1.5	PHAS=	-8.6	FOM=	0.97	TEST=	0
INDE	6	61	11	FOBS=	77.2	SIGMA=	3.3	PHAS=	-40.5	FOM=	0.87	TEST=	0
INDE	6	61	13	FOBS=	62.2	SIGMA=	4.1	PHAS=	-72.1	FOM=	0.76	TEST=	0
INDE	6	61	15	FOBS=	115.5	SIGMA=	2.3	PHAS=	156.9	FOM=	0.90	TEST=	0
INDE	6	61	17	FOBS=	56.2	SIGMA=	3.4	PHAS=	98.8	FOM=	0.81	TEST=	0
INDE	6	61	19	FOBS=	38.7	SIGMA=	4.7	PHAS=	-171.0	FOM=	0.83	TEST=	0
INDE	6	61	21	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	61	23	FOBS=	46.8	SIGMA=	4.8	PHAS=	97.1	FOM=	0.25	TEST=	1
INDE	6	61	25	FOBS=	91.8	SIGMA=	2.5	PHAS=	118.8	FOM=	0.85	TEST=	0
INDE	6	61	27	FOBS=	50.3	SIGMA=	5.4	PHAS=	75.3	FOM=	0.52	TEST=	0
INDE	6	61	29	FOBS=	8.9	SIGMA=	30.2	PHAS=	76.0	FOM=	0.05	TEST=	0
INDE	6	61	31	FOBS=	81.3	SIGMA=	3.5	PHAS=	-74.1	FOM=	0.66	TEST=	0
INDE	6	61	33	FOBS=	10.9	SIGMA=	30.4	PHAS=	-4.2	FOM=	0.15	TEST=	0
INDE	6	61	35	FOBS=	67.2	SIGMA=	4.2	PHAS=	-1.0	FOM=	0.47	TEST=	0
INDE	6	61	37	FOBS=	114.9	SIGMA=	2.5	PHAS=	-0.1	FOM=	0.96	TEST=	0
INDE	6	61	39	FOBS=	122.0	SIGMA=	2.4	PHAS=	18.2	FOM=	0.97	TEST=	0
INDE	6	61	41	FOBS=	46.5	SIGMA=	6.1	PHAS=	56.4	FOM=	0.33	TEST=	0
INDE	6	61	43	FOBS=	80.3	SIGMA=	3.2	PHAS=	28.7	FOM=	0.92	TEST=	0
INDE	6	61	45	FOBS=	78.2	SIGMA=	4.1	PHAS=	95.4	FOM=	0.94	TEST=	0
INDE	6	61	47	FOBS=	89.0	SIGMA=	5.5	PHAS=	-28.8	FOM=	0.93	TEST=	0
INDE	6	62	6	FOBS=	121.3	SIGMA=	2.2	PHAS=	144.9	FOM=	0.95	TEST=	0
INDE	6	62	8	FOBS=	132.4	SIGMA=	2.0	PHAS=	-118.4	FOM=	0.94	TEST=	0
INDE	6	62	10	FOBS=	141.9	SIGMA=	1.9	PHAS=	-57.5	FOM=	0.97	TEST=	0
INDE	6	62	12	FOBS=	22.2	SIGMA=	12.9	PHAS=	0.3	FOM=	0.41	TEST=	0
INDE	6	62	14	FOBS=	81.0	SIGMA=	4.5	PHAS=	150.5	FOM=	0.82	TEST=	0
INDE	6	62	16	FOBS=	29.7	SIGMA=	9.4	PHAS=	48.2	FOM=	0.38	TEST=	0
INDE	6	62	18	FOBS=	108.3	SIGMA=	2.3	PHAS=	46.2	FOM=	0.91	TEST=	0
INDE	6	62	20	FOBS=	34.7	SIGMA=	5.7	PHAS=	49.5	FOM=	0.66	TEST=	0
INDE	6	62	22	FOBS=	35.0	SIGMA=	6.1	PHAS=	126.8	FOM=	0.66	TEST=	0
INDE	6	62	24	FOBS=	60.9	SIGMA=	3.7	PHAS=	2.8	FOM=	0.85	TEST=	0
INDE	6	62	26	FOBS=	44.5	SIGMA=	5.1	PHAS=	0.1	FOM=	0.65	TEST=	0
INDE	6	62	28	FOBS=	82.4	SIGMA=	3.3	PHAS=	-7.9	FOM=	0.89	TEST=	0
INDE	6	62	30	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	62	32	FOBS=	22.2	SIGMA=	12.7	PHAS=	-43.5	FOM=	0.11	TEST=	1

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INDE	6	62	34	FOBS=	69.8	SIGMA=	4.1	PHAS=	-157.0	FOM=	0.88	TEST=	0
INDE	6	62	36	FOBS=	85.7	SIGMA=	3.3	PHAS=	-132.0	FOM=	0.95	TEST=	0
INDE	6	62	38	FOBS=	42.6	SIGMA=	6.6	PHAS=	-127.6	FOM=	0.82	TEST=	0
INDE	6	62	40	FOBS=	84.4	SIGMA=	3.4	PHAS=	-70.8	FOM=	0.91	TEST=	0
INDE	6	62	42	FOBS=	25.2	SIGMA=	10.0	PHAS=	-79.8	FOM=	0.23	TEST=	0
INDE	6	62	44	FOBS=	63.9	SIGMA=	5.8	PHAS=	-75.8	FOM=	0.90	TEST=	0
INDE	6	62	46	FOBS=	49.5	SIGMA=	9.8	PHAS=	136.2	FOM=	0.12	TEST=	1
INDE	6	63	7	FOBS=	105.0	SIGMA=	2.5	PHAS=	38.2	FOM=	0.91	TEST=	0
INDE	6	63	9	FOBS=	47.2	SIGMA=	5.3	PHAS=	-178.2	FOM=	0.11	TEST=	1
INDE	6	63	11	FOBS=	141.3	SIGMA=	2.7	PHAS=	-100.0	FOM=	0.94	TEST=	0
INDE	6	63	13	FOBS=	42.4	SIGMA=	8.3	PHAS=	62.9	FOM=	0.53	TEST=	0
INDE	6	63	15	FOBS=	72.5	SIGMA=	4.9	PHAS=	104.1	FOM=	0.85	TEST=	0
INDE	6	63	17	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	63	19	FOBS=	37.2	SIGMA=	6.3	PHAS=	95.0	FOM=	0.41	TEST=	0
INDE	6	63	21	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	6	63	23	FOBS=	65.7	SIGMA=	3.3	PHAS=	-151.2	FOM=	0.11	TEST=	1
INDE	6	63	25	FOBS=	70.9	SIGMA=	3.2	PHAS=	20.2	FOM=	0.89	TEST=	0
INDE	6	63	27	FOBS=	101.9	SIGMA=	2.3	PHAS=	-113.5	FOM=	0.09	TEST=	1
INDE	6	63	29	FOBS=	36.3	SIGMA=	7.5	PHAS=	-12.8	FOM=	0.70	TEST=	0
INDE	6	63	31	FOBS=	25.5	SIGMA=	13.1	PHAS=	-7.3	FOM=	0.37	TEST=	0
INDE	6	63	33	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	63	35	FOBS=	82.2	SIGMA=	3.5	PHAS=	120.2	FOM=	0.89	TEST=	0
INDE	6	63	37	FOBS=	14.4	SIGMA=	22.7	PHAS=	70.0	FOM=	0.14	TEST=	0
INDE	6	63	39	FOBS=	28.5	SIGMA=	9.8	PHAS=	-6.8	FOM=	0.55	TEST=	0
INDE	6	63	41	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	63	43	FOBS=	28.8	SIGMA=	11.6	PHAS=	-155.6	FOM=	0.29	TEST=	0
INDE	6	63	45	FOBS=	60.7	SIGMA=	7.9	PHAS=	100.0	FOM=	0.79	TEST=	0
INDE	6	64	6	FOBS=	117.3	SIGMA=	3.2	PHAS=	10.0	FOM=	0.65	TEST=	1
INDE	6	64	8	FOBS=	74.9	SIGMA=	3.9	PHAS=	179.4	FOM=	0.93	TEST=	0
INDE	6	64	10	FOBS=	55.7	SIGMA=	6.4	PHAS=	2.6	FOM=	0.59	TEST=	0
INDE	6	64	12	FOBS=	120.9	SIGMA=	3.1	PHAS=	26.8	FOM=	0.90	TEST=	0
INDE	6	64	14	FOBS=	42.0	SIGMA=	8.3	PHAS=	120.3	FOM=	0.48	TEST=	0
INDE	6	64	16	FOBS=	37.1	SIGMA=	9.3	PHAS=	-64.0	FOM=	0.43	TEST=	0
INDE	6	64	18	FOBS=	69.7	SIGMA=	3.5	PHAS=	80.3	FOM=	0.70	TEST=	0
INDE	6	64	20	FOBS=	52.9	SIGMA=	4.5	PHAS=	76.9	FOM=	0.40	TEST=	1
INDE	6	64	22	FOBS=	76.0	SIGMA=	2.8	PHAS=	11.6	FOM=	0.64	TEST=	0
INDE	6	64	24	FOBS=	76.5	SIGMA=	2.9	PHAS=	-126.4	FOM=	0.68	TEST=	0
INDE	6	64	26	FOBS=	100.1	SIGMA=	2.4	PHAS=	3.0	FOM=	0.18	TEST=	1
INDE	6	64	28	FOBS=	72.9	SIGMA=	3.8	PHAS=	-38.2	FOM=	0.87	TEST=	0
INDE	6	64	30	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	64	32	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	6	64	34	FOBS=	84.2	SIGMA=	3.5	PHAS=	-96.1	FOM=	0.72	TEST=	0
INDE	6	64	36	FOBS=	57.8	SIGMA=	5.0	PHAS=	-129.3	FOM=	0.70	TEST=	0
INDE	6	64	38	FOBS=	36.8	SIGMA=	7.7	PHAS=	22.0	FOM=	0.10	TEST=	0
INDE	6	64	40	FOBS=	41.9	SIGMA=	6.8	PHAS=	-113.2	FOM=	0.74	TEST=	0
INDE	6	64	42	FOBS=	0.0	SIGMA=	24.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	65	7	FOBS=	82.7	SIGMA=	4.3	PHAS=	-73.6	FOM=	0.58	TEST=	0
INDE	6	65	9	FOBS=	61.4	SIGMA=	5.7	PHAS=	-48.3	FOM=	0.80	TEST=	0
INDE	6	65	11	FOBS=	132.5	SIGMA=	2.8	PHAS=	-49.3	FOM=	0.94	TEST=	0
INDE	6	65	13	FOBS=	40.3	SIGMA=	8.8	PHAS=	-178.8	FOM=	0.42	TEST=	0
INDE	6	65	15	FOBS=	130.7	SIGMA=	2.8	PHAS=	21.0	FOM=	0.22	TEST=	1
INDE	6	65	17	FOBS=	40.0	SIGMA=	8.6	PHAS=	86.1	FOM=	0.58	TEST=	0
INDE	6	65	19	FOBS=	42.2	SIGMA=	5.3	PHAS=	42.0	FOM=	0.57	TEST=	0
INDE	6	65	21	FOBS=	64.4	SIGMA=	3.7	PHAS=	-62.8	FOM=	0.86	TEST=	0
INDE	6	65	23	FOBS=	24.1	SIGMA=	8.7	PHAS=	176.9	FOM=	0.31	TEST=	0
INDE	6	65	25	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	6	65	27	FOBS=	60.1	SIGMA=	3.9	PHAS=	154.3	FOM=	0.80	TEST=	0
INDE	6	65	29	FOBS=	76.7	SIGMA=	4.4	PHAS=	105.2	FOM=	0.90	TEST=	0
INDE	6	65	31	FOBS=	65.0	SIGMA=	4.4	PHAS=	40.6	FOM=	0.74	TEST=	0
INDE	6	65	33	FOBS=	41.0	SIGMA=	7.0	PHAS=	-155.2	FOM=	0.59	TEST=	0
INDE	6	65	35	FOBS=	44.5	SIGMA=	6.5	PHAS=	118.6	FOM=	0.77	TEST=	0
INDE	6	65	37	FOBS=	36.5	SIGMA=	9.3	PHAS=	-76.3	FOM=	0.54	TEST=	0
INDE	6	65	39	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	65	41	FOBS=	13.4	SIGMA=	22.0	PHAS=	26.1	FOM=	0.29	TEST=	0
INDE	6	66	6	FOBS=	24.7	SIGMA=	10.1	PHAS=	20.5	FOM=	0.74	TEST=	0
INDE	6	66	8	FOBS=	84.0	SIGMA=	4.3	PHAS=	112.1	FOM=	0.84	TEST=	0
INDE	6	66	10	FOBS=	68.1	SIGMA=	5.1	PHAS=	-64.3	FOM=	0.55	TEST=	0
INDE	6	66	12	FOBS=	21.3	SIGMA=	16.3	PHAS=	-35.5	FOM=	0.06	TEST=	0
INDE	6	66	14	FOBS=	133.0	SIGMA=	2.8	PHAS=	51.7	FOM=	0.94	TEST=	0
INDE	6	66	16	FOBS=	12.6	SIGMA=	27.4	PHAS=	49.9	FOM=	0.17	TEST=	0

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INDE	6	66	18	FOBS=	13.9	SIGMA=	24.7	PHAS=	-176.8	FOM=	0.20	TEST=	0
INDE	6	66	20	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	6	66	22	FOBS=	29.6	SIGMA=	9.9	PHAS=	-157.8	FOM=	0.18	TEST=	0
INDE	6	66	24	FOBS=	15.5	SIGMA=	13.7	PHAS=	-159.3	FOM=	0.12	TEST=	0
INDE	6	66	26	FOBS=	69.5	SIGMA=	3.9	PHAS=	45.2	FOM=	0.89	TEST=	0
INDE	6	66	28	FOBS=	108.7	SIGMA=	2.2	PHAS=	21.6	FOM=	0.95	TEST=	0
INDE	6	66	30	FOBS=	40.0	SIGMA=	8.6	PHAS=	-5.8	FOM=	0.75	TEST=	0
INDE	6	66	32	FOBS=	92.2	SIGMA=	3.2	PHAS=	-131.6	FOM=	0.91	TEST=	0
INDE	6	66	34	FOBS=	56.2	SIGMA=	5.2	PHAS=	71.1	FOM=	0.53	TEST=	0
INDE	6	66	36	FOBS=	31.5	SIGMA=	10.8	PHAS=	-158.6	FOM=	0.32	TEST=	0
INDE	6	66	38	FOBS=	55.5	SIGMA=	5.3	PHAS=	-151.9	FOM=	0.15	TEST=	1
INDE	6	66	40	FOBS=	67.4	SIGMA=	4.5	PHAS=	-44.1	FOM=	0.76	TEST=	0
INDE	6	67	7	FOBS=	28.0	SIGMA=	18.0	PHAS=	-61.6	FOM=	0.33	TEST=	0
INDE	6	67	9	FOBS=	152.2	SIGMA=	3.6	PHAS=	-25.3	FOM=	0.95	TEST=	0
INDE	6	67	11	FOBS=	64.9	SIGMA=	5.4	PHAS=	-109.5	FOM=	0.13	TEST=	0
INDE	6	67	13	FOBS=	27.4	SIGMA=	12.8	PHAS=	-141.9	FOM=	0.54	TEST=	0
INDE	6	67	15	FOBS=	46.8	SIGMA=	7.5	PHAS=	-76.9	FOM=	0.54	TEST=	0
INDE	6	67	17	FOBS=	29.3	SIGMA=	11.9	PHAS=	126.4	FOM=	0.34	TEST=	0
INDE	6	67	19	FOBS=	74.2	SIGMA=	3.0	PHAS=	138.9	FOM=	0.81	TEST=	0
INDE	6	67	21	FOBS=	56.2	SIGMA=	4.3	PHAS=	146.7	FOM=	0.35	TEST=	0
INDE	6	67	23	FOBS=	31.1	SIGMA=	6.7	PHAS=	167.5	FOM=	0.38	TEST=	0
INDE	6	67	25	FOBS=	112.3	SIGMA=	2.0	PHAS=	-127.0	FOM=	0.95	TEST=	0
INDE	6	67	27	FOBS=	97.6	SIGMA=	2.9	PHAS=	-32.9	FOM=	0.94	TEST=	0
INDE	6	67	29	FOBS=	80.8	SIGMA=	3.0	PHAS=	120.9	FOM=	0.91	TEST=	0
INDE	6	67	31	FOBS=	108.7	SIGMA=	2.7	PHAS=	170.1	FOM=	0.90	TEST=	0
INDE	6	67	33	FOBS=	26.2	SIGMA=	11.0	PHAS=	2.4	FOM=	0.39	TEST=	0
INDE	6	67	35	FOBS=	0.0	SIGMA=	26.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	67	37	FOBS=	24.5	SIGMA=	12.1	PHAS=	46.2	FOM=	0.41	TEST=	0
INDE	6	67	39	FOBS=	73.0	SIGMA=	7.1	PHAS=	-177.6	FOM=	0.74	TEST=	0
INDE	6	68	6	FOBS=	92.8	SIGMA=	4.0	PHAS=	-157.2	FOM=	0.87	TEST=	0
INDE	6	68	12	FOBS=	17.5	SIGMA=	28.7	PHAS=	13.9	FOM=	0.02	TEST=	1
INDE	6	68	14	FOBS=	60.8	SIGMA=	8.1	PHAS=	-40.9	FOM=	0.67	TEST=	0
INDE	6	68	16	FOBS=	78.5	SIGMA=	4.5	PHAS=	98.9	FOM=	0.90	TEST=	0
INDE	6	68	18	FOBS=	83.0	SIGMA=	4.3	PHAS=	65.4	FOM=	0.90	TEST=	0
INDE	6	68	20	FOBS=	69.5	SIGMA=	3.3	PHAS=	123.5	FOM=	0.40	TEST=	1
INDE	6	68	22	FOBS=	19.9	SIGMA=	14.5	PHAS=	95.7	FOM=	0.07	TEST=	0
INDE	6	68	24	FOBS=	81.8	SIGMA=	2.6	PHAS=	151.3	FOM=	0.81	TEST=	0
INDE	6	68	26	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	68	28	FOBS=	81.6	SIGMA=	3.5	PHAS=	1.9	FOM=	0.88	TEST=	0
INDE	6	68	30	FOBS=	45.4	SIGMA=	5.4	PHAS=	64.6	FOM=	0.23	TEST=	1
INDE	6	68	32	FOBS=	42.3	SIGMA=	6.8	PHAS=	42.9	FOM=	0.31	TEST=	0
INDE	6	68	34	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	68	36	FOBS=	9.2	SIGMA=	32.4	PHAS=	-100.3	FOM=	0.10	TEST=	0
INDE	6	69	17	FOBS=	69.3	SIGMA=	7.1	PHAS=	-17.7	FOM=	0.87	TEST=	0
INDE	6	69	19	FOBS=	79.7	SIGMA=	6.4	PHAS=	-2.5	FOM=	0.91	TEST=	0
INDE	6	69	21	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	6	69	23	FOBS=	59.2	SIGMA=	4.3	PHAS=	91.4	FOM=	0.65	TEST=	0
INDE	6	69	25	FOBS=	92.1	SIGMA=	2.4	PHAS=	-37.8	FOM=	0.95	TEST=	0
INDE	6	69	27	FOBS=	61.7	SIGMA=	3.8	PHAS=	-21.2	FOM=	0.70	TEST=	0
INDE	6	69	29	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	69	31	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	69	33	FOBS=	34.7	SIGMA=	8.5	PHAS=	-61.1	FOM=	0.72	TEST=	0
INDE	6	69	35	FOBS=	0.0	SIGMA=	24.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	6	70	6	FOBS=	56.2	SIGMA=	6.3	PHAS=	52.3	FOM=	0.28	TEST=	0
INDE	6	70	20	FOBS=	74.5	SIGMA=	6.9	PHAS=	-94.3	FOM=	0.85	TEST=	0
INDE	6	70	22	FOBS=	33.9	SIGMA=	8.0	PHAS=	19.4	FOM=	0.18	TEST=	0
INDE	6	70	24	FOBS=	44.9	SIGMA=	5.3	PHAS=	-118.9	FOM=	0.73	TEST=	0
INDE	6	70	26	FOBS=	86.4	SIGMA=	2.7	PHAS=	-133.8	FOM=	0.93	TEST=	0
INDE	6	70	28	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	6	70	30	FOBS=	0.0	SIGMA=	24.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	70	32	FOBS=	90.8	SIGMA=	2.9	PHAS=	-134.6	FOM=	0.89	TEST=	0
INDE	6	71	7	FOBS=	48.6	SIGMA=	7.6	PHAS=	-94.7	FOM=	0.45	TEST=	0
INDE	6	71	23	FOBS=	30.4	SIGMA=	11.1	PHAS=	-76.1	FOM=	0.07	TEST=	1
INDE	6	71	25	FOBS=	23.9	SIGMA=	10.1	PHAS=	113.1	FOM=	0.34	TEST=	1
INDE	6	71	27	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	71	29	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	71	31	FOBS=	49.2	SIGMA=	10.9	PHAS=	-173.8	FOM=	0.78	TEST=	0
INDE	6	72	6	FOBS=	102.0	SIGMA=	3.8	PHAS=	-12.1	FOM=	0.93	TEST=	0
INDE	6	72	8	FOBS=	28.5	SIGMA=	13.0	PHAS=	-64.0	FOM=	0.16	TEST=	0
INDE	6	72	22	FOBS=	13.1	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	1

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INDE	6	72	24	FOBS=	38.3	SIGMA=	9.3	PHAS=	-112.5	FOM=	0.61	TEST=	0
INDE	6	72	26	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	72	28	FOBS=	0.0	SIGMA=	24.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	73	7	FOBS=	96.5	SIGMA=	3.7	PHAS=	-116.7	FOM=	0.95	TEST=	0
INDE	6	73	23	FOBS=	65.1	SIGMA=	5.1	PHAS=	-116.7	FOM=	0.67	TEST=	0
INDE	6	73	25	FOBS=	8.5	SIGMA=	44.5	PHAS=	173.9	FOM=	0.14	TEST=	0
INDE	6	74	6	FOBS=	40.3	SIGMA=	9.1	PHAS=	85.2	FOM=	0.52	TEST=	0
INDE	6	74	8	FOBS=	40.3	SIGMA=	9.2	PHAS=	134.2	FOM=	0.66	TEST=	0
INDE	6	75	7	FOBS=	60.0	SIGMA=	6.5	PHAS=	18.1	FOM=	0.76	TEST=	0
INDE	6	75	9	FOBS=	63.9	SIGMA=	6.0	PHAS=	44.1	FOM=	0.60	TEST=	0
INDE	6	76	6	FOBS=	0.0	SIGMA=	27.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	6	77	7	FOBS=	0.0	SIGMA=	27.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	6	77	9	FOBS=	67.1	SIGMA=	6.0	PHAS=	96.1	FOM=	0.79	TEST=	0
INDE	7	8	15	FOBS=	100.9	SIGMA=	0.5	PHAS=	-47.4	FOM=	0.96	TEST=	0
INDE	7	8	17	FOBS=	229.6	SIGMA=	0.5	PHAS=	129.3	FOM=	0.86	TEST=	0
INDE	7	8	19	FOBS=	63.9	SIGMA=	0.8	PHAS=	118.9	FOM=	0.47	TEST=	0
INDE	7	8	21	FOBS=	69.9	SIGMA=	0.9	PHAS=	47.5	FOM=	0.96	TEST=	0
INDE	7	8	23	FOBS=	106.0	SIGMA=	0.7	PHAS=	106.1	FOM=	0.41	TEST=	0
INDE	7	8	25	FOBS=	151.4	SIGMA=	0.6	PHAS=	-45.5	FOM=	0.98	TEST=	0
INDE	7	8	27	FOBS=	142.3	SIGMA=	0.6	PHAS=	20.1	FOM=	0.98	TEST=	0
INDE	7	8	29	FOBS=	109.9	SIGMA=	0.9	PHAS=	173.1	FOM=	0.99	TEST=	0
INDE	7	8	31	FOBS=	211.9	SIGMA=	0.7	PHAS=	15.4	FOM=	0.96	TEST=	0
INDE	7	8	33	FOBS=	47.7	SIGMA=	2.3	PHAS=	-65.9	FOM=	0.93	TEST=	0
INDE	7	8	35	FOBS=	501.8	SIGMA=	0.8	PHAS=	-166.1	FOM=	0.99	TEST=	0
INDE	7	8	37	FOBS=	264.0	SIGMA=	0.7	PHAS=	-130.9	FOM=	0.91	TEST=	0
INDE	7	8	39	FOBS=	120.8	SIGMA=	1.2	PHAS=	-145.2	FOM=	0.20	TEST=	1
INDE	7	8	41	FOBS=	156.6	SIGMA=	1.1	PHAS=	-59.6	FOM=	0.96	TEST=	0
INDE	7	8	43	FOBS=	84.1	SIGMA=	2.1	PHAS=	-40.1	FOM=	0.93	TEST=	1
INDE	7	8	45	FOBS=	24.9	SIGMA=	8.5	PHAS=	-151.0	FOM=	0.75	TEST=	0
INDE	7	8	47	FOBS=	115.5	SIGMA=	1.8	PHAS=	149.8	FOM=	0.87	TEST=	0
INDE	7	8	49	FOBS=	186.7	SIGMA=	1.2	PHAS=	31.4	FOM=	0.93	TEST=	0
INDE	7	8	51	FOBS=	139.7	SIGMA=	1.5	PHAS=	14.5	FOM=	0.92	TEST=	0
INDE	7	8	53	FOBS=	148.7	SIGMA=	1.4	PHAS=	64.1	FOM=	0.92	TEST=	0
INDE	7	8	55	FOBS=	237.9	SIGMA=	1.3	PHAS=	37.3	FOM=	0.97	TEST=	0
INDE	7	8	57	FOBS=	40.2	SIGMA=	6.5	PHAS=	134.1	FOM=	0.77	TEST=	0
INDE	7	8	59	FOBS=	53.5	SIGMA=	4.9	PHAS=	79.8	FOM=	0.79	TEST=	0
INDE	7	8	61	FOBS=	50.9	SIGMA=	4.9	PHAS=	-41.6	FOM=	0.39	TEST=	1
INDE	7	8	63	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	8	65	FOBS=	80.5	SIGMA=	4.4	PHAS=	177.9	FOM=	0.92	TEST=	0
INDE	7	8	71	FOBS=	0.0	SIGMA=	27.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	8	73	FOBS=	91.3	SIGMA=	4.4	PHAS=	-96.0	FOM=	0.91	TEST=	0
INDE	7	8	75	FOBS=	51.8	SIGMA=	7.5	PHAS=	-46.7	FOM=	0.77	TEST=	0
INDE	7	8	77	FOBS=	0.0	SIGMA=	29.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	9	14	FOBS=	181.4	SIGMA=	0.5	PHAS=	91.0	FOM=	0.82	TEST=	0
INDE	7	9	16	FOBS=	159.4	SIGMA=	0.4	PHAS=	104.5	FOM=	0.70	TEST=	0
INDE	7	9	18	FOBS=	125.9	SIGMA=	0.5	PHAS=	-144.4	FOM=	0.85	TEST=	0
INDE	7	9	20	FOBS=	101.9	SIGMA=	0.6	PHAS=	167.1	FOM=	0.87	TEST=	0
INDE	7	9	22	FOBS=	29.4	SIGMA=	2.0	PHAS=	18.2	FOM=	0.56	TEST=	1
INDE	7	9	24	FOBS=	167.0	SIGMA=	0.5	PHAS=	-90.4	FOM=	0.96	TEST=	0
INDE	7	9	26	FOBS=	193.0	SIGMA=	0.5	PHAS=	172.3	FOM=	0.99	TEST=	0
INDE	7	9	28	FOBS=	118.6	SIGMA=	0.9	PHAS=	-70.1	FOM=	0.98	TEST=	0
INDE	7	9	30	FOBS=	66.4	SIGMA=	1.5	PHAS=	3.6	FOM=	0.96	TEST=	0
INDE	7	9	32	FOBS=	210.9	SIGMA=	0.6	PHAS=	-95.7	FOM=	0.97	TEST=	0
INDE	7	9	34	FOBS=	181.3	SIGMA=	0.9	PHAS=	-154.8	FOM=	0.95	TEST=	0
INDE	7	9	36	FOBS=	302.7	SIGMA=	0.6	PHAS=	-145.8	FOM=	0.74	TEST=	0
INDE	7	9	38	FOBS=	164.5	SIGMA=	0.9	PHAS=	106.9	FOM=	0.98	TEST=	1
INDE	7	9	40	FOBS=	316.2	SIGMA=	0.9	PHAS=	-131.9	FOM=	0.96	TEST=	1
INDE	7	9	42	FOBS=	173.7	SIGMA=	1.1	PHAS=	-120.6	FOM=	0.76	TEST=	0
INDE	7	9	44	FOBS=	185.9	SIGMA=	1.1	PHAS=	3.6	FOM=	0.94	TEST=	0
INDE	7	9	46	FOBS=	152.8	SIGMA=	1.6	PHAS=	69.9	FOM=	0.77	TEST=	0
INDE	7	9	48	FOBS=	73.5	SIGMA=	2.9	PHAS=	175.2	FOM=	0.76	TEST=	0
INDE	7	9	50	FOBS=	136.0	SIGMA=	1.6	PHAS=	26.0	FOM=	0.79	TEST=	0
INDE	7	9	52	FOBS=	71.6	SIGMA=	2.8	PHAS=	-37.0	FOM=	0.84	TEST=	0
INDE	7	9	54	FOBS=	160.1	SIGMA=	1.3	PHAS=	-6.2	FOM=	0.89	TEST=	0
INDE	7	9	56	FOBS=	21.7	SIGMA=	9.6	PHAS=	-108.2	FOM=	0.18	TEST=	0
INDE	7	9	58	FOBS=	228.4	SIGMA=	1.1	PHAS=	10.0	FOM=	0.98	TEST=	0
INDE	7	9	60	FOBS=	41.5	SIGMA=	6.2	PHAS=	115.2	FOM=	0.54	TEST=	0
INDE	7	9	62	FOBS=	103.9	SIGMA=	2.5	PHAS=	-143.1	FOM=	0.88	TEST=	0
INDE	7	9	64	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	9	66	FOBS=	35.2	SIGMA=	9.9	PHAS=	-47.2	FOM=	0.09	TEST=	0

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INDE	7	9	72	FOBS=	2.8	SIGMA=	142.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	7	9	74	FOBS=	88.9	SIGMA=	4.6	PHAS=	-160.7	FOM=	0.91	TEST=	0
INDE	7	9	76	FOBS=	0.0	SIGMA=	28.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	10	15	FOBS=	416.1	SIGMA=	0.4	PHAS=	-10.0	FOM=	0.92	TEST=	0
INDE	7	10	17	FOBS=	77.9	SIGMA=	0.7	PHAS=	104.1	FOM=	0.94	TEST=	0
INDE	7	10	19	FOBS=	119.4	SIGMA=	0.5	PHAS=	59.4	FOM=	0.83	TEST=	0
INDE	7	10	21	FOBS=	132.5	SIGMA=	0.5	PHAS=	108.2	FOM=	0.93	TEST=	0
INDE	7	10	23	FOBS=	187.5	SIGMA=	0.5	PHAS=	175.5	FOM=	0.96	TEST=	0
INDE	7	10	25	FOBS=	51.3	SIGMA=	1.3	PHAS=	28.6	FOM=	0.99	TEST=	0
INDE	7	10	27	FOBS=	143.9	SIGMA=	0.6	PHAS=	39.4	FOM=	0.97	TEST=	0
INDE	7	10	29	FOBS=	153.1	SIGMA=	0.7	PHAS=	164.1	FOM=	0.97	TEST=	0
INDE	7	10	31	FOBS=	114.4	SIGMA=	1.0	PHAS=	-102.1	FOM=	0.92	TEST=	0
INDE	7	10	33	FOBS=	373.3	SIGMA=	0.7	PHAS=	172.0	FOM=	0.96	TEST=	0
INDE	7	10	35	FOBS=	188.0	SIGMA=	1.1	PHAS=	-13.8	FOM=	0.70	TEST=	0
INDE	7	10	37	FOBS=	166.1	SIGMA=	0.9	PHAS=	-18.3	FOM=	0.97	TEST=	0
INDE	7	10	39	FOBS=	241.0	SIGMA=	0.8	PHAS=	119.7	FOM=	0.97	TEST=	0
INDE	7	10	41	FOBS=	290.7	SIGMA=	0.8	PHAS=	132.9	FOM=	0.95	TEST=	0
INDE	7	10	43	FOBS=	127.5	SIGMA=	1.2	PHAS=	-89.1	FOM=	0.83	TEST=	0
INDE	7	10	45	FOBS=	65.1	SIGMA=	1.9	PHAS=	-65.3	FOM=	0.87	TEST=	1
INDE	7	10	47	FOBS=	210.0	SIGMA=	1.2	PHAS=	71.0	FOM=	0.94	TEST=	0
INDE	7	10	49	FOBS=	61.2	SIGMA=	3.8	PHAS=	124.2	FOM=	0.72	TEST=	0
INDE	7	10	51	FOBS=	70.9	SIGMA=	2.9	PHAS=	-86.5	FOM=	0.38	TEST=	0
INDE	7	10	53	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	10	55	FOBS=	59.7	SIGMA=	3.3	PHAS=	56.0	FOM=	0.57	TEST=	0
INDE	7	10	57	FOBS=	98.1	SIGMA=	2.0	PHAS=	-115.3	FOM=	0.88	TEST=	0
INDE	7	10	59	FOBS=	24.1	SIGMA=	7.9	PHAS=	100.3	FOM=	0.21	TEST=	0
INDE	7	10	61	FOBS=	56.9	SIGMA=	3.3	PHAS=	-168.1	FOM=	0.09	TEST=	0
INDE	7	10	63	FOBS=	76.1	SIGMA=	3.2	PHAS=	158.0	FOM=	0.60	TEST=	0
INDE	7	10	65	FOBS=	58.5	SIGMA=	6.0	PHAS=	-126.9	FOM=	0.83	TEST=	0
INDE	7	10	73	FOBS=	60.7	SIGMA=	6.8	PHAS=	41.6	FOM=	0.86	TEST=	0
INDE	7	10	75	FOBS=	20.6	SIGMA=	20.0	PHAS=	151.6	FOM=	0.26	TEST=	0
INDE	7	11	14	FOBS=	327.6	SIGMA=	0.5	PHAS=	-51.0	FOM=	0.98	TEST=	0
INDE	7	11	16	FOBS=	224.4	SIGMA=	0.4	PHAS=	-68.2	FOM=	0.86	TEST=	0
INDE	7	11	18	FOBS=	102.7	SIGMA=	0.5	PHAS=	-11.7	FOM=	0.78	TEST=	0
INDE	7	11	20	FOBS=	60.7	SIGMA=	0.8	PHAS=	-76.3	FOM=	0.90	TEST=	0
INDE	7	11	22	FOBS=	53.1	SIGMA=	1.0	PHAS=	45.9	FOM=	0.95	TEST=	0
INDE	7	11	24	FOBS=	173.7	SIGMA=	0.4	PHAS=	5.1	FOM=	0.99	TEST=	0
INDE	7	11	26	FOBS=	170.1	SIGMA=	0.5	PHAS=	-99.6	FOM=	0.99	TEST=	0
INDE	7	11	28	FOBS=	119.2	SIGMA=	0.6	PHAS=	-76.7	FOM=	0.96	TEST=	0
INDE	7	11	30	FOBS=	168.5	SIGMA=	0.5	PHAS=	59.2	FOM=	0.94	TEST=	0
INDE	7	11	32	FOBS=	178.3	SIGMA=	0.5	PHAS=	127.2	FOM=	0.94	TEST=	0
INDE	7	11	34	FOBS=	81.7	SIGMA=	1.2	PHAS=	-157.4	FOM=	0.70	TEST=	0
INDE	7	11	36	FOBS=	193.6	SIGMA=	0.6	PHAS=	-129.9	FOM=	0.86	TEST=	0
INDE	7	11	38	FOBS=	222.4	SIGMA=	0.7	PHAS=	-128.4	FOM=	0.79	TEST=	1
INDE	7	11	40	FOBS=	166.9	SIGMA=	0.7	PHAS=	16.4	FOM=	0.90	TEST=	0
INDE	7	11	42	FOBS=	282.9	SIGMA=	0.6	PHAS=	109.7	FOM=	0.89	TEST=	0
INDE	7	11	44	FOBS=	196.8	SIGMA=	1.2	PHAS=	-98.6	FOM=	0.77	TEST=	1
INDE	7	11	46	FOBS=	313.5	SIGMA=	0.9	PHAS=	-4.1	FOM=	0.95	TEST=	0
INDE	7	11	48	FOBS=	32.5	SIGMA=	6.9	PHAS=	-51.2	FOM=	0.32	TEST=	0
INDE	7	11	50	FOBS=	151.4	SIGMA=	1.4	PHAS=	78.4	FOM=	0.96	TEST=	0
INDE	7	11	52	FOBS=	64.5	SIGMA=	3.2	PHAS=	-128.4	FOM=	0.07	TEST=	0
INDE	7	11	54	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	11	56	FOBS=	69.2	SIGMA=	2.9	PHAS=	-63.9	FOM=	0.80	TEST=	0
INDE	7	11	58	FOBS=	102.4	SIGMA=	2.0	PHAS=	88.9	FOM=	0.88	TEST=	0
INDE	7	11	60	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	11	62	FOBS=	12.3	SIGMA=	16.7	PHAS=	32.7	FOM=	0.19	TEST=	0
INDE	7	11	64	FOBS=	43.0	SIGMA=	7.4	PHAS=	-140.2	FOM=	0.37	TEST=	0
INDE	7	11	66	FOBS=	0.0	SIGMA=	31.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	11	72	FOBS=	48.8	SIGMA=	8.5	PHAS=	-37.0	FOM=	0.58	TEST=	0
INDE	7	11	74	FOBS=	0.0	SIGMA=	29.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	11	76	FOBS=	45.4	SIGMA=	9.3	PHAS=	123.3	FOM=	0.60	TEST=	0
INDE	7	12	13	FOBS=	155.9	SIGMA=	0.4	PHAS=	-23.8	FOM=	0.68	TEST=	0
INDE	7	12	15	FOBS=	124.4	SIGMA=	0.5	PHAS=	-119.9	FOM=	0.99	TEST=	0
INDE	7	12	17	FOBS=	289.4	SIGMA=	0.4	PHAS=	173.9	FOM=	0.81	TEST=	0
INDE	7	12	19	FOBS=	88.1	SIGMA=	0.6	PHAS=	174.5	FOM=	0.22	TEST=	0
INDE	7	12	21	FOBS=	128.8	SIGMA=	0.5	PHAS=	-177.9	FOM=	0.66	TEST=	0
INDE	7	12	23	FOBS=	170.9	SIGMA=	0.5	PHAS=	-98.2	FOM=	0.92	TEST=	0
INDE	7	12	25	FOBS=	99.9	SIGMA=	0.7	PHAS=	165.1	FOM=	0.88	TEST=	1
INDE	7	12	27	FOBS=	131.2	SIGMA=	0.6	PHAS=	-171.8	FOM=	0.92	TEST=	0
INDE	7	12	29	FOBS=	71.7	SIGMA=	1.0	PHAS=	143.9	FOM=	0.99	TEST=	0

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INDE	7	12	31	FOBS=	123.6	SIGMA=	0.6	PHAS=	3.0	FOM=	0.94	TEST=	0
INDE	7	12	33	FOBS=	246.9	SIGMA=	0.5	PHAS=	151.7	FOM=	0.95	TEST=	0
INDE	7	12	35	FOBS=	220.9	SIGMA=	0.6	PHAS=	171.6	FOM=	0.82	TEST=	0
INDE	7	12	37	FOBS=	264.0	SIGMA=	0.6	PHAS=	158.9	FOM=	0.96	TEST=	0
INDE	7	12	39	FOBS=	242.8	SIGMA=	0.7	PHAS=	125.2	FOM=	0.93	TEST=	0
INDE	7	12	41	FOBS=	227.9	SIGMA=	0.9	PHAS=	42.8	FOM=	0.97	TEST=	0
INDE	7	12	43	FOBS=	276.1	SIGMA=	0.6	PHAS=	-35.8	FOM=	0.96	TEST=	0
INDE	7	12	45	FOBS=	153.6	SIGMA=	1.1	PHAS=	-133.2	FOM=	0.94	TEST=	0
INDE	7	12	47	FOBS=	108.4	SIGMA=	2.0	PHAS=	-95.9	FOM=	0.85	TEST=	0
INDE	7	12	49	FOBS=	94.7	SIGMA=	2.2	PHAS=	179.5	FOM=	0.93	TEST=	0
INDE	7	12	51	FOBS=	140.6	SIGMA=	1.5	PHAS=	7.5	FOM=	0.93	TEST=	0
INDE	7	12	53	FOBS=	33.5	SIGMA=	5.9	PHAS=	125.0	FOM=	0.43	TEST=	0
INDE	7	12	55	FOBS=	47.8	SIGMA=	4.2	PHAS=	-70.2	FOM=	0.39	TEST=	0
INDE	7	12	57	FOBS=	26.3	SIGMA=	8.1	PHAS=	44.6	FOM=	0.30	TEST=	0
INDE	7	12	59	FOBS=	69.7	SIGMA=	2.8	PHAS=	14.7	FOM=	0.53	TEST=	0
INDE	7	12	61	FOBS=	65.0	SIGMA=	3.0	PHAS=	-11.7	FOM=	0.59	TEST=	0
INDE	7	12	63	FOBS=	37.4	SIGMA=	5.6	PHAS=	-75.2	FOM=	0.66	TEST=	0
INDE	7	12	65	FOBS=	66.0	SIGMA=	4.1	PHAS=	-93.8	FOM=	0.69	TEST=	0
INDE	7	12	67	FOBS=	25.5	SIGMA=	16.8	PHAS=	88.6	FOM=	0.18	TEST=	0
INDE	7	12	73	FOBS=	0.0	SIGMA=	29.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	12	75	FOBS=	0.0	SIGMA=	29.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	13	12	FOBS=	159.7	SIGMA=	0.5	PHAS=	150.0	FOM=	0.34	TEST=	0
INDE	7	13	14	FOBS=	235.6	SIGMA=	0.6	PHAS=	-124.7	FOM=	0.92	TEST=	0
INDE	7	13	16	FOBS=	53.3	SIGMA=	1.0	PHAS=	70.8	FOM=	0.94	TEST=	0
INDE	7	13	18	FOBS=	223.2	SIGMA=	0.4	PHAS=	67.9	FOM=	0.86	TEST=	0
INDE	7	13	20	FOBS=	93.2	SIGMA=	0.6	PHAS=	22.3	FOM=	0.94	TEST=	0
INDE	7	13	22	FOBS=	175.0	SIGMA=	0.5	PHAS=	90.2	FOM=	0.97	TEST=	1
INDE	7	13	24	FOBS=	161.4	SIGMA=	0.5	PHAS=	-29.4	FOM=	0.97	TEST=	0
INDE	7	13	26	FOBS=	71.1	SIGMA=	1.0	PHAS=	-33.2	FOM=	0.82	TEST=	0
INDE	7	13	28	FOBS=	117.9	SIGMA=	0.6	PHAS=	126.3	FOM=	0.99	TEST=	0
INDE	7	13	30	FOBS=	279.4	SIGMA=	0.4	PHAS=	77.1	FOM=	0.93	TEST=	0
INDE	7	13	32	FOBS=	165.2	SIGMA=	0.5	PHAS=	140.2	FOM=	0.93	TEST=	0
INDE	7	13	34	FOBS=	194.2	SIGMA=	0.5	PHAS=	163.4	FOM=	0.91	TEST=	0
INDE	7	13	36	FOBS=	204.3	SIGMA=	0.6	PHAS=	41.7	FOM=	0.85	TEST=	1
INDE	7	13	38	FOBS=	429.8	SIGMA=	0.6	PHAS=	-169.7	FOM=	0.61	TEST=	0
INDE	7	13	40	FOBS=	150.0	SIGMA=	1.2	PHAS=	-8.5	FOM=	0.93	TEST=	0
INDE	7	13	42	FOBS=	127.0	SIGMA=	1.0	PHAS=	-48.0	FOM=	0.96	TEST=	0
INDE	7	13	44	FOBS=	107.6	SIGMA=	1.4	PHAS=	-127.5	FOM=	0.98	TEST=	0
INDE	7	13	46	FOBS=	199.1	SIGMA=	1.2	PHAS=	-171.6	FOM=	0.93	TEST=	0
INDE	7	13	48	FOBS=	110.2	SIGMA=	1.9	PHAS=	20.3	FOM=	0.90	TEST=	0
INDE	7	13	50	FOBS=	118.4	SIGMA=	1.8	PHAS=	44.3	FOM=	0.85	TEST=	0
INDE	7	13	52	FOBS=	145.3	SIGMA=	1.5	PHAS=	12.9	FOM=	0.91	TEST=	0
INDE	7	13	54	FOBS=	81.1	SIGMA=	2.5	PHAS=	156.9	FOM=	0.42	TEST=	1
INDE	7	13	56	FOBS=	78.6	SIGMA=	2.5	PHAS=	-73.3	FOM=	0.81	TEST=	0
INDE	7	13	58	FOBS=	75.5	SIGMA=	2.6	PHAS=	138.9	FOM=	0.86	TEST=	0
INDE	7	13	60	FOBS=	161.2	SIGMA=	1.3	PHAS=	-90.3	FOM=	0.75	TEST=	1
INDE	7	13	62	FOBS=	57.7	SIGMA=	3.4	PHAS=	-156.0	FOM=	0.54	TEST=	0
INDE	7	13	64	FOBS=	46.9	SIGMA=	5.8	PHAS=	-159.7	FOM=	0.65	TEST=	0
INDE	7	13	66	FOBS=	43.8	SIGMA=	10.0	PHAS=	-67.1	FOM=	0.46	TEST=	0
INDE	7	13	68	FOBS=	43.4	SIGMA=	9.9	PHAS=	-102.3	FOM=	0.53	TEST=	0
INDE	7	13	70	FOBS=	19.7	SIGMA=	22.1	PHAS=	-117.6	FOM=	0.07	TEST=	0
INDE	7	13	74	FOBS=	0.0	SIGMA=	29.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	13	76	FOBS=	0.0	SIGMA=	30.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	14	9	FOBS=	265.6	SIGMA=	0.5	PHAS=	-76.2	FOM=	0.69	TEST=	0
INDE	7	14	11	FOBS=	290.8	SIGMA=	0.5	PHAS=	-14.3	FOM=	0.89	TEST=	0
INDE	7	14	13	FOBS=	66.3	SIGMA=	0.8	PHAS=	129.3	FOM=	0.95	TEST=	0
INDE	7	14	15	FOBS=	256.1	SIGMA=	0.5	PHAS=	144.9	FOM=	0.79	TEST=	1
INDE	7	14	17	FOBS=	50.8	SIGMA=	1.1	PHAS=	57.3	FOM=	0.96	TEST=	0
INDE	7	14	19	FOBS=	100.2	SIGMA=	0.6	PHAS=	-5.5	FOM=	0.96	TEST=	0
INDE	7	14	21	FOBS=	176.3	SIGMA=	0.5	PHAS=	-134.5	FOM=	0.96	TEST=	0
INDE	7	14	23	FOBS=	73.2	SIGMA=	0.9	PHAS=	142.6	FOM=	0.57	TEST=	0
INDE	7	14	25	FOBS=	49.4	SIGMA=	1.4	PHAS=	-46.9	FOM=	0.97	TEST=	1
INDE	7	14	27	FOBS=	52.0	SIGMA=	1.3	PHAS=	-136.2	FOM=	0.91	TEST=	0
INDE	7	14	29	FOBS=	264.7	SIGMA=	0.4	PHAS=	35.9	FOM=	0.98	TEST=	1
INDE	7	14	31	FOBS=	330.9	SIGMA=	0.4	PHAS=	28.3	FOM=	0.96	TEST=	0
INDE	7	14	33	FOBS=	194.7	SIGMA=	0.5	PHAS=	108.3	FOM=	0.95	TEST=	0
INDE	7	14	35	FOBS=	99.1	SIGMA=	0.9	PHAS=	-90.5	FOM=	0.95	TEST=	0
INDE	7	14	37	FOBS=	174.6	SIGMA=	0.7	PHAS=	91.6	FOM=	0.41	TEST=	0
INDE	7	14	39	FOBS=	175.9	SIGMA=	0.8	PHAS=	173.0	FOM=	0.88	TEST=	0
INDE	7	14	41	FOBS=	89.5	SIGMA=	1.4	PHAS=	-13.9	FOM=	0.74	TEST=	0

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INDE	7	14	43	FOBS=	55.7	SIGMA=	2.8	PHAS=	-98.9	FOM=	0.87	TEST=	0
INDE	7	14	45	FOBS=	245.9	SIGMA=	0.7	PHAS=	117.0	FOM=	0.95	TEST=	0
INDE	7	14	47	FOBS=	143.2	SIGMA=	1.5	PHAS=	19.1	FOM=	0.05	TEST=	1
INDE	7	14	49	FOBS=	56.7	SIGMA=	3.6	PHAS=	-77.9	FOM=	0.44	TEST=	0
INDE	7	14	51	FOBS=	209.1	SIGMA=	1.1	PHAS=	-37.7	FOM=	0.95	TEST=	0
INDE	7	14	53	FOBS=	150.7	SIGMA=	1.4	PHAS=	169.1	FOM=	0.96	TEST=	0
INDE	7	14	55	FOBS=	45.8	SIGMA=	4.3	PHAS=	-71.4	FOM=	0.13	TEST=	0
INDE	7	14	57	FOBS=	137.1	SIGMA=	1.5	PHAS=	81.1	FOM=	0.96	TEST=	0
INDE	7	14	59	FOBS=	137.0	SIGMA=	1.5	PHAS=	113.3	FOM=	0.92	TEST=	0
INDE	7	14	61	FOBS=	159.9	SIGMA=	1.3	PHAS=	162.0	FOM=	0.96	TEST=	0
INDE	7	14	63	FOBS=	62.1	SIGMA=	4.3	PHAS=	5.3	FOM=	0.54	TEST=	0
INDE	7	14	65	FOBS=	103.1	SIGMA=	2.7	PHAS=	-135.8	FOM=	0.93	TEST=	0
INDE	7	14	67	FOBS=	83.9	SIGMA=	5.3	PHAS=	-103.6	FOM=	0.80	TEST=	0
INDE	7	14	69	FOBS=	81.7	SIGMA=	5.5	PHAS=	-122.9	FOM=	0.88	TEST=	0
INDE	7	14	71	FOBS=	38.8	SIGMA=	11.4	PHAS=	108.0	FOM=	0.49	TEST=	0
INDE	7	14	75	FOBS=	48.5	SIGMA=	9.5	PHAS=	-88.0	FOM=	0.58	TEST=	0
INDE	7	15	8	FOBS=	226.0	SIGMA=	0.4	PHAS=	-155.0	FOM=	0.97	TEST=	0
INDE	7	15	10	FOBS=	56.0	SIGMA=	0.9	PHAS=	-151.5	FOM=	0.70	TEST=	0
INDE	7	15	12	FOBS=	322.4	SIGMA=	0.5	PHAS=	116.0	FOM=	0.17	TEST=	1
INDE	7	15	14	FOBS=	283.9	SIGMA=	0.5	PHAS=	52.5	FOM=	0.91	TEST=	0
INDE	7	15	16	FOBS=	108.5	SIGMA=	0.5	PHAS=	91.8	FOM=	0.39	TEST=	0
INDE	7	15	18	FOBS=	85.1	SIGMA=	0.7	PHAS=	-94.4	FOM=	0.96	TEST=	0
INDE	7	15	20	FOBS=	36.2	SIGMA=	1.7	PHAS=	65.5	FOM=	0.99	TEST=	0
INDE	7	15	22	FOBS=	176.5	SIGMA=	0.5	PHAS=	44.7	FOM=	0.97	TEST=	0
INDE	7	15	24	FOBS=	122.3	SIGMA=	0.6	PHAS=	-46.5	FOM=	0.99	TEST=	0
INDE	7	15	26	FOBS=	129.7	SIGMA=	0.7	PHAS=	62.3	FOM=	0.89	TEST=	0
INDE	7	15	28	FOBS=	196.0	SIGMA=	0.5	PHAS=	-26.9	FOM=	0.89	TEST=	1
INDE	7	15	30	FOBS=	128.4	SIGMA=	0.6	PHAS=	20.9	FOM=	0.97	TEST=	0
INDE	7	15	32	FOBS=	299.4	SIGMA=	0.5	PHAS=	-30.5	FOM=	0.95	TEST=	0
INDE	7	15	34	FOBS=	241.2	SIGMA=	0.5	PHAS=	84.5	FOM=	0.97	TEST=	0
INDE	7	15	36	FOBS=	190.4	SIGMA=	0.6	PHAS=	67.9	FOM=	0.96	TEST=	0
INDE	7	15	38	FOBS=	206.3	SIGMA=	0.8	PHAS=	-66.3	FOM=	0.95	TEST=	0
INDE	7	15	40	FOBS=	280.4	SIGMA=	0.7	PHAS=	-123.0	FOM=	0.91	TEST=	0
INDE	7	15	42	FOBS=	173.3	SIGMA=	0.8	PHAS=	-53.3	FOM=	0.90	TEST=	0
INDE	7	15	44	FOBS=	145.0	SIGMA=	1.5	PHAS=	64.5	FOM=	0.89	TEST=	0
INDE	7	15	46	FOBS=	276.3	SIGMA=	0.9	PHAS=	166.1	FOM=	0.84	TEST=	1
INDE	7	15	48	FOBS=	97.5	SIGMA=	2.2	PHAS=	31.9	FOM=	0.55	TEST=	0
INDE	7	15	50	FOBS=	67.4	SIGMA=	3.1	PHAS=	-104.9	FOM=	0.45	TEST=	0
INDE	7	15	52	FOBS=	257.9	SIGMA=	0.9	PHAS=	121.3	FOM=	0.97	TEST=	0
INDE	7	15	54	FOBS=	52.8	SIGMA=	3.8	PHAS=	8.5	FOM=	0.72	TEST=	0
INDE	7	15	56	FOBS=	169.6	SIGMA=	1.3	PHAS=	-44.6	FOM=	0.96	TEST=	0
INDE	7	15	58	FOBS=	156.7	SIGMA=	1.3	PHAS=	24.2	FOM=	0.95	TEST=	0
INDE	7	15	60	FOBS=	136.0	SIGMA=	1.5	PHAS=	35.0	FOM=	0.88	TEST=	1
INDE	7	15	62	FOBS=	26.4	SIGMA=	7.1	PHAS=	76.1	FOM=	0.66	TEST=	0
INDE	7	15	64	FOBS=	102.3	SIGMA=	2.8	PHAS=	88.3	FOM=	0.04	TEST=	1
INDE	7	15	66	FOBS=	155.9	SIGMA=	3.0	PHAS=	146.4	FOM=	0.97	TEST=	0
INDE	7	15	68	FOBS=	66.1	SIGMA=	6.8	PHAS=	165.2	FOM=	0.76	TEST=	0
INDE	7	15	70	FOBS=	68.3	SIGMA=	6.6	PHAS=	146.5	FOM=	0.56	TEST=	0
INDE	7	15	72	FOBS=	44.7	SIGMA=	10.2	PHAS=	111.2	FOM=	0.72	TEST=	0
INDE	7	15	74	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	16	7	FOBS=	176.2	SIGMA=	0.4	PHAS=	143.6	FOM=	0.89	TEST=	0
INDE	7	16	9	FOBS=	280.7	SIGMA=	0.5	PHAS=	96.3	FOM=	0.93	TEST=	0
INDE	7	16	11	FOBS=	43.4	SIGMA=	1.2	PHAS=	-40.2	FOM=	0.92	TEST=	0
INDE	7	16	13	FOBS=	129.1	SIGMA=	0.6	PHAS=	-71.8	FOM=	0.60	TEST=	0
INDE	7	16	15	FOBS=	226.4	SIGMA=	0.6	PHAS=	-67.3	FOM=	0.92	TEST=	0
INDE	7	16	17	FOBS=	147.8	SIGMA=	0.5	PHAS=	-148.1	FOM=	0.86	TEST=	0
INDE	7	16	19	FOBS=	121.2	SIGMA=	0.5	PHAS=	28.6	FOM=	0.99	TEST=	0
INDE	7	16	21	FOBS=	150.0	SIGMA=	0.5	PHAS=	-158.0	FOM=	0.97	TEST=	0
INDE	7	16	23	FOBS=	268.6	SIGMA=	0.5	PHAS=	-132.6	FOM=	0.96	TEST=	0
INDE	7	16	25	FOBS=	65.7	SIGMA=	1.1	PHAS=	2.8	FOM=	0.99	TEST=	0
INDE	7	16	27	FOBS=	161.4	SIGMA=	0.5	PHAS=	-105.7	FOM=	0.92	TEST=	0
INDE	7	16	29	FOBS=	105.9	SIGMA=	0.8	PHAS=	-61.4	FOM=	0.99	TEST=	0
INDE	7	16	31	FOBS=	157.8	SIGMA=	0.6	PHAS=	-18.5	FOM=	0.87	TEST=	1
INDE	7	16	33	FOBS=	257.2	SIGMA=	0.5	PHAS=	-89.4	FOM=	0.98	TEST=	0
INDE	7	16	35	FOBS=	415.9	SIGMA=	0.5	PHAS=	-16.7	FOM=	0.99	TEST=	0
INDE	7	16	37	FOBS=	76.0	SIGMA=	1.3	PHAS=	-80.5	FOM=	0.98	TEST=	0
INDE	7	16	39	FOBS=	144.1	SIGMA=	0.8	PHAS=	171.4	FOM=	0.93	TEST=	0
INDE	7	16	41	FOBS=	208.8	SIGMA=	0.7	PHAS=	92.6	FOM=	0.88	TEST=	0
INDE	7	16	43	FOBS=	65.3	SIGMA=	3.1	PHAS=	62.2	FOM=	0.88	TEST=	0
INDE	7	16	45	FOBS=	170.3	SIGMA=	1.4	PHAS=	81.7	FOM=	0.96	TEST=	0

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INDE	7	16	47	FOBS=	73.2	SIGMA=	3.0	PHAS=	-86.1	FOM=	0.18	TEST=	1
INDE	7	16	49	FOBS=	30.0	SIGMA=	6.9	PHAS=	82.2	FOM=	0.22	TEST=	0
INDE	7	16	51	FOBS=	92.7	SIGMA=	2.3	PHAS=	0.9	FOM=	0.92	TEST=	0
INDE	7	16	53	FOBS=	70.4	SIGMA=	2.9	PHAS=	124.7	FOM=	0.81	TEST=	0
INDE	7	16	55	FOBS=	173.7	SIGMA=	1.3	PHAS=	-106.0	FOM=	0.96	TEST=	0
INDE	7	16	57	FOBS=	135.9	SIGMA=	1.5	PHAS=	-117.1	FOM=	0.91	TEST=	0
INDE	7	16	59	FOBS=	105.7	SIGMA=	1.9	PHAS=	-78.4	FOM=	0.93	TEST=	0
INDE	7	16	61	FOBS=	31.5	SIGMA=	6.1	PHAS=	34.5	FOM=	0.80	TEST=	0
INDE	7	16	63	FOBS=	64.2	SIGMA=	3.6	PHAS=	57.8	FOM=	0.87	TEST=	0
INDE	7	16	65	FOBS=	98.1	SIGMA=	3.4	PHAS=	47.1	FOM=	0.93	TEST=	0
INDE	7	16	67	FOBS=	52.5	SIGMA=	8.2	PHAS=	98.3	FOM=	0.69	TEST=	0
INDE	7	16	69	FOBS=	65.1	SIGMA=	6.8	PHAS=	-153.9	FOM=	0.72	TEST=	0
INDE	7	16	71	FOBS=	45.5	SIGMA=	9.9	PHAS=	58.7	FOM=	0.62	TEST=	0
INDE	7	16	73	FOBS=	67.0	SIGMA=	7.0	PHAS=	55.0	FOM=	0.81	TEST=	0
INDE	7	16	75	FOBS=	16.6	SIGMA=	20.3	PHAS=	83.0	FOM=	0.06	TEST=	0
INDE	7	17	8	FOBS=	108.4	SIGMA=	0.5	PHAS=	-27.1	FOM=	0.83	TEST=	0
INDE	7	17	10	FOBS=	192.4	SIGMA=	0.4	PHAS=	56.5	FOM=	0.90	TEST=	0
INDE	7	17	12	FOBS=	57.2	SIGMA=	1.0	PHAS=	-62.0	FOM=	0.91	TEST=	0
INDE	7	17	14	FOBS=	186.4	SIGMA=	0.7	PHAS=	179.1	FOM=	0.84	TEST=	0
INDE	7	17	16	FOBS=	187.3	SIGMA=	0.6	PHAS=	158.0	FOM=	0.98	TEST=	0
INDE	7	17	18	FOBS=	42.5	SIGMA=	1.5	PHAS=	-168.5	FOM=	0.85	TEST=	1
INDE	7	17	20	FOBS=	18.6	SIGMA=	3.4	PHAS=	148.3	FOM=	0.95	TEST=	0
INDE	7	17	22	FOBS=	294.1	SIGMA=	0.4	PHAS=	104.1	FOM=	0.98	TEST=	0
INDE	7	17	24	FOBS=	110.3	SIGMA=	0.8	PHAS=	156.3	FOM=	0.99	TEST=	0
INDE	7	17	26	FOBS=	163.7	SIGMA=	0.6	PHAS=	2.6	FOM=	0.92	TEST=	0
INDE	7	17	28	FOBS=	95.4	SIGMA=	0.8	PHAS=	-70.6	FOM=	0.93	TEST=	0
INDE	7	17	30	FOBS=	110.2	SIGMA=	0.8	PHAS=	-130.8	FOM=	0.96	TEST=	0
INDE	7	17	32	FOBS=	195.8	SIGMA=	0.5	PHAS=	-37.1	FOM=	0.97	TEST=	0
INDE	7	17	34	FOBS=	131.1	SIGMA=	0.9	PHAS=	-122.1	FOM=	0.98	TEST=	0
INDE	7	17	36	FOBS=	420.5	SIGMA=	0.5	PHAS=	-133.1	FOM=	0.97	TEST=	0
INDE	7	17	38	FOBS=	171.9	SIGMA=	0.7	PHAS=	-91.5	FOM=	0.81	TEST=	0
INDE	7	17	40	FOBS=	141.0	SIGMA=	1.1	PHAS=	133.9	FOM=	0.85	TEST=	0
INDE	7	17	42	FOBS=	266.5	SIGMA=	0.9	PHAS=	18.6	FOM=	0.96	TEST=	0
INDE	7	17	44	FOBS=	265.5	SIGMA=	1.1	PHAS=	70.9	FOM=	0.98	TEST=	0
INDE	7	17	46	FOBS=	22.8	SIGMA=	9.6	PHAS=	123.6	FOM=	0.15	TEST=	0
INDE	7	17	48	FOBS=	129.8	SIGMA=	1.2	PHAS=	-108.7	FOM=	0.95	TEST=	0
INDE	7	17	50	FOBS=	105.3	SIGMA=	2.0	PHAS=	48.8	FOM=	0.84	TEST=	0
INDE	7	17	52	FOBS=	221.5	SIGMA=	1.1	PHAS=	112.8	FOM=	0.89	TEST=	0
INDE	7	17	54	FOBS=	92.9	SIGMA=	2.2	PHAS=	103.8	FOM=	0.75	TEST=	0
INDE	7	17	56	FOBS=	170.9	SIGMA=	1.3	PHAS=	-152.3	FOM=	0.96	TEST=	0
INDE	7	17	58	FOBS=	47.1	SIGMA=	4.2	PHAS=	89.4	FOM=	0.73	TEST=	0
INDE	7	17	60	FOBS=	64.8	SIGMA=	3.0	PHAS=	153.1	FOM=	0.88	TEST=	0
INDE	7	17	62	FOBS=	157.1	SIGMA=	1.6	PHAS=	-53.8	FOM=	0.96	TEST=	0
INDE	7	17	64	FOBS=	123.3	SIGMA=	2.3	PHAS=	-47.1	FOM=	0.97	TEST=	0
INDE	7	17	66	FOBS=	34.2	SIGMA=	13.0	PHAS=	47.4	FOM=	0.47	TEST=	0
INDE	7	17	68	FOBS=	80.1	SIGMA=	5.5	PHAS=	143.8	FOM=	0.53	TEST=	0
INDE	7	17	70	FOBS=	0.0	SIGMA=	29.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	17	72	FOBS=	34.6	SIGMA=	13.3	PHAS=	30.6	FOM=	0.61	TEST=	0
INDE	7	17	74	FOBS=	65.6	SIGMA=	7.4	PHAS=	97.6	FOM=	0.82	TEST=	0
INDE	7	18	7	FOBS=	311.6	SIGMA=	0.4	PHAS=	-149.3	FOM=	0.95	TEST=	0
INDE	7	18	9	FOBS=	106.1	SIGMA=	0.6	PHAS=	118.0	FOM=	0.94	TEST=	0
INDE	7	18	11	FOBS=	232.3	SIGMA=	0.5	PHAS=	13.3	FOM=	0.88	TEST=	0
INDE	7	18	13	FOBS=	111.7	SIGMA=	0.7	PHAS=	-73.2	FOM=	0.95	TEST=	1
INDE	7	18	15	FOBS=	100.5	SIGMA=	0.9	PHAS=	-176.1	FOM=	0.92	TEST=	0
INDE	7	18	17	FOBS=	75.9	SIGMA=	1.0	PHAS=	151.8	FOM=	0.97	TEST=	0
INDE	7	18	19	FOBS=	81.1	SIGMA=	0.9	PHAS=	-10.4	FOM=	0.99	TEST=	0
INDE	7	18	21	FOBS=	92.8	SIGMA=	0.8	PHAS=	96.6	FOM=	0.96	TEST=	0
INDE	7	18	23	FOBS=	112.2	SIGMA=	0.7	PHAS=	132.4	FOM=	0.98	TEST=	0
INDE	7	18	25	FOBS=	72.4	SIGMA=	1.1	PHAS=	-4.1	FOM=	0.95	TEST=	0
INDE	7	18	27	FOBS=	98.1	SIGMA=	0.8	PHAS=	-102.7	FOM=	0.94	TEST=	0
INDE	7	18	29	FOBS=	301.0	SIGMA=	0.4	PHAS=	-111.8	FOM=	0.96	TEST=	0
INDE	7	18	31	FOBS=	84.6	SIGMA=	1.0	PHAS=	-110.0	FOM=	0.99	TEST=	1
INDE	7	18	33	FOBS=	209.2	SIGMA=	0.6	PHAS=	-86.0	FOM=	0.98	TEST=	0
INDE	7	18	35	FOBS=	260.5	SIGMA=	0.5	PHAS=	147.8	FOM=	0.91	TEST=	0
INDE	7	18	37	FOBS=	360.9	SIGMA=	0.6	PHAS=	171.2	FOM=	0.95	TEST=	0
INDE	7	18	39	FOBS=	128.7	SIGMA=	1.2	PHAS=	118.0	FOM=	0.74	TEST=	0
INDE	7	18	41	FOBS=	227.6	SIGMA=	0.8	PHAS=	-52.0	FOM=	0.94	TEST=	0
INDE	7	18	43	FOBS=	165.5	SIGMA=	1.1	PHAS=	19.1	FOM=	0.92	TEST=	1
INDE	7	18	45	FOBS=	200.2	SIGMA=	1.2	PHAS=	-95.5	FOM=	0.92	TEST=	0
INDE	7	18	47	FOBS=	173.4	SIGMA=	1.3	PHAS=	-96.1	FOM=	0.95	TEST=	0

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INDE	7	18	49	FOBS=	0.0	SIGMA=	13.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	7	18	51	FOBS=	136.9	SIGMA=	1.6	PHAS=	30.8	FOM=	0.95	TEST=	0
INDE	7	18	53	FOBS=	205.8	SIGMA=	1.1	PHAS=	87.6	FOM=	0.97	TEST=	0
INDE	7	18	55	FOBS=	109.4	SIGMA=	1.9	PHAS=	59.2	FOM=	0.93	TEST=	0
INDE	7	18	57	FOBS=	73.7	SIGMA=	2.8	PHAS=	-135.5	FOM=	0.83	TEST=	0
INDE	7	18	59	FOBS=	105.0	SIGMA=	2.0	PHAS=	37.5	FOM=	0.87	TEST=	0
INDE	7	18	61	FOBS=	35.9	SIGMA=	5.4	PHAS=	-153.9	FOM=	0.49	TEST=	0
INDE	7	18	63	FOBS=	163.1	SIGMA=	1.6	PHAS=	-140.7	FOM=	0.96	TEST=	0
INDE	7	18	65	FOBS=	141.4	SIGMA=	3.3	PHAS=	-87.2	FOM=	0.95	TEST=	0
INDE	7	18	67	FOBS=	34.1	SIGMA=	12.9	PHAS=	70.6	FOM=	0.29	TEST=	0
INDE	7	18	69	FOBS=	21.0	SIGMA=	21.2	PHAS=	-104.8	FOM=	0.01	TEST=	1
INDE	7	18	71	FOBS=	28.3	SIGMA=	15.6	PHAS=	99.4	FOM=	0.34	TEST=	0
INDE	7	18	73	FOBS=	78.4	SIGMA=	6.0	PHAS=	45.4	FOM=	0.92	TEST=	0
INDE	7	18	75	FOBS=	124.7	SIGMA=	2.9	PHAS=	45.7	FOM=	0.94	TEST=	0
INDE	7	19	8	FOBS=	189.4	SIGMA=	0.5	PHAS=	120.9	FOM=	0.93	TEST=	0
INDE	7	19	10	FOBS=	64.4	SIGMA=	1.0	PHAS=	-32.2	FOM=	0.93	TEST=	0
INDE	7	19	12	FOBS=	52.4	SIGMA=	1.2	PHAS=	-160.3	FOM=	0.95	TEST=	0
INDE	7	19	14	FOBS=	117.9	SIGMA=	0.7	PHAS=	152.0	FOM=	0.97	TEST=	0
INDE	7	19	16	FOBS=	16.5	SIGMA=	4.7	PHAS=	37.0	FOM=	0.53	TEST=	0
INDE	7	19	18	FOBS=	118.5	SIGMA=	0.7	PHAS=	-97.7	FOM=	0.99	TEST=	0
INDE	7	19	20	FOBS=	71.0	SIGMA=	1.0	PHAS=	-144.2	FOM=	0.85	TEST=	0
INDE	7	19	22	FOBS=	156.0	SIGMA=	0.6	PHAS=	103.0	FOM=	0.97	TEST=	0
INDE	7	19	24	FOBS=	179.0	SIGMA=	0.5	PHAS=	123.7	FOM=	0.95	TEST=	1
INDE	7	19	26	FOBS=	72.5	SIGMA=	1.0	PHAS=	15.3	FOM=	0.98	TEST=	0
INDE	7	19	28	FOBS=	110.4	SIGMA=	0.8	PHAS=	78.0	FOM=	0.84	TEST=	0
INDE	7	19	30	FOBS=	324.4	SIGMA=	0.5	PHAS=	-175.8	FOM=	0.99	TEST=	0
INDE	7	19	32	FOBS=	110.8	SIGMA=	0.9	PHAS=	-117.4	FOM=	0.98	TEST=	0
INDE	7	19	34	FOBS=	187.8	SIGMA=	0.7	PHAS=	97.1	FOM=	0.88	TEST=	0
INDE	7	19	36	FOBS=	494.6	SIGMA=	0.5	PHAS=	160.1	FOM=	0.97	TEST=	0
INDE	7	19	38	FOBS=	241.9	SIGMA=	0.7	PHAS=	110.7	FOM=	0.93	TEST=	0
INDE	7	19	40	FOBS=	85.6	SIGMA=	1.8	PHAS=	-29.8	FOM=	0.73	TEST=	0
INDE	7	19	42	FOBS=	137.0	SIGMA=	1.3	PHAS=	118.4	FOM=	0.92	TEST=	0
INDE	7	19	44	FOBS=	187.2	SIGMA=	1.0	PHAS=	111.7	FOM=	0.93	TEST=	0
INDE	7	19	46	FOBS=	283.0	SIGMA=	0.8	PHAS=	-179.7	FOM=	0.96	TEST=	0
INDE	7	19	48	FOBS=	162.5	SIGMA=	1.4	PHAS=	-140.1	FOM=	0.90	TEST=	0
INDE	7	19	50	FOBS=	28.3	SIGMA=	4.0	PHAS=	-48.3	FOM=	0.65	TEST=	0
INDE	7	19	52	FOBS=	188.3	SIGMA=	1.2	PHAS=	43.6	FOM=	0.97	TEST=	0
INDE	7	19	54	FOBS=	109.8	SIGMA=	1.9	PHAS=	6.8	FOM=	0.89	TEST=	0
INDE	7	19	56	FOBS=	165.6	SIGMA=	1.3	PHAS=	178.2	FOM=	0.97	TEST=	0
INDE	7	19	58	FOBS=	78.8	SIGMA=	2.6	PHAS=	157.3	FOM=	0.60	TEST=	0
INDE	7	19	60	FOBS=	70.9	SIGMA=	2.8	PHAS=	-170.2	FOM=	0.84	TEST=	0
INDE	7	19	62	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	19	64	FOBS=	39.9	SIGMA=	8.5	PHAS=	-140.8	FOM=	0.70	TEST=	0
INDE	7	19	66	FOBS=	82.4	SIGMA=	5.4	PHAS=	-155.9	FOM=	0.87	TEST=	0
INDE	7	19	68	FOBS=	66.6	SIGMA=	6.8	PHAS=	-125.6	FOM=	0.84	TEST=	0
INDE	7	19	70	FOBS=	49.5	SIGMA=	9.1	PHAS=	53.7	FOM=	0.82	TEST=	0
INDE	7	19	72	FOBS=	70.1	SIGMA=	6.7	PHAS=	-8.1	FOM=	0.88	TEST=	0
INDE	7	19	74	FOBS=	133.1	SIGMA=	3.7	PHAS=	-8.2	FOM=	0.96	TEST=	0
INDE	7	20	7	FOBS=	193.1	SIGMA=	0.5	PHAS=	-28.3	FOM=	0.89	TEST=	0
INDE	7	20	9	FOBS=	63.5	SIGMA=	1.0	PHAS=	68.7	FOM=	0.95	TEST=	0
INDE	7	20	11	FOBS=	231.6	SIGMA=	0.5	PHAS=	-61.5	FOM=	0.53	TEST=	1
INDE	7	20	13	FOBS=	51.7	SIGMA=	1.3	PHAS=	114.7	FOM=	0.89	TEST=	0
INDE	7	20	15	FOBS=	169.7	SIGMA=	0.7	PHAS=	-119.7	FOM=	0.94	TEST=	0
INDE	7	20	17	FOBS=	87.2	SIGMA=	0.9	PHAS=	-159.6	FOM=	0.96	TEST=	0
INDE	7	20	19	FOBS=	65.5	SIGMA=	1.2	PHAS=	166.1	FOM=	0.98	TEST=	0
INDE	7	20	21	FOBS=	106.9	SIGMA=	0.7	PHAS=	53.2	FOM=	0.98	TEST=	0
INDE	7	20	23	FOBS=	311.5	SIGMA=	0.5	PHAS=	92.1	FOM=	0.98	TEST=	0
INDE	7	20	25	FOBS=	24.6	SIGMA=	3.0	PHAS=	85.2	FOM=	0.89	TEST=	0
INDE	7	20	27	FOBS=	201.5	SIGMA=	0.5	PHAS=	-22.8	FOM=	0.93	TEST=	0
INDE	7	20	29	FOBS=	114.3	SIGMA=	0.8	PHAS=	-86.5	FOM=	0.98	TEST=	0
INDE	7	20	31	FOBS=	177.8	SIGMA=	0.6	PHAS=	19.0	FOM=	0.95	TEST=	0
INDE	7	20	33	FOBS=	126.7	SIGMA=	1.0	PHAS=	-61.3	FOM=	0.83	TEST=	0
INDE	7	20	35	FOBS=	168.7	SIGMA=	0.9	PHAS=	-14.0	FOM=	0.97	TEST=	0
INDE	7	20	37	FOBS=	523.9	SIGMA=	0.6	PHAS=	45.0	FOM=	0.98	TEST=	0
INDE	7	20	39	FOBS=	47.1	SIGMA=	3.2	PHAS=	-87.3	FOM=	0.88	TEST=	1
INDE	7	20	41	FOBS=	403.3	SIGMA=	0.6	PHAS=	-16.5	FOM=	0.99	TEST=	0
INDE	7	20	43	FOBS=	167.4	SIGMA=	1.1	PHAS=	-17.3	FOM=	0.89	TEST=	0
INDE	7	20	45	FOBS=	46.3	SIGMA=	4.6	PHAS=	28.4	FOM=	0.61	TEST=	0
INDE	7	20	47	FOBS=	133.0	SIGMA=	1.5	PHAS=	-120.3	FOM=	0.83	TEST=	0
INDE	7	20	49	FOBS=	125.5	SIGMA=	1.3	PHAS=	-158.9	FOM=	0.62	TEST=	0

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INDE	7	20	51	FOBS=	121.4	SIGMA=	1.3	PHAS=	24.6	FOM=	0.92	TEST=	0
INDE	7	20	53	FOBS=	143.2	SIGMA=	1.5	PHAS=	-64.0	FOM=	0.91	TEST=	0
INDE	7	20	55	FOBS=	113.3	SIGMA=	1.9	PHAS=	89.4	FOM=	0.90	TEST=	0
INDE	7	20	57	FOBS=	113.1	SIGMA=	1.9	PHAS=	121.9	FOM=	0.91	TEST=	0
INDE	7	20	59	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	20	61	FOBS=	43.5	SIGMA=	4.8	PHAS=	-170.0	FOM=	0.75	TEST=	0
INDE	7	20	63	FOBS=	81.1	SIGMA=	2.9	PHAS=	165.8	FOM=	0.85	TEST=	0
INDE	7	20	65	FOBS=	27.8	SIGMA=	16.2	PHAS=	-105.9	FOM=	0.30	TEST=	0
INDE	7	20	67	FOBS=	95.3	SIGMA=	4.9	PHAS=	151.2	FOM=	0.92	TEST=	0
INDE	7	20	69	FOBS=	0.0	SIGMA=	29.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	7	20	71	FOBS=	70.2	SIGMA=	6.6	PHAS=	-93.6	FOM=	0.88	TEST=	0
INDE	7	20	73	FOBS=	75.8	SIGMA=	6.3	PHAS=	52.5	FOM=	0.01	TEST=	1
INDE	7	21	8	FOBS=	118.0	SIGMA=	0.6	PHAS=	176.9	FOM=	0.62	TEST=	1
INDE	7	21	10	FOBS=	143.1	SIGMA=	0.6	PHAS=	-164.5	FOM=	0.94	TEST=	0
INDE	7	21	12	FOBS=	149.9	SIGMA=	0.6	PHAS=	130.6	FOM=	0.86	TEST=	0
INDE	7	21	14	FOBS=	290.6	SIGMA=	0.5	PHAS=	34.3	FOM=	0.94	TEST=	0
INDE	7	21	16	FOBS=	77.4	SIGMA=	1.2	PHAS=	133.2	FOM=	0.98	TEST=	0
INDE	7	21	18	FOBS=	138.6	SIGMA=	0.7	PHAS=	174.1	FOM=	0.96	TEST=	0
INDE	7	21	20	FOBS=	196.8	SIGMA=	0.6	PHAS=	130.0	FOM=	0.96	TEST=	0
INDE	7	21	22	FOBS=	133.2	SIGMA=	0.7	PHAS=	-36.8	FOM=	0.96	TEST=	0
INDE	7	21	24	FOBS=	85.0	SIGMA=	1.0	PHAS=	106.0	FOM=	0.99	TEST=	0
INDE	7	21	26	FOBS=	93.4	SIGMA=	0.9	PHAS=	-44.9	FOM=	0.98	TEST=	1
INDE	7	21	28	FOBS=	154.6	SIGMA=	0.7	PHAS=	11.1	FOM=	0.82	TEST=	1
INDE	7	21	30	FOBS=	343.8	SIGMA=	0.6	PHAS=	-118.8	FOM=	0.98	TEST=	0
INDE	7	21	32	FOBS=	196.3	SIGMA=	0.7	PHAS=	-85.6	FOM=	0.95	TEST=	0
INDE	7	21	34	FOBS=	160.0	SIGMA=	0.9	PHAS=	-50.4	FOM=	0.72	TEST=	0
INDE	7	21	36	FOBS=	90.0	SIGMA=	1.9	PHAS=	-113.9	FOM=	0.44	TEST=	1
INDE	7	21	38	FOBS=	31.5	SIGMA=	5.0	PHAS=	-10.6	FOM=	0.70	TEST=	0
INDE	7	21	40	FOBS=	64.3	SIGMA=	2.8	PHAS=	-134.1	FOM=	0.84	TEST=	0
INDE	7	21	42	FOBS=	273.1	SIGMA=	0.9	PHAS=	-159.0	FOM=	0.93	TEST=	1
INDE	7	21	44	FOBS=	116.8	SIGMA=	1.6	PHAS=	-158.0	FOM=	0.82	TEST=	0
INDE	7	21	46	FOBS=	289.2	SIGMA=	0.7	PHAS=	-155.3	FOM=	0.63	TEST=	1
INDE	7	21	48	FOBS=	142.5	SIGMA=	1.3	PHAS=	155.3	FOM=	0.89	TEST=	0
INDE	7	21	50	FOBS=	160.0	SIGMA=	1.0	PHAS=	-82.1	FOM=	0.94	TEST=	0
INDE	7	21	52	FOBS=	74.1	SIGMA=	1.7	PHAS=	163.6	FOM=	0.81	TEST=	0
INDE	7	21	54	FOBS=	60.6	SIGMA=	2.6	PHAS=	-170.7	FOM=	0.82	TEST=	0
INDE	7	21	56	FOBS=	65.6	SIGMA=	3.1	PHAS=	129.4	FOM=	0.20	TEST=	1
INDE	7	21	58	FOBS=	68.6	SIGMA=	3.0	PHAS=	35.1	FOM=	0.59	TEST=	0
INDE	7	21	60	FOBS=	96.7	SIGMA=	2.1	PHAS=	119.8	FOM=	0.90	TEST=	0
INDE	7	21	62	FOBS=	103.8	SIGMA=	2.3	PHAS=	117.2	FOM=	0.91	TEST=	0
INDE	7	21	64	FOBS=	47.9	SIGMA=	9.5	PHAS=	39.6	FOM=	0.10	TEST=	1
INDE	7	21	66	FOBS=	45.9	SIGMA=	10.0	PHAS=	162.7	FOM=	0.15	TEST=	1
INDE	7	21	68	FOBS=	54.8	SIGMA=	8.3	PHAS=	66.4	FOM=	0.30	TEST=	0
INDE	7	21	70	FOBS=	49.1	SIGMA=	9.4	PHAS=	-161.9	FOM=	0.59	TEST=	0
INDE	7	21	72	FOBS=	1.6	SIGMA=	297.0	PHAS=	135.3	FOM=	0.06	TEST=	0
INDE	7	21	74	FOBS=	71.4	SIGMA=	6.9	PHAS=	36.5	FOM=	0.70	TEST=	0
INDE	7	22	7	FOBS=	180.1	SIGMA=	0.5	PHAS=	83.4	FOM=	0.93	TEST=	0
INDE	7	22	9	FOBS=	221.9	SIGMA=	0.5	PHAS=	76.8	FOM=	0.97	TEST=	0
INDE	7	22	11	FOBS=	227.3	SIGMA=	0.5	PHAS=	121.8	FOM=	0.98	TEST=	0
INDE	7	22	13	FOBS=	110.9	SIGMA=	0.7	PHAS=	-1.5	FOM=	0.86	TEST=	0
INDE	7	22	15	FOBS=	275.8	SIGMA=	0.6	PHAS=	-43.2	FOM=	0.96	TEST=	0
INDE	7	22	17	FOBS=	106.9	SIGMA=	0.9	PHAS=	124.1	FOM=	0.96	TEST=	0
INDE	7	22	19	FOBS=	295.4	SIGMA=	0.5	PHAS=	105.3	FOM=	0.99	TEST=	0
INDE	7	22	21	FOBS=	112.2	SIGMA=	0.8	PHAS=	-0.1	FOM=	0.76	TEST=	0
INDE	7	22	23	FOBS=	324.5	SIGMA=	0.7	PHAS=	69.0	FOM=	0.98	TEST=	0
INDE	7	22	25	FOBS=	126.6	SIGMA=	0.9	PHAS=	153.1	FOM=	0.76	TEST=	1
INDE	7	22	27	FOBS=	259.3	SIGMA=	0.7	PHAS=	-113.2	FOM=	0.92	TEST=	1
INDE	7	22	29	FOBS=	259.6	SIGMA=	0.5	PHAS=	143.8	FOM=	0.95	TEST=	0
INDE	7	22	31	FOBS=	245.7	SIGMA=	0.6	PHAS=	131.7	FOM=	0.99	TEST=	0
INDE	7	22	33	FOBS=	309.6	SIGMA=	0.6	PHAS=	-135.5	FOM=	0.97	TEST=	0
INDE	7	22	35	FOBS=	253.5	SIGMA=	0.7	PHAS=	-95.8	FOM=	0.97	TEST=	0
INDE	7	22	37	FOBS=	293.0	SIGMA=	0.6	PHAS=	-12.2	FOM=	0.97	TEST=	0
INDE	7	22	39	FOBS=	159.2	SIGMA=	1.1	PHAS=	112.3	FOM=	0.97	TEST=	0
INDE	7	22	41	FOBS=	160.6	SIGMA=	1.2	PHAS=	-5.6	FOM=	0.89	TEST=	0
INDE	7	22	43	FOBS=	81.0	SIGMA=	2.4	PHAS=	167.3	FOM=	0.88	TEST=	0
INDE	7	22	45	FOBS=	288.7	SIGMA=	0.9	PHAS=	50.2	FOM=	0.96	TEST=	0
INDE	7	22	47	FOBS=	172.6	SIGMA=	1.1	PHAS=	72.9	FOM=	0.89	TEST=	0
INDE	7	22	49	FOBS=	234.1	SIGMA=	0.9	PHAS=	149.0	FOM=	0.96	TEST=	0
INDE	7	22	51	FOBS=	181.2	SIGMA=	0.8	PHAS=	59.9	FOM=	0.95	TEST=	0
INDE	7	22	53	FOBS=	38.9	SIGMA=	3.3	PHAS=	17.7	FOM=	0.72	TEST=	0

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INDE	7	22	55	FOBS=	77.6	SIGMA=	2.7	PHAS=	114.8	FOM=	0.92	TEST=	0
INDE	7	22	57	FOBS=	76.1	SIGMA=	2.7	PHAS=	84.6	FOM=	0.89	TEST=	0
INDE	7	22	59	FOBS=	80.8	SIGMA=	2.6	PHAS=	30.8	FOM=	0.90	TEST=	0
INDE	7	22	61	FOBS=	66.8	SIGMA=	3.6	PHAS=	42.5	FOM=	0.84	TEST=	0
INDE	7	22	63	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	22	65	FOBS=	41.2	SIGMA=	11.1	PHAS=	25.1	FOM=	0.37	TEST=	0
INDE	7	22	67	FOBS=	79.4	SIGMA=	5.9	PHAS=	59.8	FOM=	0.81	TEST=	0
INDE	7	22	69	FOBS=	92.7	SIGMA=	5.1	PHAS=	-169.3	FOM=	0.72	TEST=	0
INDE	7	22	71	FOBS=	0.0	SIGMA=	30.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	22	73	FOBS=	63.2	SIGMA=	7.7	PHAS=	35.6	FOM=	0.87	TEST=	0
INDE	7	23	8	FOBS=	331.7	SIGMA=	0.5	PHAS=	-24.3	FOM=	0.98	TEST=	0
INDE	7	23	10	FOBS=	395.2	SIGMA=	0.7	PHAS=	46.1	FOM=	0.97	TEST=	0
INDE	7	23	12	FOBS=	236.9	SIGMA=	0.5	PHAS=	69.4	FOM=	0.96	TEST=	0
INDE	7	23	14	FOBS=	55.1	SIGMA=	1.4	PHAS=	-131.7	FOM=	0.99	TEST=	0
INDE	7	23	16	FOBS=	129.5	SIGMA=	1.0	PHAS=	-91.7	FOM=	0.95	TEST=	0
INDE	7	23	18	FOBS=	240.0	SIGMA=	0.8	PHAS=	33.2	FOM=	0.99	TEST=	0
INDE	7	23	20	FOBS=	92.8	SIGMA=	1.1	PHAS=	137.6	FOM=	0.83	TEST=	0
INDE	7	23	22	FOBS=	355.1	SIGMA=	0.5	PHAS=	-81.2	FOM=	0.97	TEST=	0
INDE	7	23	24	FOBS=	112.1	SIGMA=	1.0	PHAS=	50.2	FOM=	0.57	TEST=	0
INDE	7	23	26	FOBS=	210.1	SIGMA=	0.7	PHAS=	75.1	FOM=	0.95	TEST=	0
INDE	7	23	28	FOBS=	255.7	SIGMA=	0.6	PHAS=	49.8	FOM=	0.94	TEST=	0
INDE	7	23	30	FOBS=	221.9	SIGMA=	0.7	PHAS=	-11.1	FOM=	0.93	TEST=	0
INDE	7	23	32	FOBS=	122.9	SIGMA=	1.0	PHAS=	84.0	FOM=	0.97	TEST=	1
INDE	7	23	34	FOBS=	371.7	SIGMA=	0.6	PHAS=	162.5	FOM=	0.97	TEST=	0
INDE	7	23	36	FOBS=	178.2	SIGMA=	0.9	PHAS=	147.2	FOM=	0.96	TEST=	0
INDE	7	23	38	FOBS=	79.9	SIGMA=	2.0	PHAS=	-35.8	FOM=	0.81	TEST=	0
INDE	7	23	40	FOBS=	66.7	SIGMA=	2.7	PHAS=	-51.4	FOM=	0.90	TEST=	0
INDE	7	23	42	FOBS=	117.6	SIGMA=	1.6	PHAS=	129.8	FOM=	0.90	TEST=	0
INDE	7	23	44	FOBS=	49.7	SIGMA=	3.7	PHAS=	-156.7	FOM=	0.89	TEST=	0
INDE	7	23	46	FOBS=	135.7	SIGMA=	1.4	PHAS=	-60.3	FOM=	0.92	TEST=	0
INDE	7	23	48	FOBS=	308.7	SIGMA=	0.7	PHAS=	-21.9	FOM=	0.98	TEST=	0
INDE	7	23	50	FOBS=	56.8	SIGMA=	2.7	PHAS=	-71.4	FOM=	0.26	TEST=	1
INDE	7	23	52	FOBS=	39.5	SIGMA=	3.5	PHAS=	-5.2	FOM=	0.55	TEST=	0
INDE	7	23	54	FOBS=	83.3	SIGMA=	1.9	PHAS=	97.9	FOM=	0.84	TEST=	0
INDE	7	23	56	FOBS=	102.2	SIGMA=	1.6	PHAS=	96.2	FOM=	0.89	TEST=	0
INDE	7	23	58	FOBS=	139.5	SIGMA=	1.6	PHAS=	-26.1	FOM=	0.93	TEST=	0
INDE	7	23	60	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	23	62	FOBS=	69.9	SIGMA=	3.4	PHAS=	1.0	FOM=	0.54	TEST=	0
INDE	7	23	64	FOBS=	43.7	SIGMA=	10.5	PHAS=	17.9	FOM=	0.49	TEST=	0
INDE	7	23	66	FOBS=	9.0	SIGMA=	50.2	PHAS=	-98.0	FOM=	0.15	TEST=	0
INDE	7	23	70	FOBS=	45.6	SIGMA=	10.3	PHAS=	-122.9	FOM=	0.06	TEST=	1
INDE	7	23	72	FOBS=	22.8	SIGMA=	21.1	PHAS=	-41.7	FOM=	0.52	TEST=	0
INDE	7	24	7	FOBS=	175.5	SIGMA=	0.6	PHAS=	150.7	FOM=	0.49	TEST=	0
INDE	7	24	9	FOBS=	366.0	SIGMA=	0.6	PHAS=	-58.6	FOM=	0.98	TEST=	0
INDE	7	24	11	FOBS=	169.5	SIGMA=	0.6	PHAS=	-65.7	FOM=	0.82	TEST=	0
INDE	7	24	13	FOBS=	176.0	SIGMA=	0.6	PHAS=	-41.6	FOM=	0.99	TEST=	1
INDE	7	24	15	FOBS=	60.5	SIGMA=	1.5	PHAS=	-67.5	FOM=	0.87	TEST=	0
INDE	7	24	17	FOBS=	233.8	SIGMA=	0.8	PHAS=	-117.4	FOM=	0.98	TEST=	0
INDE	7	24	19	FOBS=	262.7	SIGMA=	0.7	PHAS=	30.0	FOM=	0.95	TEST=	0
INDE	7	24	21	FOBS=	206.6	SIGMA=	0.7	PHAS=	111.3	FOM=	0.98	TEST=	0
INDE	7	24	23	FOBS=	123.8	SIGMA=	0.9	PHAS=	166.4	FOM=	0.85	TEST=	0
INDE	7	24	25	FOBS=	92.0	SIGMA=	1.2	PHAS=	-0.9	FOM=	0.74	TEST=	0
INDE	7	24	27	FOBS=	117.2	SIGMA=	1.1	PHAS=	-43.0	FOM=	0.96	TEST=	0
INDE	7	24	29	FOBS=	211.4	SIGMA=	0.7	PHAS=	-46.7	FOM=	0.94	TEST=	0
INDE	7	24	31	FOBS=	274.0	SIGMA=	0.6	PHAS=	-50.5	FOM=	0.45	TEST=	1
INDE	7	24	33	FOBS=	123.6	SIGMA=	1.1	PHAS=	33.0	FOM=	0.78	TEST=	0
INDE	7	24	35	FOBS=	142.2	SIGMA=	1.2	PHAS=	7.2	FOM=	0.91	TEST=	0
INDE	7	24	37	FOBS=	124.3	SIGMA=	1.3	PHAS=	-38.3	FOM=	0.93	TEST=	0
INDE	7	24	39	FOBS=	235.4	SIGMA=	0.8	PHAS=	101.2	FOM=	0.95	TEST=	0
INDE	7	24	41	FOBS=	102.7	SIGMA=	1.8	PHAS=	-89.0	FOM=	0.72	TEST=	0
INDE	7	24	43	FOBS=	108.4	SIGMA=	1.8	PHAS=	-31.9	FOM=	0.94	TEST=	0
INDE	7	24	45	FOBS=	73.4	SIGMA=	2.5	PHAS=	73.4	FOM=	0.66	TEST=	0
INDE	7	24	47	FOBS=	237.3	SIGMA=	0.9	PHAS=	-121.5	FOM=	0.98	TEST=	0
INDE	7	24	49	FOBS=	137.1	SIGMA=	1.3	PHAS=	-137.8	FOM=	0.89	TEST=	0
INDE	7	24	51	FOBS=	99.8	SIGMA=	1.3	PHAS=	24.9	FOM=	0.88	TEST=	0
INDE	7	24	53	FOBS=	105.5	SIGMA=	1.3	PHAS=	-25.0	FOM=	0.89	TEST=	0
INDE	7	24	55	FOBS=	131.8	SIGMA=	1.0	PHAS=	-23.6	FOM=	0.93	TEST=	0
INDE	7	24	57	FOBS=	87.3	SIGMA=	2.4	PHAS=	36.5	FOM=	0.93	TEST=	0
INDE	7	24	59	FOBS=	26.9	SIGMA=	7.4	PHAS=	88.9	FOM=	0.32	TEST=	0
INDE	7	24	61	FOBS=	48.1	SIGMA=	5.0	PHAS=	137.7	FOM=	0.60	TEST=	0

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INDE	7	24	63	FOBS=	40.1	SIGMA=	7.9	PHAS=	-91.8	FOM=	0.64	TEST=	0
INDE	7	24	65	FOBS=	73.8	SIGMA=	6.3	PHAS=	-155.2	FOM=	0.55	TEST=	1
INDE	7	24	67	FOBS=	71.5	SIGMA=	6.5	PHAS=	69.5	FOM=	0.88	TEST=	0
INDE	7	24	69	FOBS=	57.2	SIGMA=	8.3	PHAS=	-40.8	FOM=	0.79	TEST=	0
INDE	7	24	71	FOBS=	33.8	SIGMA=	14.0	PHAS=	162.0	FOM=	0.36	TEST=	0
INDE	7	24	73	FOBS=	45.0	SIGMA=	11.0	PHAS=	-116.9	FOM=	0.23	TEST=	0
INDE	7	25	8	FOBS=	134.9	SIGMA=	0.6	PHAS=	-76.6	FOM=	0.89	TEST=	0
INDE	7	25	10	FOBS=	101.6	SIGMA=	0.9	PHAS=	53.6	FOM=	0.95	TEST=	0
INDE	7	25	12	FOBS=	74.0	SIGMA=	1.2	PHAS=	-8.1	FOM=	0.93	TEST=	0
INDE	7	25	14	FOBS=	163.5	SIGMA=	0.7	PHAS=	-114.6	FOM=	0.92	TEST=	0
INDE	7	25	16	FOBS=	98.0	SIGMA=	1.4	PHAS=	26.3	FOM=	0.96	TEST=	0
INDE	7	25	18	FOBS=	166.8	SIGMA=	0.9	PHAS=	-0.6	FOM=	0.95	TEST=	0
INDE	7	25	20	FOBS=	107.7	SIGMA=	1.2	PHAS=	-31.2	FOM=	0.88	TEST=	0
INDE	7	25	22	FOBS=	193.9	SIGMA=	0.7	PHAS=	-68.1	FOM=	0.99	TEST=	0
INDE	7	25	24	FOBS=	161.9	SIGMA=	0.8	PHAS=	95.6	FOM=	0.94	TEST=	0
INDE	7	25	26	FOBS=	151.9	SIGMA=	0.9	PHAS=	-57.8	FOM=	0.96	TEST=	0
INDE	7	25	28	FOBS=	206.6	SIGMA=	0.7	PHAS=	-28.5	FOM=	0.99	TEST=	0
INDE	7	25	30	FOBS=	163.9	SIGMA=	0.8	PHAS=	-145.7	FOM=	0.96	TEST=	1
INDE	7	25	32	FOBS=	334.0	SIGMA=	0.7	PHAS=	-174.5	FOM=	0.97	TEST=	0
INDE	7	25	34	FOBS=	163.9	SIGMA=	0.9	PHAS=	131.1	FOM=	0.81	TEST=	0
INDE	7	25	36	FOBS=	46.5	SIGMA=	3.6	PHAS=	-120.3	FOM=	0.38	TEST=	0
INDE	7	25	38	FOBS=	166.0	SIGMA=	1.1	PHAS=	6.5	FOM=	0.95	TEST=	0
INDE	7	25	40	FOBS=	169.6	SIGMA=	1.2	PHAS=	76.0	FOM=	0.90	TEST=	0
INDE	7	25	42	FOBS=	246.8	SIGMA=	0.9	PHAS=	117.0	FOM=	0.99	TEST=	0
INDE	7	25	44	FOBS=	19.4	SIGMA=	9.3	PHAS=	99.7	FOM=	0.11	TEST=	0
INDE	7	25	46	FOBS=	120.6	SIGMA=	1.5	PHAS=	143.1	FOM=	0.89	TEST=	0
INDE	7	25	48	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	25	50	FOBS=	77.3	SIGMA=	2.3	PHAS=	-154.1	FOM=	0.81	TEST=	0
INDE	7	25	52	FOBS=	185.1	SIGMA=	0.9	PHAS=	-134.0	FOM=	0.96	TEST=	0
INDE	7	25	54	FOBS=	72.2	SIGMA=	1.8	PHAS=	-117.4	FOM=	0.79	TEST=	0
INDE	7	25	56	FOBS=	55.7	SIGMA=	2.9	PHAS=	-131.0	FOM=	0.86	TEST=	0
INDE	7	25	58	FOBS=	173.8	SIGMA=	1.4	PHAS=	-33.2	FOM=	0.96	TEST=	0
INDE	7	25	60	FOBS=	89.3	SIGMA=	2.8	PHAS=	64.3	FOM=	0.87	TEST=	0
INDE	7	25	62	FOBS=	155.9	SIGMA=	1.9	PHAS=	86.0	FOM=	0.95	TEST=	0
INDE	7	25	64	FOBS=	90.7	SIGMA=	3.6	PHAS=	-171.1	FOM=	0.40	TEST=	1
INDE	7	25	66	FOBS=	0.0	SIGMA=	30.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	25	68	FOBS=	0.0	SIGMA=	30.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	25	70	FOBS=	40.3	SIGMA=	12.1	PHAS=	168.9	FOM=	0.47	TEST=	0
INDE	7	25	72	FOBS=	68.7	SIGMA=	7.3	PHAS=	175.7	FOM=	0.53	TEST=	0
INDE	7	26	7	FOBS=	52.0	SIGMA=	1.4	PHAS=	-105.4	FOM=	0.96	TEST=	0
INDE	7	26	9	FOBS=	257.4	SIGMA=	0.6	PHAS=	-38.2	FOM=	0.98	TEST=	0
INDE	7	26	11	FOBS=	221.8	SIGMA=	0.6	PHAS=	-49.1	FOM=	0.96	TEST=	0
INDE	7	26	13	FOBS=	286.8	SIGMA=	0.5	PHAS=	-82.9	FOM=	0.96	TEST=	0
INDE	7	26	15	FOBS=	110.7	SIGMA=	0.9	PHAS=	-109.8	FOM=	0.99	TEST=	0
INDE	7	26	17	FOBS=	242.6	SIGMA=	0.8	PHAS=	-83.6	FOM=	0.93	TEST=	0
INDE	7	26	19	FOBS=	207.9	SIGMA=	0.8	PHAS=	-24.9	FOM=	0.92	TEST=	0
INDE	7	26	21	FOBS=	237.6	SIGMA=	0.8	PHAS=	174.2	FOM=	0.96	TEST=	0
INDE	7	26	23	FOBS=	239.3	SIGMA=	0.7	PHAS=	-41.1	FOM=	0.94	TEST=	1
INDE	7	26	25	FOBS=	71.6	SIGMA=	1.7	PHAS=	-119.5	FOM=	0.97	TEST=	0
INDE	7	26	27	FOBS=	282.0	SIGMA=	0.6	PHAS=	-131.2	FOM=	0.97	TEST=	0
INDE	7	26	29	FOBS=	247.4	SIGMA=	0.6	PHAS=	-36.9	FOM=	0.95	TEST=	0
INDE	7	26	31	FOBS=	237.9	SIGMA=	0.8	PHAS=	122.4	FOM=	0.91	TEST=	1
INDE	7	26	33	FOBS=	222.9	SIGMA=	0.9	PHAS=	35.4	FOM=	0.88	TEST=	1
INDE	7	26	35	FOBS=	99.0	SIGMA=	1.4	PHAS=	-0.6	FOM=	0.95	TEST=	0
INDE	7	26	37	FOBS=	98.4	SIGMA=	1.7	PHAS=	-119.4	FOM=	0.98	TEST=	0
INDE	7	26	39	FOBS=	246.7	SIGMA=	0.9	PHAS=	-14.7	FOM=	0.94	TEST=	0
INDE	7	26	41	FOBS=	238.0	SIGMA=	1.0	PHAS=	8.2	FOM=	0.96	TEST=	0
INDE	7	26	43	FOBS=	132.9	SIGMA=	1.4	PHAS=	-3.1	FOM=	0.92	TEST=	0
INDE	7	26	45	FOBS=	66.0	SIGMA=	2.7	PHAS=	159.9	FOM=	0.52	TEST=	0
INDE	7	26	47	FOBS=	69.2	SIGMA=	2.6	PHAS=	-71.5	FOM=	0.67	TEST=	0
INDE	7	26	49	FOBS=	51.5	SIGMA=	3.4	PHAS=	70.0	FOM=	0.57	TEST=	0
INDE	7	26	51	FOBS=	58.1	SIGMA=	2.3	PHAS=	-147.5	FOM=	0.88	TEST=	0
INDE	7	26	53	FOBS=	0.0	SIGMA=	16.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	26	55	FOBS=	0.0	SIGMA=	15.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	26	57	FOBS=	101.2	SIGMA=	1.5	PHAS=	-156.9	FOM=	0.86	TEST=	0
INDE	7	26	59	FOBS=	22.4	SIGMA=	8.3	PHAS=	-137.0	FOM=	0.05	TEST=	0
INDE	7	26	61	FOBS=	89.5	SIGMA=	3.2	PHAS=	-10.4	FOM=	0.92	TEST=	0
INDE	7	26	63	FOBS=	48.0	SIGMA=	6.6	PHAS=	-51.4	FOM=	0.46	TEST=	0
INDE	7	26	65	FOBS=	44.0	SIGMA=	10.5	PHAS=	88.4	FOM=	0.47	TEST=	0
INDE	7	26	67	FOBS=	0.0	SIGMA=	30.8	PHAS=	0.0	FOM=	0.00	TEST=	1

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INDE	7	26	69	FOBS=	58.1	SIGMA=	8.2	PHAS=	34.6	FOM=	0.42	TEST=	0
INDE	7	26	71	FOBS=	47.6	SIGMA=	10.4	PHAS=	130.1	FOM=	0.69	TEST=	0
INDE	7	27	8	FOBS=	222.4	SIGMA=	0.5	PHAS=	-49.2	FOM=	0.98	TEST=	0
INDE	7	27	10	FOBS=	181.3	SIGMA=	0.6	PHAS=	-113.4	FOM=	0.98	TEST=	1
INDE	7	27	12	FOBS=	162.3	SIGMA=	0.8	PHAS=	152.6	FOM=	0.93	TEST=	0
INDE	7	27	14	FOBS=	186.7	SIGMA=	0.7	PHAS=	166.8	FOM=	0.99	TEST=	0
INDE	7	27	16	FOBS=	181.2	SIGMA=	0.7	PHAS=	88.4	FOM=	0.98	TEST=	0
INDE	7	27	18	FOBS=	157.1	SIGMA=	1.0	PHAS=	11.7	FOM=	0.97	TEST=	0
INDE	7	27	20	FOBS=	114.2	SIGMA=	1.2	PHAS=	9.6	FOM=	0.77	TEST=	0
INDE	7	27	22	FOBS=	144.2	SIGMA=	1.0	PHAS=	145.5	FOM=	0.99	TEST=	0
INDE	7	27	24	FOBS=	185.6	SIGMA=	0.8	PHAS=	68.8	FOM=	0.96	TEST=	0
INDE	7	27	26	FOBS=	109.4	SIGMA=	1.2	PHAS=	-127.6	FOM=	0.93	TEST=	0
INDE	7	27	28	FOBS=	173.1	SIGMA=	0.8	PHAS=	143.2	FOM=	0.98	TEST=	0
INDE	7	27	30	FOBS=	223.1	SIGMA=	0.7	PHAS=	90.0	FOM=	0.80	TEST=	0
INDE	7	27	32	FOBS=	75.7	SIGMA=	1.9	PHAS=	-137.8	FOM=	0.94	TEST=	0
INDE	7	27	34	FOBS=	90.0	SIGMA=	1.8	PHAS=	-13.7	FOM=	0.96	TEST=	0
INDE	7	27	36	FOBS=	58.0	SIGMA=	2.9	PHAS=	-178.7	FOM=	0.99	TEST=	0
INDE	7	27	38	FOBS=	94.4	SIGMA=	1.7	PHAS=	-165.3	FOM=	0.90	TEST=	0
INDE	7	27	40	FOBS=	61.4	SIGMA=	3.4	PHAS=	-84.1	FOM=	0.66	TEST=	0
INDE	7	27	42	FOBS=	40.9	SIGMA=	4.8	PHAS=	-127.5	FOM=	0.41	TEST=	0
INDE	7	27	44	FOBS=	130.6	SIGMA=	1.4	PHAS=	52.0	FOM=	0.93	TEST=	0
INDE	7	27	46	FOBS=	173.5	SIGMA=	1.1	PHAS=	-171.1	FOM=	0.95	TEST=	0
INDE	7	27	48	FOBS=	117.7	SIGMA=	1.5	PHAS=	-72.8	FOM=	0.93	TEST=	0
INDE	7	27	50	FOBS=	41.2	SIGMA=	4.2	PHAS=	138.4	FOM=	0.61	TEST=	0
INDE	7	27	52	FOBS=	170.1	SIGMA=	0.9	PHAS=	-133.6	FOM=	0.95	TEST=	0
INDE	7	27	54	FOBS=	20.7	SIGMA=	8.5	PHAS=	-145.0	FOM=	0.32	TEST=	0
INDE	7	27	56	FOBS=	74.3	SIGMA=	2.0	PHAS=	-167.7	FOM=	0.74	TEST=	0
INDE	7	27	58	FOBS=	87.3	SIGMA=	1.9	PHAS=	-121.9	FOM=	0.85	TEST=	0
INDE	7	27	60	FOBS=	40.4	SIGMA=	5.2	PHAS=	-128.8	FOM=	0.11	TEST=	0
INDE	7	27	62	FOBS=	33.8	SIGMA=	9.6	PHAS=	65.5	FOM=	0.35	TEST=	0
INDE	7	27	64	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	27	66	FOBS=	0.0	SIGMA=	30.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	27	68	FOBS=	23.3	SIGMA=	20.3	PHAS=	-174.7	FOM=	0.32	TEST=	0
INDE	7	27	70	FOBS=	58.4	SIGMA=	8.5	PHAS=	5.6	FOM=	0.94	TEST=	0
INDE	7	27	72	FOBS=	59.4	SIGMA=	8.7	PHAS=	-50.0	FOM=	0.56	TEST=	0
INDE	7	28	7	FOBS=	108.8	SIGMA=	0.7	PHAS=	-135.6	FOM=	0.99	TEST=	0
INDE	7	28	9	FOBS=	143.0	SIGMA=	0.7	PHAS=	-109.9	FOM=	0.97	TEST=	0
INDE	7	28	11	FOBS=	197.4	SIGMA=	0.7	PHAS=	40.2	FOM=	0.96	TEST=	0
INDE	7	28	13	FOBS=	104.1	SIGMA=	1.0	PHAS=	6.8	FOM=	0.98	TEST=	0
INDE	7	28	15	FOBS=	207.8	SIGMA=	0.6	PHAS=	44.1	FOM=	0.98	TEST=	0
INDE	7	28	17	FOBS=	146.4	SIGMA=	0.9	PHAS=	-6.7	FOM=	0.87	TEST=	1
INDE	7	28	19	FOBS=	69.5	SIGMA=	2.0	PHAS=	161.7	FOM=	0.75	TEST=	0
INDE	7	28	21	FOBS=	232.4	SIGMA=	0.8	PHAS=	101.6	FOM=	0.96	TEST=	0
INDE	7	28	23	FOBS=	258.3	SIGMA=	0.7	PHAS=	-73.6	FOM=	0.84	TEST=	0
INDE	7	28	25	FOBS=	135.7	SIGMA=	1.1	PHAS=	119.7	FOM=	0.86	TEST=	0
INDE	7	28	27	FOBS=	138.1	SIGMA=	1.0	PHAS=	154.4	FOM=	0.98	TEST=	0
INDE	7	28	29	FOBS=	108.9	SIGMA=	1.3	PHAS=	11.9	FOM=	0.88	TEST=	0
INDE	7	28	31	FOBS=	404.7	SIGMA=	0.7	PHAS=	-31.5	FOM=	0.81	TEST=	1
INDE	7	28	33	FOBS=	176.5	SIGMA=	1.0	PHAS=	-41.1	FOM=	0.92	TEST=	0
INDE	7	28	35	FOBS=	225.4	SIGMA=	1.1	PHAS=	83.4	FOM=	0.97	TEST=	0
INDE	7	28	37	FOBS=	176.1	SIGMA=	1.1	PHAS=	112.0	FOM=	0.97	TEST=	0
INDE	7	28	39	FOBS=	115.0	SIGMA=	1.5	PHAS=	-53.0	FOM=	0.75	TEST=	0
INDE	7	28	41	FOBS=	299.7	SIGMA=	0.8	PHAS=	-46.6	FOM=	0.96	TEST=	0
INDE	7	28	43	FOBS=	123.1	SIGMA=	1.7	PHAS=	-76.4	FOM=	0.98	TEST=	0
INDE	7	28	45	FOBS=	98.3	SIGMA=	1.9	PHAS=	10.2	FOM=	0.77	TEST=	0
INDE	7	28	47	FOBS=	43.2	SIGMA=	4.0	PHAS=	-46.0	FOM=	0.37	TEST=	0
INDE	7	28	49	FOBS=	19.5	SIGMA=	10.5	PHAS=	52.1	FOM=	0.08	TEST=	1
INDE	7	28	51	FOBS=	82.2	SIGMA=	1.9	PHAS=	-110.4	FOM=	0.46	TEST=	0
INDE	7	28	53	FOBS=	45.2	SIGMA=	2.9	PHAS=	-160.6	FOM=	0.65	TEST=	0
INDE	7	28	55	FOBS=	109.5	SIGMA=	1.4	PHAS=	106.1	FOM=	0.84	TEST=	0
INDE	7	28	57	FOBS=	0.0	SIGMA=	17.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	28	59	FOBS=	92.0	SIGMA=	1.9	PHAS=	138.4	FOM=	0.87	TEST=	0
INDE	7	28	61	FOBS=	80.0	SIGMA=	2.9	PHAS=	-176.2	FOM=	0.92	TEST=	0
INDE	7	28	63	FOBS=	47.4	SIGMA=	6.9	PHAS=	-153.7	FOM=	0.70	TEST=	0
INDE	7	28	65	FOBS=	22.5	SIGMA=	21.0	PHAS=	-36.0	FOM=	0.18	TEST=	0
INDE	7	28	67	FOBS=	0.0	SIGMA=	31.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	7	28	69	FOBS=	0.0	SIGMA=	31.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	28	71	FOBS=	118.8	SIGMA=	4.3	PHAS=	-106.9	FOM=	0.97	TEST=	0
INDE	7	29	8	FOBS=	26.4	SIGMA=	3.0	PHAS=	152.1	FOM=	0.92	TEST=	0
INDE	7	29	10	FOBS=	115.2	SIGMA=	0.9	PHAS=	-52.5	FOM=	0.85	TEST=	0

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INDE	7	29	12	FOBS=	343.2	SIGMA=	0.8	PHAS=	-8.3	FOM=	0.99	TEST=	0
INDE	7	29	14	FOBS=	200.3	SIGMA=	0.7	PHAS=	-26.9	FOM=	0.87	TEST=	0
INDE	7	29	16	FOBS=	155.9	SIGMA=	0.8	PHAS=	-47.8	FOM=	0.93	TEST=	1
INDE	7	29	18	FOBS=	266.8	SIGMA=	0.8	PHAS=	20.1	FOM=	0.95	TEST=	0
INDE	7	29	20	FOBS=	66.5	SIGMA=	2.2	PHAS=	-27.3	FOM=	0.95	TEST=	0
INDE	7	29	22	FOBS=	241.0	SIGMA=	1.2	PHAS=	-64.4	FOM=	0.78	TEST=	1
INDE	7	29	24	FOBS=	237.3	SIGMA=	0.7	PHAS=	27.3	FOM=	0.80	TEST=	0
INDE	7	29	26	FOBS=	221.7	SIGMA=	0.8	PHAS=	45.0	FOM=	0.94	TEST=	0
INDE	7	29	28	FOBS=	120.5	SIGMA=	1.2	PHAS=	118.7	FOM=	0.94	TEST=	0
INDE	7	29	30	FOBS=	168.1	SIGMA=	1.0	PHAS=	-112.0	FOM=	0.85	TEST=	0
INDE	7	29	32	FOBS=	185.3	SIGMA=	0.9	PHAS=	-73.8	FOM=	0.89	TEST=	0
INDE	7	29	34	FOBS=	69.8	SIGMA=	2.4	PHAS=	-45.3	FOM=	0.89	TEST=	0
INDE	7	29	36	FOBS=	200.8	SIGMA=	1.2	PHAS=	-9.9	FOM=	0.92	TEST=	0
INDE	7	29	38	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	29	40	FOBS=	155.3	SIGMA=	1.3	PHAS=	-111.8	FOM=	0.90	TEST=	0
INDE	7	29	42	FOBS=	149.7	SIGMA=	1.4	PHAS=	-116.9	FOM=	0.94	TEST=	0
INDE	7	29	44	FOBS=	72.9	SIGMA=	2.7	PHAS=	99.6	FOM=	0.66	TEST=	0
INDE	7	29	46	FOBS=	212.2	SIGMA=	1.0	PHAS=	-127.7	FOM=	0.96	TEST=	0
INDE	7	29	48	FOBS=	55.5	SIGMA=	3.1	PHAS=	-48.4	FOM=	0.65	TEST=	0
INDE	7	29	50	FOBS=	54.0	SIGMA=	3.2	PHAS=	173.1	FOM=	0.25	TEST=	0
INDE	7	29	52	FOBS=	29.1	SIGMA=	4.7	PHAS=	-139.9	FOM=	0.64	TEST=	0
INDE	7	29	54	FOBS=	63.5	SIGMA=	2.1	PHAS=	-20.4	FOM=	0.32	TEST=	0
INDE	7	29	56	FOBS=	27.4	SIGMA=	5.3	PHAS=	-8.4	FOM=	0.67	TEST=	1
INDE	7	29	58	FOBS=	58.6	SIGMA=	2.7	PHAS=	-131.6	FOM=	0.86	TEST=	0
INDE	7	29	60	FOBS=	82.7	SIGMA=	2.2	PHAS=	120.9	FOM=	0.93	TEST=	0
INDE	7	29	62	FOBS=	97.8	SIGMA=	3.0	PHAS=	102.5	FOM=	0.92	TEST=	0
INDE	7	29	64	FOBS=	0.0	SIGMA=	25.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	29	66	FOBS=	48.6	SIGMA=	10.1	PHAS=	88.4	FOM=	0.51	TEST=	0
INDE	7	29	68	FOBS=	0.0	SIGMA=	31.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	29	70	FOBS=	66.9	SIGMA=	7.4	PHAS=	178.5	FOM=	0.75	TEST=	0
INDE	7	30	7	FOBS=	165.5	SIGMA=	0.8	PHAS=	-177.4	FOM=	0.97	TEST=	0
INDE	7	30	9	FOBS=	29.0	SIGMA=	3.0	PHAS=	135.0	FOM=	0.98	TEST=	0
INDE	7	30	11	FOBS=	128.7	SIGMA=	0.9	PHAS=	-123.8	FOM=	0.82	TEST=	0
INDE	7	30	13	FOBS=	195.9	SIGMA=	0.7	PHAS=	-97.9	FOM=	0.99	TEST=	1
INDE	7	30	15	FOBS=	75.9	SIGMA=	1.4	PHAS=	124.8	FOM=	0.92	TEST=	0
INDE	7	30	17	FOBS=	237.9	SIGMA=	0.8	PHAS=	-136.1	FOM=	0.96	TEST=	0
INDE	7	30	19	FOBS=	58.0	SIGMA=	2.6	PHAS=	-44.2	FOM=	0.92	TEST=	0
INDE	7	30	21	FOBS=	219.9	SIGMA=	0.9	PHAS=	125.0	FOM=	0.96	TEST=	0
INDE	7	30	23	FOBS=	311.1	SIGMA=	0.7	PHAS=	-68.7	FOM=	0.96	TEST=	0
INDE	7	30	25	FOBS=	262.0	SIGMA=	0.8	PHAS=	44.3	FOM=	0.99	TEST=	0
INDE	7	30	27	FOBS=	187.0	SIGMA=	1.0	PHAS=	6.4	FOM=	0.87	TEST=	1
INDE	7	30	29	FOBS=	77.9	SIGMA=	1.9	PHAS=	6.6	FOM=	0.96	TEST=	0
INDE	7	30	31	FOBS=	43.8	SIGMA=	3.6	PHAS=	115.8	FOM=	0.85	TEST=	0
INDE	7	30	33	FOBS=	224.1	SIGMA=	0.9	PHAS=	-125.5	FOM=	0.97	TEST=	0
INDE	7	30	35	FOBS=	157.1	SIGMA=	1.2	PHAS=	131.6	FOM=	0.74	TEST=	1
INDE	7	30	37	FOBS=	93.1	SIGMA=	2.3	PHAS=	-41.2	FOM=	0.83	TEST=	0
INDE	7	30	39	FOBS=	152.4	SIGMA=	1.3	PHAS=	135.8	FOM=	0.92	TEST=	0
INDE	7	30	41	FOBS=	160.8	SIGMA=	1.2	PHAS=	-103.4	FOM=	0.95	TEST=	0
INDE	7	30	43	FOBS=	125.9	SIGMA=	1.8	PHAS=	-125.0	FOM=	0.79	TEST=	0
INDE	7	30	45	FOBS=	127.5	SIGMA=	1.6	PHAS=	101.0	FOM=	0.93	TEST=	0
INDE	7	30	47	FOBS=	157.2	SIGMA=	1.3	PHAS=	-179.4	FOM=	0.88	TEST=	0
INDE	7	30	49	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	30	51	FOBS=	180.1	SIGMA=	1.0	PHAS=	-112.9	FOM=	0.54	TEST=	1
INDE	7	30	53	FOBS=	77.8	SIGMA=	1.8	PHAS=	-104.3	FOM=	0.91	TEST=	0
INDE	7	30	55	FOBS=	35.4	SIGMA=	4.3	PHAS=	-0.6	FOM=	0.80	TEST=	0
INDE	7	30	57	FOBS=	31.4	SIGMA=	4.8	PHAS=	89.6	FOM=	0.31	TEST=	0
INDE	7	30	59	FOBS=	120.1	SIGMA=	1.4	PHAS=	126.1	FOM=	0.76	TEST=	0
INDE	7	30	61	FOBS=	110.6	SIGMA=	1.6	PHAS=	54.1	FOM=	0.94	TEST=	0
INDE	7	30	63	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	30	65	FOBS=	23.5	SIGMA=	20.7	PHAS=	37.2	FOM=	0.27	TEST=	0
INDE	7	30	67	FOBS=	0.0	SIGMA=	31.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	30	71	FOBS=	67.6	SIGMA=	7.6	PHAS=	-104.3	FOM=	0.81	TEST=	0
INDE	7	31	8	FOBS=	86.3	SIGMA=	1.0	PHAS=	81.0	FOM=	0.99	TEST=	0
INDE	7	31	10	FOBS=	62.6	SIGMA=	1.6	PHAS=	-103.0	FOM=	0.85	TEST=	0
INDE	7	31	12	FOBS=	255.5	SIGMA=	0.6	PHAS=	8.7	FOM=	0.98	TEST=	0
INDE	7	31	14	FOBS=	117.0	SIGMA=	1.0	PHAS=	93.2	FOM=	0.99	TEST=	0
INDE	7	31	16	FOBS=	111.5	SIGMA=	1.1	PHAS=	31.8	FOM=	0.96	TEST=	0
INDE	7	31	18	FOBS=	42.0	SIGMA=	2.9	PHAS=	68.1	FOM=	0.56	TEST=	0
INDE	7	31	20	FOBS=	194.3	SIGMA=	1.0	PHAS=	82.2	FOM=	0.95	TEST=	0
INDE	7	31	22	FOBS=	386.3	SIGMA=	0.7	PHAS=	142.3	FOM=	0.98	TEST=	0

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INDE	7	31	24	FOBS=	226.2	SIGMA=	0.9	PHAS=	-40.6	FOM=	0.99	TEST=	0
INDE	7	31	26	FOBS=	202.7	SIGMA=	0.9	PHAS=	-5.7	FOM=	0.79	TEST=	0
INDE	7	31	28	FOBS=	139.5	SIGMA=	1.2	PHAS=	-95.4	FOM=	0.86	TEST=	0
INDE	7	31	30	FOBS=	231.7	SIGMA=	0.8	PHAS=	-10.3	FOM=	0.95	TEST=	0
INDE	7	31	32	FOBS=	16.5	SIGMA=	10.2	PHAS=	4.7	FOM=	0.73	TEST=	0
INDE	7	31	34	FOBS=	94.8	SIGMA=	1.9	PHAS=	-107.8	FOM=	0.82	TEST=	0
INDE	7	31	36	FOBS=	171.5	SIGMA=	1.2	PHAS=	-156.6	FOM=	0.96	TEST=	0
INDE	7	31	38	FOBS=	123.3	SIGMA=	1.8	PHAS=	99.0	FOM=	0.90	TEST=	0
INDE	7	31	40	FOBS=	173.2	SIGMA=	1.2	PHAS=	74.1	FOM=	0.89	TEST=	0
INDE	7	31	42	FOBS=	266.5	SIGMA=	0.9	PHAS=	174.6	FOM=	0.69	TEST=	1
INDE	7	31	44	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	31	46	FOBS=	42.1	SIGMA=	4.6	PHAS=	-58.0	FOM=	0.36	TEST=	0
INDE	7	31	48	FOBS=	71.2	SIGMA=	2.7	PHAS=	-128.9	FOM=	0.88	TEST=	0
INDE	7	31	50	FOBS=	86.1	SIGMA=	2.3	PHAS=	-130.5	FOM=	0.81	TEST=	1
INDE	7	31	52	FOBS=	97.1	SIGMA=	1.5	PHAS=	-152.5	FOM=	0.74	TEST=	0
INDE	7	31	54	FOBS=	149.1	SIGMA=	1.1	PHAS=	-102.6	FOM=	0.97	TEST=	0
INDE	7	31	56	FOBS=	0.0	SIGMA=	17.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	31	58	FOBS=	18.4	SIGMA=	8.9	PHAS=	-148.8	FOM=	0.08	TEST=	0
INDE	7	31	60	FOBS=	26.3	SIGMA=	6.4	PHAS=	77.6	FOM=	0.55	TEST=	0
INDE	7	31	62	FOBS=	48.3	SIGMA=	3.5	PHAS=	40.7	FOM=	0.46	TEST=	0
INDE	7	31	64	FOBS=	65.9	SIGMA=	3.8	PHAS=	-75.5	FOM=	0.68	TEST=	0
INDE	7	31	66	FOBS=	68.5	SIGMA=	7.3	PHAS=	171.1	FOM=	0.22	TEST=	1
INDE	7	31	68	FOBS=	57.3	SIGMA=	8.8	PHAS=	-37.8	FOM=	0.70	TEST=	0
INDE	7	31	70	FOBS=	37.8	SIGMA=	13.2	PHAS=	166.1	FOM=	0.61	TEST=	0
INDE	7	32	7	FOBS=	70.7	SIGMA=	1.5	PHAS=	156.1	FOM=	0.97	TEST=	0
INDE	7	32	9	FOBS=	59.0	SIGMA=	1.8	PHAS=	122.9	FOM=	0.95	TEST=	0
INDE	7	32	11	FOBS=	125.8	SIGMA=	0.9	PHAS=	179.5	FOM=	0.84	TEST=	0
INDE	7	32	13	FOBS=	283.0	SIGMA=	0.7	PHAS=	-24.0	FOM=	0.99	TEST=	0
INDE	7	32	15	FOBS=	181.5	SIGMA=	0.8	PHAS=	-10.8	FOM=	0.94	TEST=	0
INDE	7	32	17	FOBS=	73.3	SIGMA=	1.7	PHAS=	-62.2	FOM=	0.69	TEST=	0
INDE	7	32	19	FOBS=	196.4	SIGMA=	0.8	PHAS=	9.1	FOM=	0.97	TEST=	0
INDE	7	32	21	FOBS=	261.7	SIGMA=	0.8	PHAS=	33.4	FOM=	0.95	TEST=	0
INDE	7	32	23	FOBS=	143.6	SIGMA=	1.3	PHAS=	170.4	FOM=	0.97	TEST=	0
INDE	7	32	25	FOBS=	69.4	SIGMA=	2.6	PHAS=	93.6	FOM=	0.83	TEST=	0
INDE	7	32	27	FOBS=	341.9	SIGMA=	0.7	PHAS=	-48.0	FOM=	0.93	TEST=	0
INDE	7	32	29	FOBS=	258.3	SIGMA=	0.7	PHAS=	-68.5	FOM=	0.95	TEST=	0
INDE	7	32	31	FOBS=	182.6	SIGMA=	1.0	PHAS=	-38.7	FOM=	0.92	TEST=	0
INDE	7	32	33	FOBS=	88.9	SIGMA=	2.1	PHAS=	70.2	FOM=	0.27	TEST=	0
INDE	7	32	35	FOBS=	167.1	SIGMA=	1.2	PHAS=	49.0	FOM=	0.86	TEST=	0
INDE	7	32	37	FOBS=	68.8	SIGMA=	2.8	PHAS=	-96.8	FOM=	0.21	TEST=	0
INDE	7	32	39	FOBS=	72.3	SIGMA=	2.9	PHAS=	40.4	FOM=	0.74	TEST=	0
INDE	7	32	41	FOBS=	165.4	SIGMA=	1.2	PHAS=	-108.5	FOM=	0.91	TEST=	0
INDE	7	32	43	FOBS=	63.9	SIGMA=	2.8	PHAS=	-34.5	FOM=	0.68	TEST=	0
INDE	7	32	45	FOBS=	117.1	SIGMA=	2.0	PHAS=	177.1	FOM=	0.94	TEST=	0
INDE	7	32	47	FOBS=	192.3	SIGMA=	1.2	PHAS=	-147.6	FOM=	0.97	TEST=	0
INDE	7	32	49	FOBS=	70.6	SIGMA=	2.7	PHAS=	-109.3	FOM=	0.29	TEST=	1
INDE	7	32	51	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	32	53	FOBS=	172.9	SIGMA=	0.9	PHAS=	169.7	FOM=	0.93	TEST=	0
INDE	7	32	55	FOBS=	103.7	SIGMA=	1.5	PHAS=	-168.7	FOM=	0.95	TEST=	0
INDE	7	32	57	FOBS=	0.0	SIGMA=	18.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	32	59	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	32	61	FOBS=	31.6	SIGMA=	5.4	PHAS=	48.5	FOM=	0.36	TEST=	0
INDE	7	32	63	FOBS=	33.0	SIGMA=	5.2	PHAS=	156.3	FOM=	0.40	TEST=	0
INDE	7	32	65	FOBS=	39.3	SIGMA=	9.5	PHAS=	-64.8	FOM=	0.39	TEST=	0
INDE	7	32	67	FOBS=	0.0	SIGMA=	31.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	32	69	FOBS=	21.3	SIGMA=	24.1	PHAS=	136.5	FOM=	0.39	TEST=	0
INDE	7	33	8	FOBS=	221.1	SIGMA=	0.6	PHAS=	85.3	FOM=	0.94	TEST=	0
INDE	7	33	10	FOBS=	83.5	SIGMA=	1.3	PHAS=	15.3	FOM=	0.98	TEST=	0
INDE	7	33	12	FOBS=	162.6	SIGMA=	0.8	PHAS=	66.8	FOM=	0.97	TEST=	0
INDE	7	33	14	FOBS=	101.2	SIGMA=	1.2	PHAS=	-135.4	FOM=	0.91	TEST=	0
INDE	7	33	16	FOBS=	82.5	SIGMA=	1.5	PHAS=	-57.6	FOM=	0.95	TEST=	0
INDE	7	33	18	FOBS=	181.9	SIGMA=	0.9	PHAS=	-75.0	FOM=	0.98	TEST=	0
INDE	7	33	20	FOBS=	232.8	SIGMA=	0.9	PHAS=	-71.3	FOM=	0.91	TEST=	1
INDE	7	33	22	FOBS=	250.2	SIGMA=	0.9	PHAS=	55.7	FOM=	0.96	TEST=	1
INDE	7	33	24	FOBS=	80.7	SIGMA=	2.3	PHAS=	140.0	FOM=	0.95	TEST=	1
INDE	7	33	26	FOBS=	216.6	SIGMA=	1.1	PHAS=	120.9	FOM=	0.94	TEST=	0
INDE	7	33	28	FOBS=	274.6	SIGMA=	0.8	PHAS=	-148.7	FOM=	0.94	TEST=	0
INDE	7	33	30	FOBS=	112.6	SIGMA=	1.6	PHAS=	-158.7	FOM=	0.95	TEST=	0
INDE	7	33	32	FOBS=	132.2	SIGMA=	1.4	PHAS=	-124.0	FOM=	0.87	TEST=	0
INDE	7	33	34	FOBS=	206.4	SIGMA=	1.0	PHAS=	-49.7	FOM=	0.95	TEST=	0

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INDE	7	33	36	FOBS=	325.2	SIGMA=	0.8	PHAS=	-172.6	FOM=	0.98	TEST=	0
INDE	7	33	38	FOBS=	36.0	SIGMA=	5.8	PHAS=	-142.0	FOM=	0.35	TEST=	0
INDE	7	33	40	FOBS=	226.2	SIGMA=	1.0	PHAS=	134.6	FOM=	0.95	TEST=	0
INDE	7	33	42	FOBS=	22.2	SIGMA=	8.6	PHAS=	-174.0	FOM=	0.61	TEST=	0
INDE	7	33	44	FOBS=	73.3	SIGMA=	2.5	PHAS=	-148.2	FOM=	0.21	TEST=	0
INDE	7	33	46	FOBS=	135.3	SIGMA=	1.7	PHAS=	84.7	FOM=	0.98	TEST=	0
INDE	7	33	48	FOBS=	118.4	SIGMA=	1.9	PHAS=	132.1	FOM=	0.90	TEST=	0
INDE	7	33	50	FOBS=	138.3	SIGMA=	1.5	PHAS=	127.8	FOM=	0.94	TEST=	0
INDE	7	33	52	FOBS=	118.2	SIGMA=	1.5	PHAS=	82.2	FOM=	0.86	TEST=	0
INDE	7	33	54	FOBS=	27.2	SIGMA=	7.0	PHAS=	-72.9	FOM=	0.52	TEST=	0
INDE	7	33	56	FOBS=	139.3	SIGMA=	1.3	PHAS=	140.0	FOM=	0.96	TEST=	0
INDE	7	33	58	FOBS=	40.8	SIGMA=	4.8	PHAS=	99.2	FOM=	0.48	TEST=	0
INDE	7	33	60	FOBS=	34.9	SIGMA=	5.3	PHAS=	-61.5	FOM=	0.47	TEST=	0
INDE	7	33	62	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	33	64	FOBS=	67.7	SIGMA=	2.6	PHAS=	-171.9	FOM=	0.74	TEST=	0
INDE	7	33	66	FOBS=	48.8	SIGMA=	4.6	PHAS=	78.0	FOM=	0.41	TEST=	0
INDE	7	33	68	FOBS=	10.3	SIGMA=	49.4	PHAS=	7.5	FOM=	0.19	TEST=	0
INDE	7	33	70	FOBS=	77.5	SIGMA=	6.9	PHAS=	-23.9	FOM=	0.87	TEST=	0
INDE	7	34	7	FOBS=	420.2	SIGMA=	0.7	PHAS=	-47.8	FOM=	0.98	TEST=	0
INDE	7	34	9	FOBS=	181.1	SIGMA=	0.7	PHAS=	-137.7	FOM=	0.99	TEST=	0
INDE	7	34	11	FOBS=	195.8	SIGMA=	0.7	PHAS=	-54.3	FOM=	0.91	TEST=	0
INDE	7	34	13	FOBS=	96.9	SIGMA=	1.3	PHAS=	-20.8	FOM=	0.98	TEST=	0
INDE	7	34	15	FOBS=	13.4	SIGMA=	9.1	PHAS=	-38.2	FOM=	0.06	TEST=	0
INDE	7	34	17	FOBS=	50.5	SIGMA=	2.6	PHAS=	-80.6	FOM=	0.25	TEST=	0
INDE	7	34	19	FOBS=	181.0	SIGMA=	0.9	PHAS=	-97.6	FOM=	0.97	TEST=	0
INDE	7	34	21	FOBS=	300.0	SIGMA=	0.8	PHAS=	-49.3	FOM=	0.97	TEST=	0
INDE	7	34	23	FOBS=	242.9	SIGMA=	1.0	PHAS=	63.6	FOM=	0.83	TEST=	0
INDE	7	34	25	FOBS=	489.2	SIGMA=	0.8	PHAS=	60.4	FOM=	0.99	TEST=	0
INDE	7	34	27	FOBS=	53.1	SIGMA=	3.4	PHAS=	166.9	FOM=	0.92	TEST=	0
INDE	7	34	29	FOBS=	82.7	SIGMA=	2.3	PHAS=	95.3	FOM=	0.70	TEST=	0
INDE	7	34	31	FOBS=	181.9	SIGMA=	1.1	PHAS=	135.7	FOM=	0.96	TEST=	0
INDE	7	34	33	FOBS=	195.6	SIGMA=	1.1	PHAS=	-161.7	FOM=	0.95	TEST=	0
INDE	7	34	35	FOBS=	274.3	SIGMA=	0.9	PHAS=	116.8	FOM=	0.97	TEST=	0
INDE	7	34	37	FOBS=	248.2	SIGMA=	0.9	PHAS=	124.0	FOM=	0.97	TEST=	0
INDE	7	34	39	FOBS=	136.5	SIGMA=	1.4	PHAS=	64.7	FOM=	0.91	TEST=	0
INDE	7	34	41	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	34	43	FOBS=	60.9	SIGMA=	3.0	PHAS=	-101.4	FOM=	0.18	TEST=	0
INDE	7	34	45	FOBS=	100.2	SIGMA=	1.8	PHAS=	157.3	FOM=	0.84	TEST=	1
INDE	7	34	47	FOBS=	27.0	SIGMA=	9.3	PHAS=	169.0	FOM=	0.14	TEST=	0
INDE	7	34	49	FOBS=	146.9	SIGMA=	1.6	PHAS=	12.8	FOM=	0.96	TEST=	0
INDE	7	34	51	FOBS=	42.5	SIGMA=	5.1	PHAS=	69.9	FOM=	0.72	TEST=	0
INDE	7	34	53	FOBS=	69.0	SIGMA=	2.4	PHAS=	-171.1	FOM=	0.33	TEST=	0
INDE	7	34	55	FOBS=	37.1	SIGMA=	6.8	PHAS=	-144.7	FOM=	0.60	TEST=	0
INDE	7	34	57	FOBS=	106.9	SIGMA=	1.8	PHAS=	39.5	FOM=	0.90	TEST=	0
INDE	7	34	59	FOBS=	103.7	SIGMA=	1.8	PHAS=	-62.3	FOM=	0.91	TEST=	0
INDE	7	34	61	FOBS=	99.0	SIGMA=	1.8	PHAS=	178.3	FOM=	0.76	TEST=	0
INDE	7	34	63	FOBS=	76.9	SIGMA=	2.3	PHAS=	121.7	FOM=	0.84	TEST=	0
INDE	7	34	65	FOBS=	84.0	SIGMA=	2.3	PHAS=	15.6	FOM=	0.88	TEST=	0
INDE	7	34	67	FOBS=	82.0	SIGMA=	2.8	PHAS=	-41.2	FOM=	0.91	TEST=	0
INDE	7	34	69	FOBS=	61.8	SIGMA=	8.4	PHAS=	-101.1	FOM=	0.89	TEST=	0
INDE	7	35	8	FOBS=	279.4	SIGMA=	0.7	PHAS=	153.6	FOM=	0.98	TEST=	0
INDE	7	35	10	FOBS=	183.9	SIGMA=	0.8	PHAS=	-130.7	FOM=	0.98	TEST=	0
INDE	7	35	12	FOBS=	117.3	SIGMA=	1.1	PHAS=	-158.2	FOM=	0.95	TEST=	1
INDE	7	35	14	FOBS=	138.3	SIGMA=	1.0	PHAS=	-50.3	FOM=	0.96	TEST=	0
INDE	7	35	16	FOBS=	117.7	SIGMA=	1.2	PHAS=	-59.1	FOM=	0.94	TEST=	1
INDE	7	35	18	FOBS=	189.0	SIGMA=	0.9	PHAS=	81.5	FOM=	0.85	TEST=	0
INDE	7	35	20	FOBS=	209.9	SIGMA=	0.8	PHAS=	-145.4	FOM=	0.92	TEST=	0
INDE	7	35	22	FOBS=	159.2	SIGMA=	1.4	PHAS=	-15.8	FOM=	0.97	TEST=	0
INDE	7	35	24	FOBS=	272.5	SIGMA=	1.0	PHAS=	-63.2	FOM=	0.92	TEST=	0
INDE	7	35	26	FOBS=	114.1	SIGMA=	2.0	PHAS=	-2.1	FOM=	0.95	TEST=	0
INDE	7	35	28	FOBS=	38.4	SIGMA=	5.0	PHAS=	-49.4	FOM=	0.48	TEST=	0
INDE	7	35	30	FOBS=	181.4	SIGMA=	1.2	PHAS=	122.9	FOM=	0.98	TEST=	0
INDE	7	35	32	FOBS=	106.0	SIGMA=	1.9	PHAS=	108.0	FOM=	0.67	TEST=	0
INDE	7	35	34	FOBS=	39.6	SIGMA=	5.3	PHAS=	-41.3	FOM=	0.66	TEST=	0
INDE	7	35	36	FOBS=	97.1	SIGMA=	2.1	PHAS=	49.0	FOM=	0.89	TEST=	0
INDE	7	35	38	FOBS=	293.5	SIGMA=	0.9	PHAS=	-1.6	FOM=	0.97	TEST=	0
INDE	7	35	40	FOBS=	46.2	SIGMA=	6.0	PHAS=	-156.5	FOM=	0.85	TEST=	0
INDE	7	35	42	FOBS=	48.9	SIGMA=	4.1	PHAS=	-42.2	FOM=	0.73	TEST=	0
INDE	7	35	44	FOBS=	101.3	SIGMA=	1.8	PHAS=	66.8	FOM=	0.93	TEST=	0
INDE	7	35	46	FOBS=	91.1	SIGMA=	2.0	PHAS=	52.7	FOM=	0.88	TEST=	0

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INDE	7	35	48	FOBS=	131.2	SIGMA=	1.6	PHAS=	-92.6	FOM=	0.86	TEST=	0
INDE	7	35	50	FOBS=	90.4	SIGMA=	2.5	PHAS=	26.4	FOM=	0.86	TEST=	0
INDE	7	35	52	FOBS=	77.5	SIGMA=	2.4	PHAS=	86.3	FOM=	0.44	TEST=	1
INDE	7	35	54	FOBS=	66.6	SIGMA=	2.7	PHAS=	-131.7	FOM=	0.71	TEST=	0
INDE	7	35	56	FOBS=	41.7	SIGMA=	4.3	PHAS=	-118.6	FOM=	0.61	TEST=	0
INDE	7	35	58	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	35	60	FOBS=	61.7	SIGMA=	2.9	PHAS=	-111.4	FOM=	0.52	TEST=	0
INDE	7	35	62	FOBS=	49.6	SIGMA=	3.6	PHAS=	85.6	FOM=	0.63	TEST=	0
INDE	7	35	64	FOBS=	51.4	SIGMA=	3.4	PHAS=	-157.4	FOM=	0.83	TEST=	0
INDE	7	35	66	FOBS=	36.0	SIGMA=	5.9	PHAS=	-84.0	FOM=	0.55	TEST=	0
INDE	7	35	68	FOBS=	40.1	SIGMA=	7.8	PHAS=	177.7	FOM=	0.08	TEST=	1
INDE	7	36	7	FOBS=	545.2	SIGMA=	0.8	PHAS=	-50.6	FOM=	0.99	TEST=	0
INDE	7	36	9	FOBS=	470.9	SIGMA=	0.8	PHAS=	125.8	FOM=	0.97	TEST=	0
INDE	7	36	11	FOBS=	141.5	SIGMA=	1.0	PHAS=	172.8	FOM=	0.96	TEST=	0
INDE	7	36	13	FOBS=	195.5	SIGMA=	0.8	PHAS=	138.9	FOM=	0.95	TEST=	0
INDE	7	36	15	FOBS=	258.7	SIGMA=	0.7	PHAS=	-130.0	FOM=	0.97	TEST=	0
INDE	7	36	17	FOBS=	181.4	SIGMA=	0.9	PHAS=	-104.2	FOM=	0.96	TEST=	0
INDE	7	36	19	FOBS=	260.7	SIGMA=	1.0	PHAS=	-101.3	FOM=	0.93	TEST=	0
INDE	7	36	21	FOBS=	367.2	SIGMA=	0.8	PHAS=	-144.5	FOM=	0.99	TEST=	0
INDE	7	36	23	FOBS=	186.4	SIGMA=	1.3	PHAS=	25.7	FOM=	0.26	TEST=	0
INDE	7	36	25	FOBS=	382.6	SIGMA=	0.8	PHAS=	17.6	FOM=	0.95	TEST=	0
INDE	7	36	27	FOBS=	104.6	SIGMA=	2.2	PHAS=	-30.7	FOM=	0.72	TEST=	0
INDE	7	36	29	FOBS=	182.4	SIGMA=	1.2	PHAS=	24.7	FOM=	0.86	TEST=	0
INDE	7	36	31	FOBS=	241.2	SIGMA=	0.9	PHAS=	88.1	FOM=	0.91	TEST=	1
INDE	7	36	33	FOBS=	126.3	SIGMA=	1.6	PHAS=	-52.2	FOM=	0.88	TEST=	0
INDE	7	36	35	FOBS=	200.8	SIGMA=	1.1	PHAS=	171.6	FOM=	0.94	TEST=	0
INDE	7	36	37	FOBS=	151.0	SIGMA=	1.4	PHAS=	-126.9	FOM=	0.89	TEST=	0
INDE	7	36	39	FOBS=	82.1	SIGMA=	2.3	PHAS=	-69.5	FOM=	0.90	TEST=	0
INDE	7	36	41	FOBS=	151.4	SIGMA=	1.3	PHAS=	-167.4	FOM=	0.92	TEST=	0
INDE	7	36	43	FOBS=	32.4	SIGMA=	6.0	PHAS=	-67.2	FOM=	0.34	TEST=	0
INDE	7	36	45	FOBS=	52.2	SIGMA=	3.5	PHAS=	65.2	FOM=	0.77	TEST=	0
INDE	7	36	47	FOBS=	29.3	SIGMA=	6.8	PHAS=	-128.4	FOM=	0.24	TEST=	0
INDE	7	36	49	FOBS=	99.6	SIGMA=	2.0	PHAS=	-63.7	FOM=	0.90	TEST=	0
INDE	7	36	51	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	36	53	FOBS=	87.7	SIGMA=	2.1	PHAS=	50.7	FOM=	0.37	TEST=	1
INDE	7	36	55	FOBS=	63.8	SIGMA=	2.8	PHAS=	-161.7	FOM=	0.70	TEST=	0
INDE	7	36	57	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	36	59	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	36	61	FOBS=	18.4	SIGMA=	12.0	PHAS=	96.7	FOM=	0.15	TEST=	0
INDE	7	36	63	FOBS=	39.3	SIGMA=	4.5	PHAS=	111.4	FOM=	0.66	TEST=	0
INDE	7	36	65	FOBS=	78.5	SIGMA=	2.4	PHAS=	106.4	FOM=	0.90	TEST=	0
INDE	7	36	67	FOBS=	96.8	SIGMA=	2.6	PHAS=	-10.6	FOM=	0.94	TEST=	0
INDE	7	37	8	FOBS=	319.2	SIGMA=	0.6	PHAS=	164.7	FOM=	0.88	TEST=	0
INDE	7	37	10	FOBS=	281.6	SIGMA=	0.7	PHAS=	66.9	FOM=	0.97	TEST=	0
INDE	7	37	12	FOBS=	284.3	SIGMA=	0.7	PHAS=	150.8	FOM=	0.99	TEST=	0
INDE	7	37	14	FOBS=	263.5	SIGMA=	0.7	PHAS=	74.9	FOM=	0.99	TEST=	0
INDE	7	37	16	FOBS=	208.1	SIGMA=	0.8	PHAS=	131.1	FOM=	0.88	TEST=	0
INDE	7	37	18	FOBS=	192.4	SIGMA=	1.2	PHAS=	161.2	FOM=	0.91	TEST=	0
INDE	7	37	20	FOBS=	92.4	SIGMA=	1.8	PHAS=	66.2	FOM=	0.83	TEST=	0
INDE	7	37	22	FOBS=	149.3	SIGMA=	1.2	PHAS=	97.0	FOM=	0.97	TEST=	0
INDE	7	37	24	FOBS=	267.5	SIGMA=	1.0	PHAS=	-25.0	FOM=	0.96	TEST=	0
INDE	7	37	26	FOBS=	120.4	SIGMA=	2.0	PHAS=	-2.3	FOM=	0.85	TEST=	1
INDE	7	37	28	FOBS=	111.8	SIGMA=	2.2	PHAS=	-138.7	FOM=	0.91	TEST=	0
INDE	7	37	30	FOBS=	101.6	SIGMA=	2.2	PHAS=	56.1	FOM=	0.87	TEST=	0
INDE	7	37	32	FOBS=	167.5	SIGMA=	1.3	PHAS=	-97.3	FOM=	0.89	TEST=	0
INDE	7	37	34	FOBS=	109.5	SIGMA=	1.8	PHAS=	105.8	FOM=	0.76	TEST=	0
INDE	7	37	36	FOBS=	88.8	SIGMA=	2.2	PHAS=	132.6	FOM=	0.78	TEST=	0
INDE	7	37	38	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	37	40	FOBS=	130.8	SIGMA=	1.5	PHAS=	129.9	FOM=	0.84	TEST=	0
INDE	7	37	42	FOBS=	88.4	SIGMA=	2.1	PHAS=	81.8	FOM=	0.90	TEST=	0
INDE	7	37	44	FOBS=	69.8	SIGMA=	2.6	PHAS=	56.5	FOM=	0.71	TEST=	0
INDE	7	37	46	FOBS=	40.4	SIGMA=	4.5	PHAS=	67.8	FOM=	0.67	TEST=	0
INDE	7	37	48	FOBS=	143.0	SIGMA=	1.3	PHAS=	-146.5	FOM=	0.93	TEST=	0
INDE	7	37	50	FOBS=	28.9	SIGMA=	7.8	PHAS=	24.2	FOM=	0.46	TEST=	0
INDE	7	37	52	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	37	54	FOBS=	66.7	SIGMA=	2.7	PHAS=	23.1	FOM=	0.57	TEST=	0
INDE	7	37	56	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	37	58	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	37	60	FOBS=	40.4	SIGMA=	4.4	PHAS=	-1.9	FOM=	0.56	TEST=	0
INDE	7	37	62	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	7	37	64	FOBS=	36.8	SIGMA=	4.9	PHAS=	41.1	FOM=	0.50	TEST=	0
INDE	7	37	66	FOBS=	50.2	SIGMA=	4.7	PHAS=	10.5	FOM=	0.73	TEST=	0
INDE	7	37	68	FOBS=	0.0	SIGMA=	28.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	38	7	FOBS=	206.0	SIGMA=	0.8	PHAS=	45.3	FOM=	0.98	TEST=	0
INDE	7	38	9	FOBS=	160.2	SIGMA=	1.8	PHAS=	95.3	FOM=	0.97	TEST=	0
INDE	7	38	11	FOBS=	187.5	SIGMA=	0.8	PHAS=	29.4	FOM=	0.93	TEST=	0
INDE	7	38	13	FOBS=	149.1	SIGMA=	1.0	PHAS=	55.8	FOM=	0.98	TEST=	1
INDE	7	38	15	FOBS=	311.9	SIGMA=	0.7	PHAS=	-46.8	FOM=	0.94	TEST=	0
INDE	7	38	17	FOBS=	284.4	SIGMA=	0.8	PHAS=	79.6	FOM=	0.31	TEST=	1
INDE	7	38	19	FOBS=	141.4	SIGMA=	1.3	PHAS=	-95.9	FOM=	0.91	TEST=	1
INDE	7	38	21	FOBS=	44.3	SIGMA=	3.8	PHAS=	-140.7	FOM=	0.33	TEST=	0
INDE	7	38	23	FOBS=	210.3	SIGMA=	1.2	PHAS=	-12.0	FOM=	0.98	TEST=	1
INDE	7	38	25	FOBS=	65.9	SIGMA=	3.6	PHAS=	144.2	FOM=	0.23	TEST=	0
INDE	7	38	27	FOBS=	186.8	SIGMA=	1.4	PHAS=	-31.4	FOM=	0.95	TEST=	0
INDE	7	38	29	FOBS=	137.8	SIGMA=	1.9	PHAS=	30.9	FOM=	0.56	TEST=	0
INDE	7	38	31	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	38	33	FOBS=	147.2	SIGMA=	1.4	PHAS=	151.4	FOM=	0.89	TEST=	0
INDE	7	38	35	FOBS=	48.2	SIGMA=	4.3	PHAS=	84.7	FOM=	0.52	TEST=	1
INDE	7	38	37	FOBS=	176.7	SIGMA=	1.2	PHAS=	100.3	FOM=	0.92	TEST=	0
INDE	7	38	39	FOBS=	115.7	SIGMA=	1.7	PHAS=	14.8	FOM=	0.77	TEST=	0
INDE	7	38	41	FOBS=	81.9	SIGMA=	2.3	PHAS=	52.4	FOM=	0.31	TEST=	0
INDE	7	38	43	FOBS=	91.5	SIGMA=	2.0	PHAS=	-37.8	FOM=	0.85	TEST=	0
INDE	7	38	45	FOBS=	14.8	SIGMA=	12.2	PHAS=	28.4	FOM=	0.20	TEST=	0
INDE	7	38	47	FOBS=	51.1	SIGMA=	3.5	PHAS=	106.7	FOM=	0.74	TEST=	1
INDE	7	38	49	FOBS=	80.0	SIGMA=	2.3	PHAS=	148.7	FOM=	0.84	TEST=	0
INDE	7	38	51	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	38	53	FOBS=	101.2	SIGMA=	1.9	PHAS=	55.5	FOM=	0.88	TEST=	0
INDE	7	38	55	FOBS=	15.6	SIGMA=	13.6	PHAS=	150.4	FOM=	0.05	TEST=	1
INDE	7	38	57	FOBS=	27.4	SIGMA=	6.6	PHAS=	139.2	FOM=	0.58	TEST=	0
INDE	7	38	59	FOBS=	20.6	SIGMA=	8.7	PHAS=	-26.2	FOM=	0.06	TEST=	0
INDE	7	38	61	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	38	63	FOBS=	39.2	SIGMA=	4.7	PHAS=	-117.2	FOM=	0.38	TEST=	1
INDE	7	38	65	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	38	67	FOBS=	16.7	SIGMA=	14.5	PHAS=	31.4	FOM=	0.67	TEST=	0
INDE	7	39	8	FOBS=	327.2	SIGMA=	0.6	PHAS=	22.7	FOM=	0.92	TEST=	1
INDE	7	39	10	FOBS=	271.5	SIGMA=	0.9	PHAS=	-19.9	FOM=	0.94	TEST=	1
INDE	7	39	12	FOBS=	156.2	SIGMA=	1.0	PHAS=	10.9	FOM=	0.68	TEST=	0
INDE	7	39	14	FOBS=	341.8	SIGMA=	0.6	PHAS=	-61.2	FOM=	0.98	TEST=	0
INDE	7	39	16	FOBS=	234.3	SIGMA=	0.9	PHAS=	-90.3	FOM=	0.58	TEST=	0
INDE	7	39	18	FOBS=	202.7	SIGMA=	0.9	PHAS=	100.5	FOM=	0.95	TEST=	0
INDE	7	39	20	FOBS=	173.8	SIGMA=	1.1	PHAS=	-135.9	FOM=	0.82	TEST=	0
INDE	7	39	22	FOBS=	114.7	SIGMA=	1.6	PHAS=	-49.7	FOM=	0.90	TEST=	0
INDE	7	39	24	FOBS=	86.1	SIGMA=	2.9	PHAS=	-31.0	FOM=	0.72	TEST=	0
INDE	7	39	26	FOBS=	159.7	SIGMA=	1.7	PHAS=	101.4	FOM=	0.82	TEST=	1
INDE	7	39	28	FOBS=	322.4	SIGMA=	1.0	PHAS=	-146.8	FOM=	0.98	TEST=	0
INDE	7	39	30	FOBS=	168.5	SIGMA=	1.5	PHAS=	-113.0	FOM=	0.94	TEST=	0
INDE	7	39	32	FOBS=	17.4	SIGMA=	15.4	PHAS=	28.2	FOM=	0.15	TEST=	0
INDE	7	39	34	FOBS=	95.7	SIGMA=	2.1	PHAS=	99.4	FOM=	0.77	TEST=	0
INDE	7	39	36	FOBS=	54.4	SIGMA=	3.5	PHAS=	-89.6	FOM=	0.77	TEST=	0
INDE	7	39	38	FOBS=	168.6	SIGMA=	1.2	PHAS=	2.3	FOM=	0.96	TEST=	0
INDE	7	39	40	FOBS=	96.7	SIGMA=	2.0	PHAS=	60.3	FOM=	0.74	TEST=	0
INDE	7	39	42	FOBS=	116.2	SIGMA=	1.7	PHAS=	-66.4	FOM=	0.95	TEST=	0
INDE	7	39	44	FOBS=	145.0	SIGMA=	1.3	PHAS=	-128.9	FOM=	0.92	TEST=	0
INDE	7	39	46	FOBS=	82.9	SIGMA=	2.2	PHAS=	-70.1	FOM=	0.84	TEST=	0
INDE	7	39	48	FOBS=	73.7	SIGMA=	2.4	PHAS=	120.9	FOM=	0.82	TEST=	0
INDE	7	39	50	FOBS=	45.3	SIGMA=	3.9	PHAS=	-12.7	FOM=	0.47	TEST=	0
INDE	7	39	52	FOBS=	59.0	SIGMA=	3.3	PHAS=	17.0	FOM=	0.88	TEST=	0
INDE	7	39	54	FOBS=	93.3	SIGMA=	2.0	PHAS=	-13.5	FOM=	0.81	TEST=	0
INDE	7	39	56	FOBS=	65.4	SIGMA=	2.8	PHAS=	68.5	FOM=	0.86	TEST=	0
INDE	7	39	58	FOBS=	35.0	SIGMA=	5.2	PHAS=	117.5	FOM=	0.50	TEST=	0
INDE	7	39	60	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	39	62	FOBS=	31.8	SIGMA=	5.8	PHAS=	56.7	FOM=	0.47	TEST=	0
INDE	7	39	64	FOBS=	35.4	SIGMA=	6.1	PHAS=	148.2	FOM=	0.56	TEST=	0
INDE	7	39	66	FOBS=	0.0	SIGMA=	27.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	40	7	FOBS=	324.4	SIGMA=	0.9	PHAS=	-52.7	FOM=	0.92	TEST=	0
INDE	7	40	9	FOBS=	186.0	SIGMA=	0.9	PHAS=	-121.7	FOM=	0.98	TEST=	1
INDE	7	40	11	FOBS=	62.3	SIGMA=	2.4	PHAS=	-57.4	FOM=	0.63	TEST=	1
INDE	7	40	13	FOBS=	206.9	SIGMA=	0.9	PHAS=	-107.4	FOM=	0.93	TEST=	0
INDE	7	40	15	FOBS=	205.0	SIGMA=	1.0	PHAS=	-150.0	FOM=	0.95	TEST=	0
INDE	7	40	17	FOBS=	119.3	SIGMA=	1.5	PHAS=	2.9	FOM=	0.96	TEST=	0

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INDE	7	40	19	FOBS=	145.6	SIGMA=	1.4	PHAS=	-178.6	FOM=	0.92	TEST=	0
INDE	7	40	21	FOBS=	180.5	SIGMA=	1.2	PHAS=	-165.0	FOM=	0.95	TEST=	0
INDE	7	40	23	FOBS=	80.6	SIGMA=	2.4	PHAS=	-129.1	FOM=	0.79	TEST=	0
INDE	7	40	25	FOBS=	251.7	SIGMA=	1.2	PHAS=	31.6	FOM=	0.40	TEST=	1
INDE	7	40	27	FOBS=	49.9	SIGMA=	5.8	PHAS=	-70.0	FOM=	0.46	TEST=	0
INDE	7	40	29	FOBS=	248.5	SIGMA=	1.2	PHAS=	157.0	FOM=	0.96	TEST=	1
INDE	7	40	31	FOBS=	147.7	SIGMA=	1.5	PHAS=	32.2	FOM=	0.86	TEST=	0
INDE	7	40	33	FOBS=	299.6	SIGMA=	0.9	PHAS=	-177.8	FOM=	0.96	TEST=	0
INDE	7	40	35	FOBS=	112.1	SIGMA=	1.8	PHAS=	96.4	FOM=	0.94	TEST=	0
INDE	7	40	37	FOBS=	159.3	SIGMA=	1.3	PHAS=	-90.3	FOM=	0.89	TEST=	0
INDE	7	40	39	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	40	41	FOBS=	88.9	SIGMA=	2.2	PHAS=	5.1	FOM=	0.50	TEST=	1
INDE	7	40	43	FOBS=	139.5	SIGMA=	1.4	PHAS=	-176.9	FOM=	0.94	TEST=	0
INDE	7	40	45	FOBS=	86.5	SIGMA=	2.1	PHAS=	166.7	FOM=	0.76	TEST=	0
INDE	7	40	47	FOBS=	69.3	SIGMA=	2.6	PHAS=	66.6	FOM=	0.85	TEST=	0
INDE	7	40	49	FOBS=	24.8	SIGMA=	7.1	PHAS=	116.8	FOM=	0.21	TEST=	0
INDE	7	40	51	FOBS=	166.1	SIGMA=	1.2	PHAS=	-65.5	FOM=	0.97	TEST=	0
INDE	7	40	53	FOBS=	29.2	SIGMA=	6.5	PHAS=	0.3	FOM=	0.67	TEST=	0
INDE	7	40	55	FOBS=	89.1	SIGMA=	2.1	PHAS=	-81.8	FOM=	0.89	TEST=	0
INDE	7	40	57	FOBS=	48.7	SIGMA=	4.4	PHAS=	71.5	FOM=	0.75	TEST=	0
INDE	7	40	59	FOBS=	58.4	SIGMA=	3.2	PHAS=	-97.6	FOM=	0.25	TEST=	1
INDE	7	40	61	FOBS=	65.0	SIGMA=	2.9	PHAS=	-6.2	FOM=	0.86	TEST=	0
INDE	7	40	63	FOBS=	33.6	SIGMA=	5.9	PHAS=	-4.6	FOM=	0.56	TEST=	0
INDE	7	40	65	FOBS=	60.6	SIGMA=	3.6	PHAS=	99.5	FOM=	0.78	TEST=	0
INDE	7	41	8	FOBS=	202.4	SIGMA=	0.9	PHAS=	-163.1	FOM=	0.97	TEST=	0
INDE	7	41	10	FOBS=	115.7	SIGMA=	1.9	PHAS=	-56.3	FOM=	0.77	TEST=	0
INDE	7	41	12	FOBS=	103.8	SIGMA=	1.6	PHAS=	-119.7	FOM=	0.67	TEST=	0
INDE	7	41	14	FOBS=	227.6	SIGMA=	0.9	PHAS=	-162.9	FOM=	0.97	TEST=	0
INDE	7	41	16	FOBS=	72.6	SIGMA=	2.4	PHAS=	66.9	FOM=	0.20	TEST=	0
INDE	7	41	18	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	7	41	20	FOBS=	388.1	SIGMA=	1.0	PHAS=	106.4	FOM=	0.89	TEST=	1
INDE	7	41	22	FOBS=	155.7	SIGMA=	1.4	PHAS=	8.2	FOM=	0.91	TEST=	0
INDE	7	41	24	FOBS=	195.2	SIGMA=	1.2	PHAS=	-79.7	FOM=	0.91	TEST=	0
INDE	7	41	26	FOBS=	52.5	SIGMA=	5.0	PHAS=	124.9	FOM=	0.87	TEST=	0
INDE	7	41	28	FOBS=	225.6	SIGMA=	1.3	PHAS=	133.4	FOM=	0.94	TEST=	0
INDE	7	41	30	FOBS=	94.2	SIGMA=	2.7	PHAS=	-17.8	FOM=	0.91	TEST=	0
INDE	7	41	32	FOBS=	284.8	SIGMA=	0.9	PHAS=	-60.4	FOM=	0.12	TEST=	1
INDE	7	41	34	FOBS=	192.6	SIGMA=	1.1	PHAS=	53.3	FOM=	0.95	TEST=	0
INDE	7	41	36	FOBS=	81.0	SIGMA=	2.4	PHAS=	159.2	FOM=	0.66	TEST=	0
INDE	7	41	38	FOBS=	104.7	SIGMA=	1.9	PHAS=	-53.4	FOM=	0.90	TEST=	0
INDE	7	41	40	FOBS=	62.8	SIGMA=	3.0	PHAS=	-51.2	FOM=	0.73	TEST=	0
INDE	7	41	42	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	41	44	FOBS=	61.9	SIGMA=	3.0	PHAS=	138.2	FOM=	0.84	TEST=	0
INDE	7	41	46	FOBS=	113.6	SIGMA=	1.6	PHAS=	-54.1	FOM=	0.94	TEST=	0
INDE	7	41	48	FOBS=	57.0	SIGMA=	3.1	PHAS=	-28.8	FOM=	0.24	TEST=	0
INDE	7	41	50	FOBS=	76.2	SIGMA=	2.4	PHAS=	-126.6	FOM=	0.88	TEST=	0
INDE	7	41	52	FOBS=	41.9	SIGMA=	5.1	PHAS=	-160.8	FOM=	0.58	TEST=	0
INDE	7	41	54	FOBS=	75.5	SIGMA=	2.5	PHAS=	-167.7	FOM=	0.86	TEST=	0
INDE	7	41	56	FOBS=	26.0	SIGMA=	7.2	PHAS=	-6.5	FOM=	0.86	TEST=	0
INDE	7	41	58	FOBS=	36.4	SIGMA=	5.1	PHAS=	124.5	FOM=	0.69	TEST=	0
INDE	7	41	60	FOBS=	83.5	SIGMA=	2.3	PHAS=	-140.0	FOM=	0.93	TEST=	0
INDE	7	41	62	FOBS=	67.2	SIGMA=	2.8	PHAS=	-38.6	FOM=	0.29	TEST=	1
INDE	7	41	64	FOBS=	55.9	SIGMA=	4.3	PHAS=	19.0	FOM=	0.82	TEST=	0
INDE	7	42	7	FOBS=	349.5	SIGMA=	0.9	PHAS=	120.9	FOM=	0.96	TEST=	0
INDE	7	42	9	FOBS=	249.8	SIGMA=	1.3	PHAS=	-154.7	FOM=	0.95	TEST=	0
INDE	7	42	11	FOBS=	234.0	SIGMA=	1.2	PHAS=	152.4	FOM=	0.93	TEST=	0
INDE	7	42	13	FOBS=	139.4	SIGMA=	1.3	PHAS=	-176.9	FOM=	0.96	TEST=	0
INDE	7	42	15	FOBS=	105.7	SIGMA=	1.7	PHAS=	105.1	FOM=	0.70	TEST=	0
INDE	7	42	17	FOBS=	56.6	SIGMA=	3.7	PHAS=	0.9	FOM=	0.92	TEST=	0
INDE	7	42	19	FOBS=	372.1	SIGMA=	0.9	PHAS=	-83.3	FOM=	0.98	TEST=	0
INDE	7	42	21	FOBS=	210.4	SIGMA=	1.2	PHAS=	16.6	FOM=	0.91	TEST=	0
INDE	7	42	23	FOBS=	78.3	SIGMA=	2.7	PHAS=	146.2	FOM=	0.76	TEST=	0
INDE	7	42	25	FOBS=	112.5	SIGMA=	1.9	PHAS=	162.1	FOM=	0.87	TEST=	0
INDE	7	42	27	FOBS=	163.5	SIGMA=	1.7	PHAS=	67.2	FOM=	0.91	TEST=	0
INDE	7	42	29	FOBS=	159.3	SIGMA=	2.0	PHAS=	-98.7	FOM=	0.10	TEST=	1
INDE	7	42	31	FOBS=	137.8	SIGMA=	1.9	PHAS=	-106.3	FOM=	0.95	TEST=	0
INDE	7	42	33	FOBS=	189.1	SIGMA=	1.3	PHAS=	-112.1	FOM=	0.91	TEST=	0
INDE	7	42	35	FOBS=	115.2	SIGMA=	1.7	PHAS=	33.4	FOM=	0.88	TEST=	0
INDE	7	42	37	FOBS=	38.8	SIGMA=	5.2	PHAS=	120.3	FOM=	0.14	TEST=	0
INDE	7	42	39	FOBS=	147.7	SIGMA=	1.4	PHAS=	-150.1	FOM=	0.96	TEST=	0

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INDE	7	42	41	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	7	42	43	FOBS=	58.7	SIGMA=	3.2	PHAS=	1.7	FOM=	0.78	TEST=	1
INDE	7	42	45	FOBS=	49.3	SIGMA=	3.7	PHAS=	-159.4	FOM=	0.54	TEST=	0
INDE	7	42	47	FOBS=	12.9	SIGMA=	14.5	PHAS=	-126.6	FOM=	0.09	TEST=	1
INDE	7	42	49	FOBS=	72.3	SIGMA=	2.5	PHAS=	-168.0	FOM=	0.77	TEST=	0
INDE	7	42	51	FOBS=	89.2	SIGMA=	2.3	PHAS=	30.1	FOM=	0.79	TEST=	0
INDE	7	42	53	FOBS=	109.1	SIGMA=	1.7	PHAS=	108.2	FOM=	0.64	TEST=	1
INDE	7	42	55	FOBS=	33.3	SIGMA=	5.6	PHAS=	35.1	FOM=	0.24	TEST=	0
INDE	7	42	57	FOBS=	35.4	SIGMA=	5.3	PHAS=	-21.6	FOM=	0.24	TEST=	0
INDE	7	42	59	FOBS=	56.6	SIGMA=	3.3	PHAS=	97.8	FOM=	0.58	TEST=	0
INDE	7	42	61	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	42	63	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	42	65	FOBS=	56.3	SIGMA=	7.2	PHAS=	23.3	FOM=	0.76	TEST=	0
INDE	7	43	8	FOBS=	107.4	SIGMA=	1.6	PHAS=	64.8	FOM=	0.93	TEST=	0
INDE	7	43	10	FOBS=	188.2	SIGMA=	1.4	PHAS=	117.7	FOM=	0.95	TEST=	0
INDE	7	43	12	FOBS=	96.2	SIGMA=	1.8	PHAS=	25.1	FOM=	0.88	TEST=	0
INDE	7	43	14	FOBS=	31.0	SIGMA=	5.7	PHAS=	-141.5	FOM=	0.19	TEST=	0
INDE	7	43	16	FOBS=	57.0	SIGMA=	3.3	PHAS=	108.9	FOM=	0.24	TEST=	0
INDE	7	43	18	FOBS=	270.4	SIGMA=	0.9	PHAS=	-152.7	FOM=	0.97	TEST=	0
INDE	7	43	20	FOBS=	43.7	SIGMA=	5.0	PHAS=	132.7	FOM=	0.63	TEST=	0
INDE	7	43	22	FOBS=	113.5	SIGMA=	2.1	PHAS=	-2.6	FOM=	0.98	TEST=	0
INDE	7	43	24	FOBS=	148.1	SIGMA=	1.5	PHAS=	125.1	FOM=	0.65	TEST=	0
INDE	7	43	26	FOBS=	137.1	SIGMA=	1.6	PHAS=	81.1	FOM=	0.88	TEST=	0
INDE	7	43	28	FOBS=	162.1	SIGMA=	1.7	PHAS=	-42.4	FOM=	0.93	TEST=	0
INDE	7	43	30	FOBS=	25.7	SIGMA=	10.7	PHAS=	141.5	FOM=	0.37	TEST=	0
INDE	7	43	32	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	43	34	FOBS=	101.8	SIGMA=	2.1	PHAS=	-100.3	FOM=	0.93	TEST=	0
INDE	7	43	36	FOBS=	49.8	SIGMA=	3.8	PHAS=	37.2	FOM=	0.84	TEST=	1
INDE	7	43	38	FOBS=	117.2	SIGMA=	1.7	PHAS=	-46.4	FOM=	0.67	TEST=	1
INDE	7	43	40	FOBS=	140.8	SIGMA=	1.4	PHAS=	-69.0	FOM=	0.89	TEST=	0
INDE	7	43	42	FOBS=	83.7	SIGMA=	2.3	PHAS=	-53.9	FOM=	0.77	TEST=	0
INDE	7	43	44	FOBS=	64.8	SIGMA=	2.9	PHAS=	-100.5	FOM=	0.88	TEST=	0
INDE	7	43	46	FOBS=	47.4	SIGMA=	3.8	PHAS=	-179.9	FOM=	0.67	TEST=	0
INDE	7	43	48	FOBS=	59.1	SIGMA=	3.0	PHAS=	-179.8	FOM=	0.84	TEST=	0
INDE	7	43	50	FOBS=	32.0	SIGMA=	6.0	PHAS=	30.1	FOM=	0.35	TEST=	0
INDE	7	43	52	FOBS=	161.7	SIGMA=	1.3	PHAS=	16.7	FOM=	0.96	TEST=	0
INDE	7	43	54	FOBS=	46.5	SIGMA=	3.8	PHAS=	34.0	FOM=	0.67	TEST=	0
INDE	7	43	56	FOBS=	41.7	SIGMA=	4.5	PHAS=	-35.7	FOM=	0.55	TEST=	0
INDE	7	43	58	FOBS=	57.3	SIGMA=	3.3	PHAS=	127.6	FOM=	0.81	TEST=	0
INDE	7	43	60	FOBS=	45.8	SIGMA=	4.1	PHAS=	163.2	FOM=	0.20	TEST=	0
INDE	7	43	62	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	43	64	FOBS=	36.5	SIGMA=	8.7	PHAS=	-110.5	FOM=	0.42	TEST=	0
INDE	7	44	7	FOBS=	164.3	SIGMA=	1.3	PHAS=	25.0	FOM=	0.92	TEST=	0
INDE	7	44	9	FOBS=	119.5	SIGMA=	1.4	PHAS=	163.3	FOM=	0.46	TEST=	0
INDE	7	44	11	FOBS=	90.0	SIGMA=	1.7	PHAS=	72.7	FOM=	0.91	TEST=	0
INDE	7	44	13	FOBS=	90.0	SIGMA=	2.1	PHAS=	-13.3	FOM=	0.85	TEST=	0
INDE	7	44	15	FOBS=	172.2	SIGMA=	1.2	PHAS=	-38.9	FOM=	0.95	TEST=	0
INDE	7	44	17	FOBS=	71.5	SIGMA=	2.8	PHAS=	69.7	FOM=	0.48	TEST=	0
INDE	7	44	19	FOBS=	118.8	SIGMA=	1.8	PHAS=	81.8	FOM=	0.91	TEST=	1
INDE	7	44	21	FOBS=	57.8	SIGMA=	3.6	PHAS=	139.9	FOM=	0.83	TEST=	0
INDE	7	44	23	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	44	25	FOBS=	133.6	SIGMA=	1.6	PHAS=	21.5	FOM=	0.89	TEST=	0
INDE	7	44	27	FOBS=	148.7	SIGMA=	1.6	PHAS=	-177.9	FOM=	0.84	TEST=	0
INDE	7	44	29	FOBS=	58.2	SIGMA=	4.4	PHAS=	61.2	FOM=	0.77	TEST=	0
INDE	7	44	31	FOBS=	97.0	SIGMA=	2.6	PHAS=	-95.5	FOM=	0.81	TEST=	0
INDE	7	44	33	FOBS=	56.5	SIGMA=	3.7	PHAS=	-145.7	FOM=	0.52	TEST=	1
INDE	7	44	35	FOBS=	171.0	SIGMA=	1.3	PHAS=	174.9	FOM=	0.96	TEST=	0
INDE	7	44	37	FOBS=	115.4	SIGMA=	1.7	PHAS=	-117.8	FOM=	0.87	TEST=	0
INDE	7	44	39	FOBS=	78.3	SIGMA=	2.5	PHAS=	-176.1	FOM=	0.86	TEST=	1
INDE	7	44	41	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	44	43	FOBS=	53.4	SIGMA=	3.5	PHAS=	-87.0	FOM=	0.81	TEST=	0
INDE	7	44	45	FOBS=	7.3	SIGMA=	27.6	PHAS=	58.0	FOM=	0.06	TEST=	0
INDE	7	44	47	FOBS=	35.0	SIGMA=	5.4	PHAS=	145.0	FOM=	0.49	TEST=	0
INDE	7	44	49	FOBS=	39.0	SIGMA=	4.5	PHAS=	154.2	FOM=	0.68	TEST=	0
INDE	7	44	51	FOBS=	49.4	SIGMA=	4.0	PHAS=	-53.1	FOM=	0.73	TEST=	0
INDE	7	44	53	FOBS=	78.0	SIGMA=	2.3	PHAS=	-75.8	FOM=	0.69	TEST=	0
INDE	7	44	55	FOBS=	54.6	SIGMA=	3.3	PHAS=	-90.9	FOM=	0.87	TEST=	0
INDE	7	44	57	FOBS=	51.5	SIGMA=	3.7	PHAS=	55.8	FOM=	0.85	TEST=	0
INDE	7	44	59	FOBS=	50.1	SIGMA=	3.8	PHAS=	126.1	FOM=	0.31	TEST=	1
INDE	7	44	61	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE 7 44 63 FOBS= 63.2 SIGMA= 3.6 PHAS= 125.5 FOM= 0.88 TEST= 0
INDE 7 45 8 FOBS= 95.1 SIGMA= 2.7 PHAS= 28.6 FOM= 0.73 TEST= 0
INDE 7 45 10 FOBS= 221.8 SIGMA= 1.6 PHAS= -80.8 FOM= 0.94 TEST= 0
INDE 7 45 12 FOBS= 230.1 SIGMA= 0.8 PHAS= 143.8 FOM= 0.95 TEST= 0
INDE 7 45 14 FOBS= 167.7 SIGMA= 1.2 PHAS= -73.7 FOM= 0.91 TEST= 0
INDE 7 45 16 FOBS= 291.9 SIGMA= 0.9 PHAS= -148.0 FOM= 0.86 TEST= 1
INDE 7 45 18 FOBS= 13.8 SIGMA= 14.8 PHAS= 61.8 FOM= 0.27 TEST= 0
INDE 7 45 20 FOBS= 160.6 SIGMA= 1.5 PHAS= 175.3 FOM= 0.42 TEST= 1
INDE 7 45 22 FOBS= 103.1 SIGMA= 2.1 PHAS= -19.3 FOM= 0.63 TEST= 0
INDE 7 45 24 FOBS= 56.0 SIGMA= 3.8 PHAS= 161.1 FOM= 0.68 TEST= 0
INDE 7 45 26 FOBS= 91.7 SIGMA= 2.3 PHAS= 26.6 FOM= 0.40 TEST= 0
INDE 7 45 28 FOBS= 245.5 SIGMA= 1.2 PHAS= -43.4 FOM= 0.95 TEST= 0
INDE 7 45 30 FOBS= 37.5 SIGMA= 7.9 PHAS= -73.3 FOM= 0.10 TEST= 0
INDE 7 45 32 FOBS= 40.4 SIGMA= 6.1 PHAS= -147.3 FOM= 0.38 TEST= 0
INDE 7 45 34 FOBS= 30.3 SIGMA= 7.8 PHAS= -94.9 FOM= 0.38 TEST= 0
INDE 7 45 36 FOBS= 206.6 SIGMA= 1.1 PHAS= 82.3 FOM= 0.96 TEST= 0
INDE 7 45 38 FOBS= 0.0 SIGMA= 20.1 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 7 45 40 FOBS= 128.1 SIGMA= 1.5 PHAS= 76.0 FOM= 0.93 TEST= 1
INDE 7 45 42 FOBS= 0.0 SIGMA= 19.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 7 45 44 FOBS= 57.4 SIGMA= 3.2 PHAS= 146.7 FOM= 0.41 TEST= 0
INDE 7 45 46 FOBS= 80.9 SIGMA= 2.3 PHAS= 143.1 FOM= 0.83 TEST= 0
INDE 7 45 48 FOBS= 133.4 SIGMA= 1.4 PHAS= -61.4 FOM= 0.15 TEST= 1
INDE 7 45 50 FOBS= 91.1 SIGMA= 2.2 PHAS= 102.2 FOM= 0.93 TEST= 0
INDE 7 45 52 FOBS= 0.0 SIGMA= 21.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 7 45 54 FOBS= 68.9 SIGMA= 2.6 PHAS= 158.4 FOM= 0.82 TEST= 0
INDE 7 45 56 FOBS= 0.0 SIGMA= 19.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 7 45 58 FOBS= 11.1 SIGMA= 17.1 PHAS= 16.6 FOM= 0.15 TEST= 0
INDE 7 45 60 FOBS= 44.1 SIGMA= 4.7 PHAS= 27.7 FOM= 0.82 TEST= 0
INDE 7 45 62 FOBS= 14.3 SIGMA= 19.1 PHAS= -11.7 FOM= 0.17 TEST= 0
INDE 7 46 7 FOBS= 64.8 SIGMA= 3.0 PHAS= 75.9 FOM= 0.95 TEST= 0
INDE 7 46 9 FOBS= 238.7 SIGMA= 0.8 PHAS= -154.8 FOM= 0.96 TEST= 0
INDE 7 46 11 FOBS= 194.5 SIGMA= 0.9 PHAS= 55.8 FOM= 0.94 TEST= 0
INDE 7 46 13 FOBS= 318.4 SIGMA= 0.9 PHAS= 64.5 FOM= 0.96 TEST= 0
INDE 7 46 15 FOBS= 191.2 SIGMA= 1.2 PHAS= 168.7 FOM= 0.88 TEST= 0
INDE 7 46 17 FOBS= 171.3 SIGMA= 1.3 PHAS= -152.4 FOM= 0.96 TEST= 0
INDE 7 46 19 FOBS= 226.0 SIGMA= 1.0 PHAS= 54.1 FOM= 0.95 TEST= 0
INDE 7 46 21 FOBS= 81.9 SIGMA= 2.7 PHAS= 86.7 FOM= 0.34 TEST= 0
INDE 7 46 23 FOBS= 50.4 SIGMA= 4.1 PHAS= 52.8 FOM= 0.26 TEST= 0
INDE 7 46 25 FOBS= 173.8 SIGMA= 1.3 PHAS= 7.5 FOM= 0.89 TEST= 0
INDE 7 46 27 FOBS= 164.5 SIGMA= 1.3 PHAS= -116.8 FOM= 0.89 TEST= 0
INDE 7 46 29 FOBS= 0.0 SIGMA= 22.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 7 46 31 FOBS= 77.9 SIGMA= 3.2 PHAS= 58.9 FOM= 0.77 TEST= 0
INDE 7 46 33 FOBS= 81.9 SIGMA= 3.0 PHAS= 43.5 FOM= 0.30 TEST= 0
INDE 7 46 35 FOBS= 76.1 SIGMA= 2.8 PHAS= 139.5 FOM= 0.74 TEST= 0
INDE 7 46 37 FOBS= 94.9 SIGMA= 2.0 PHAS= -50.2 FOM= 0.89 TEST= 0
INDE 7 46 39 FOBS= 107.5 SIGMA= 1.8 PHAS= -15.3 FOM= 0.92 TEST= 0
INDE 7 46 41 FOBS= 108.4 SIGMA= 1.8 PHAS= 31.2 FOM= 0.90 TEST= 1
INDE 7 46 43 FOBS= 90.6 SIGMA= 2.1 PHAS= -78.1 FOM= 0.88 TEST= 0
INDE 7 46 45 FOBS= 37.8 SIGMA= 5.1 PHAS= 16.7 FOM= 0.53 TEST= 0
INDE 7 46 47 FOBS= 97.6 SIGMA= 1.9 PHAS= 146.4 FOM= 0.52 TEST= 1
INDE 7 46 49 FOBS= 71.6 SIGMA= 2.5 PHAS= 80.1 FOM= 0.90 TEST= 0
INDE 7 46 51 FOBS= 23.3 SIGMA= 8.4 PHAS= -5.3 FOM= 0.57 TEST= 0
INDE 7 46 53 FOBS= 44.2 SIGMA= 4.7 PHAS= 39.3 FOM= 0.70 TEST= 0
INDE 7 46 55 FOBS= 69.4 SIGMA= 2.6 PHAS= 54.8 FOM= 0.67 TEST= 0
INDE 7 46 57 FOBS= 0.0 SIGMA= 20.1 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 7 46 59 FOBS= 75.4 SIGMA= 2.6 PHAS= -101.7 FOM= 0.88 TEST= 0
INDE 7 46 61 FOBS= 42.2 SIGMA= 5.4 PHAS= -110.3 FOM= 0.84 TEST= 0
INDE 7 47 8 FOBS= 38.1 SIGMA= 8.4 PHAS= 11.2 FOM= 0.56 TEST= 0
INDE 7 47 10 FOBS= 213.7 SIGMA= 1.5 PHAS= -103.5 FOM= 0.95 TEST= 0
INDE 7 47 12 FOBS= 130.4 SIGMA= 1.4 PHAS= 135.9 FOM= 0.83 TEST= 0
INDE 7 47 14 FOBS= 247.6 SIGMA= 1.1 PHAS= -44.7 FOM= 0.97 TEST= 0
INDE 7 47 16 FOBS= 203.6 SIGMA= 1.1 PHAS= 49.4 FOM= 0.26 TEST= 1
INDE 7 47 18 FOBS= 0.0 SIGMA= 20.2 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 7 47 20 FOBS= 150.9 SIGMA= 1.6 PHAS= 58.6 FOM= 0.89 TEST= 1
INDE 7 47 22 FOBS= 47.2 SIGMA= 4.3 PHAS= -176.7 FOM= 0.54 TEST= 0
INDE 7 47 24 FOBS= 79.7 SIGMA= 2.6 PHAS= -168.6 FOM= 0.69 TEST= 0
INDE 7 47 26 FOBS= 190.1 SIGMA= 1.2 PHAS= -89.2 FOM= 0.90 TEST= 0
INDE 7 47 28 FOBS= 0.0 SIGMA= 20.6 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 7 47 30 FOBS= 124.2 SIGMA= 2.1 PHAS= -99.9 FOM= 0.70 TEST= 0
INDE 7 47 32 FOBS= 136.9 SIGMA= 1.9 PHAS= -29.7 FOM= 0.97 TEST= 0

FIG. 12A - 203

INDE	7	47	34	FOBS=	108.8	SIGMA=	2.3	PHAS=	61.9	FOM=	0.70	TEST=	0
INDE	7	47	36	FOBS=	51.2	SIGMA=	4.1	PHAS=	62.0	FOM=	0.62	TEST=	0
INDE	7	47	38	FOBS=	153.8	SIGMA=	1.3	PHAS=	-107.8	FOM=	0.94	TEST=	0
INDE	7	47	40	FOBS=	100.2	SIGMA=	1.9	PHAS=	-85.7	FOM=	0.66	TEST=	1
INDE	7	47	42	FOBS=	125.1	SIGMA=	1.6	PHAS=	-99.8	FOM=	0.91	TEST=	0
INDE	7	47	44	FOBS=	95.5	SIGMA=	2.0	PHAS=	175.9	FOM=	0.91	TEST=	0
INDE	7	47	46	FOBS=	111.0	SIGMA=	1.7	PHAS=	70.3	FOM=	0.77	TEST=	0
INDE	7	47	48	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	7	47	50	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	7	47	52	FOBS=	25.0	SIGMA=	9.5	PHAS=	-33.3	FOM=	0.49	TEST=	0
INDE	7	47	54	FOBS=	44.2	SIGMA=	4.4	PHAS=	-115.1	FOM=	0.33	TEST=	1
INDE	7	47	56	FOBS=	71.8	SIGMA=	2.6	PHAS=	-60.4	FOM=	0.73	TEST=	0
INDE	7	47	58	FOBS=	24.4	SIGMA=	7.9	PHAS=	133.2	FOM=	0.74	TEST=	0
INDE	7	47	60	FOBS=	8.0	SIGMA=	28.4	PHAS=	163.7	FOM=	0.22	TEST=	0
INDE	7	48	7	FOBS=	139.1	SIGMA=	1.5	PHAS=	91.5	FOM=	0.06	TEST=	1
INDE	7	48	9	FOBS=	144.3	SIGMA=	2.0	PHAS=	-41.2	FOM=	0.55	TEST=	0
INDE	7	48	11	FOBS=	137.9	SIGMA=	1.2	PHAS=	-9.1	FOM=	0.25	TEST=	0
INDE	7	48	13	FOBS=	191.5	SIGMA=	1.2	PHAS=	144.1	FOM=	0.94	TEST=	0
INDE	7	48	15	FOBS=	308.0	SIGMA=	0.8	PHAS=	-118.3	FOM=	0.98	TEST=	0
INDE	7	48	17	FOBS=	140.9	SIGMA=	1.5	PHAS=	-147.2	FOM=	0.85	TEST=	0
INDE	7	48	19	FOBS=	136.5	SIGMA=	1.6	PHAS=	52.2	FOM=	0.89	TEST=	0
INDE	7	48	21	FOBS=	129.0	SIGMA=	1.7	PHAS=	40.0	FOM=	0.81	TEST=	1
INDE	7	48	23	FOBS=	125.6	SIGMA=	1.7	PHAS=	107.3	FOM=	0.84	TEST=	0
INDE	7	48	25	FOBS=	54.4	SIGMA=	3.8	PHAS=	121.8	FOM=	0.18	TEST=	0
INDE	7	48	27	FOBS=	98.6	SIGMA=	2.1	PHAS=	116.3	FOM=	0.95	TEST=	0
INDE	7	48	29	FOBS=	126.4	SIGMA=	1.6	PHAS=	30.3	FOM=	0.94	TEST=	0
INDE	7	48	31	FOBS=	72.7	SIGMA=	3.4	PHAS=	-51.5	FOM=	0.55	TEST=	0
INDE	7	48	33	FOBS=	111.5	SIGMA=	2.3	PHAS=	-156.7	FOM=	0.93	TEST=	0
INDE	7	48	35	FOBS=	74.8	SIGMA=	3.0	PHAS=	140.3	FOM=	0.75	TEST=	0
INDE	7	48	37	FOBS=	74.5	SIGMA=	2.8	PHAS=	-94.7	FOM=	0.78	TEST=	0
INDE	7	48	39	FOBS=	80.0	SIGMA=	2.4	PHAS=	115.7	FOM=	0.71	TEST=	0
INDE	7	48	41	FOBS=	51.0	SIGMA=	3.6	PHAS=	-149.1	FOM=	0.54	TEST=	0
INDE	7	48	43	FOBS=	69.3	SIGMA=	2.7	PHAS=	157.6	FOM=	0.56	TEST=	0
INDE	7	48	45	FOBS=	158.7	SIGMA=	1.2	PHAS=	51.7	FOM=	0.91	TEST=	0
INDE	7	48	47	FOBS=	63.2	SIGMA=	2.9	PHAS=	-166.5	FOM=	0.82	TEST=	0
INDE	7	48	49	FOBS=	70.9	SIGMA=	3.1	PHAS=	-138.7	FOM=	0.37	TEST=	1
INDE	7	48	51	FOBS=	43.1	SIGMA=	4.6	PHAS=	-95.8	FOM=	0.59	TEST=	0
INDE	7	48	53	FOBS=	59.0	SIGMA=	3.1	PHAS=	97.6	FOM=	0.02	TEST=	1
INDE	7	48	55	FOBS=	17.9	SIGMA=	11.4	PHAS=	-26.5	FOM=	0.29	TEST=	0
INDE	7	48	57	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	7	48	59	FOBS=	55.1	SIGMA=	3.9	PHAS=	103.3	FOM=	0.73	TEST=	0
INDE	7	49	8	FOBS=	35.1	SIGMA=	7.9	PHAS=	-158.7	FOM=	0.33	TEST=	0
INDE	7	49	10	FOBS=	167.1	SIGMA=	1.8	PHAS=	-132.5	FOM=	0.90	TEST=	0
INDE	7	49	12	FOBS=	202.5	SIGMA=	0.9	PHAS=	112.2	FOM=	0.94	TEST=	0
INDE	7	49	14	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	49	16	FOBS=	92.0	SIGMA=	2.3	PHAS=	-103.7	FOM=	0.89	TEST=	0
INDE	7	49	18	FOBS=	61.0	SIGMA=	3.3	PHAS=	74.6	FOM=	0.78	TEST=	0
INDE	7	49	20	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	49	22	FOBS=	171.0	SIGMA=	1.3	PHAS=	175.7	FOM=	0.94	TEST=	0
INDE	7	49	24	FOBS=	157.3	SIGMA=	1.4	PHAS=	9.9	FOM=	0.92	TEST=	0
INDE	7	49	26	FOBS=	196.9	SIGMA=	1.2	PHAS=	-5.8	FOM=	0.91	TEST=	0
INDE	7	49	28	FOBS=	152.1	SIGMA=	1.4	PHAS=	-24.8	FOM=	0.90	TEST=	0
INDE	7	49	30	FOBS=	148.1	SIGMA=	1.4	PHAS=	-116.9	FOM=	0.93	TEST=	0
INDE	7	49	32	FOBS=	81.7	SIGMA=	3.1	PHAS=	67.0	FOM=	0.87	TEST=	0
INDE	7	49	34	FOBS=	224.2	SIGMA=	1.3	PHAS=	107.4	FOM=	0.98	TEST=	0
INDE	7	49	36	FOBS=	67.2	SIGMA=	3.1	PHAS=	119.9	FOM=	0.64	TEST=	0
INDE	7	49	38	FOBS=	43.7	SIGMA=	4.7	PHAS=	-107.8	FOM=	0.68	TEST=	0
INDE	7	49	40	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	49	42	FOBS=	35.3	SIGMA=	5.5	PHAS=	-130.4	FOM=	0.38	TEST=	0
INDE	7	49	44	FOBS=	50.4	SIGMA=	4.1	PHAS=	-75.4	FOM=	0.60	TEST=	0
INDE	7	49	46	FOBS=	30.0	SIGMA=	6.4	PHAS=	22.4	FOM=	0.35	TEST=	0
INDE	7	49	48	FOBS=	112.4	SIGMA=	1.7	PHAS=	63.8	FOM=	0.90	TEST=	0
INDE	7	49	50	FOBS=	20.3	SIGMA=	9.8	PHAS=	178.5	FOM=	0.41	TEST=	0
INDE	7	49	52	FOBS=	63.0	SIGMA=	3.2	PHAS=	147.6	FOM=	0.84	TEST=	0
INDE	7	49	54	FOBS=	35.6	SIGMA=	5.1	PHAS=	-161.5	FOM=	0.61	TEST=	0
INDE	7	49	56	FOBS=	69.2	SIGMA=	2.7	PHAS=	-72.7	FOM=	0.78	TEST=	0
INDE	7	49	58	FOBS=	52.1	SIGMA=	4.1	PHAS=	93.5	FOM=	0.76	TEST=	0
INDE	7	50	7	FOBS=	208.1	SIGMA=	1.2	PHAS=	80.5	FOM=	0.97	TEST=	0
INDE	7	50	9	FOBS=	145.0	SIGMA=	2.0	PHAS=	-12.9	FOM=	0.89	TEST=	0
INDE	7	50	11	FOBS=	140.0	SIGMA=	1.4	PHAS=	95.3	FOM=	0.84	TEST=	0

FIG. 12A - 204

INDE	7	50	13	FOBS=	99.7	SIGMA=	1.7	PHAS=	147.2	FOM=	0.94	TEST=	0
INDE	7	50	15	FOBS=	159.5	SIGMA=	1.0	PHAS=	-152.9	FOM=	0.95	TEST=	0
INDE	7	50	17	FOBS=	107.2	SIGMA=	1.9	PHAS=	131.7	FOM=	0.94	TEST=	0
INDE	7	50	19	FOBS=	153.6	SIGMA=	1.4	PHAS=	-18.1	FOM=	0.96	TEST=	0
INDE	7	50	21	FOBS=	138.3	SIGMA=	1.6	PHAS=	75.2	FOM=	0.90	TEST=	0
INDE	7	50	23	FOBS=	121.0	SIGMA=	1.7	PHAS=	33.4	FOM=	0.91	TEST=	0
INDE	7	50	25	FOBS=	116.6	SIGMA=	1.8	PHAS=	176.0	FOM=	0.28	TEST=	1
INDE	7	50	27	FOBS=	61.0	SIGMA=	3.8	PHAS=	94.9	FOM=	0.61	TEST=	0
INDE	7	50	29	FOBS=	71.2	SIGMA=	2.8	PHAS=	107.1	FOM=	0.90	TEST=	0
INDE	7	50	31	FOBS=	68.0	SIGMA=	2.9	PHAS=	-107.7	FOM=	0.68	TEST=	0
INDE	7	50	33	FOBS=	172.7	SIGMA=	1.6	PHAS=	11.2	FOM=	0.96	TEST=	0
INDE	7	50	35	FOBS=	127.1	SIGMA=	2.0	PHAS=	54.3	FOM=	0.94	TEST=	0
INDE	7	50	37	FOBS=	36.8	SIGMA=	5.6	PHAS=	-22.5	FOM=	0.59	TEST=	0
INDE	7	50	39	FOBS=	24.4	SIGMA=	8.7	PHAS=	-28.3	FOM=	0.76	TEST=	0
INDE	7	50	41	FOBS=	69.8	SIGMA=	2.6	PHAS=	-152.3	FOM=	0.63	TEST=	0
INDE	7	50	43	FOBS=	94.4	SIGMA=	2.0	PHAS=	153.4	FOM=	0.82	TEST=	0
INDE	7	50	45	FOBS=	39.4	SIGMA=	4.9	PHAS=	128.7	FOM=	0.52	TEST=	0
INDE	7	50	47	FOBS=	81.9	SIGMA=	2.3	PHAS=	-49.6	FOM=	0.75	TEST=	0
INDE	7	50	49	FOBS=	90.6	SIGMA=	2.3	PHAS=	-70.8	FOM=	0.81	TEST=	0
INDE	7	50	51	FOBS=	89.1	SIGMA=	2.3	PHAS=	76.4	FOM=	0.83	TEST=	0
INDE	7	50	53	FOBS=	38.0	SIGMA=	4.8	PHAS=	-115.8	FOM=	0.11	TEST=	1
INDE	7	50	55	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	50	57	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	50	59	FOBS=	42.9	SIGMA=	7.3	PHAS=	132.2	FOM=	0.68	TEST=	0
INDE	7	51	8	FOBS=	79.7	SIGMA=	3.4	PHAS=	-57.5	FOM=	0.83	TEST=	0
INDE	7	51	10	FOBS=	157.2	SIGMA=	1.8	PHAS=	-58.5	FOM=	0.92	TEST=	0
INDE	7	51	12	FOBS=	82.1	SIGMA=	1.9	PHAS=	60.3	FOM=	0.93	TEST=	0
INDE	7	51	14	FOBS=	91.1	SIGMA=	1.9	PHAS=	88.9	FOM=	0.84	TEST=	0
INDE	7	51	16	FOBS=	161.7	SIGMA=	1.0	PHAS=	41.9	FOM=	0.75	TEST=	1
INDE	7	51	18	FOBS=	87.5	SIGMA=	2.3	PHAS=	58.9	FOM=	0.93	TEST=	0
INDE	7	51	20	FOBS=	172.4	SIGMA=	1.2	PHAS=	-96.3	FOM=	0.90	TEST=	0
INDE	7	51	22	FOBS=	170.9	SIGMA=	1.3	PHAS=	-108.0	FOM=	0.94	TEST=	0
INDE	7	51	24	FOBS=	130.5	SIGMA=	1.6	PHAS=	-27.8	FOM=	0.63	TEST=	0
INDE	7	51	26	FOBS=	48.4	SIGMA=	4.2	PHAS=	-36.2	FOM=	0.62	TEST=	0
INDE	7	51	28	FOBS=	113.4	SIGMA=	1.8	PHAS=	-21.1	FOM=	0.84	TEST=	0
INDE	7	51	30	FOBS=	85.6	SIGMA=	2.4	PHAS=	30.7	FOM=	0.78	TEST=	0
INDE	7	51	32	FOBS=	141.2	SIGMA=	1.5	PHAS=	-112.5	FOM=	0.86	TEST=	0
INDE	7	51	34	FOBS=	51.8	SIGMA=	4.7	PHAS=	-54.6	FOM=	0.71	TEST=	0
INDE	7	51	36	FOBS=	39.3	SIGMA=	6.0	PHAS=	-115.8	FOM=	0.50	TEST=	0
INDE	7	51	38	FOBS=	114.2	SIGMA=	1.9	PHAS=	-110.4	FOM=	0.91	TEST=	0
INDE	7	51	40	FOBS=	91.8	SIGMA=	2.0	PHAS=	-111.1	FOM=	0.81	TEST=	0
INDE	7	51	42	FOBS=	30.3	SIGMA=	6.0	PHAS=	-88.1	FOM=	0.26	TEST=	0
INDE	7	51	44	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	51	46	FOBS=	98.0	SIGMA=	1.9	PHAS=	-56.1	FOM=	0.91	TEST=	0
INDE	7	51	48	FOBS=	35.9	SIGMA=	6.6	PHAS=	-108.2	FOM=	0.09	TEST=	1
INDE	7	51	50	FOBS=	70.5	SIGMA=	2.9	PHAS=	-140.3	FOM=	0.88	TEST=	0
INDE	7	51	52	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	51	54	FOBS=	44.5	SIGMA=	4.7	PHAS=	125.7	FOM=	0.74	TEST=	0
INDE	7	51	56	FOBS=	41.1	SIGMA=	5.2	PHAS=	166.8	FOM=	0.80	TEST=	0
INDE	7	51	58	FOBS=	41.7	SIGMA=	6.2	PHAS=	103.9	FOM=	0.73	TEST=	0
INDE	7	52	7	FOBS=	223.5	SIGMA=	1.4	PHAS=	106.1	FOM=	0.95	TEST=	0
INDE	7	52	9	FOBS=	135.0	SIGMA=	2.1	PHAS=	-82.4	FOM=	0.95	TEST=	0
INDE	7	52	11	FOBS=	98.2	SIGMA=	2.8	PHAS=	49.0	FOM=	0.67	TEST=	1
INDE	7	52	13	FOBS=	57.4	SIGMA=	2.7	PHAS=	79.3	FOM=	0.90	TEST=	0
INDE	7	52	15	FOBS=	183.3	SIGMA=	1.0	PHAS=	-100.0	FOM=	0.95	TEST=	0
INDE	7	52	17	FOBS=	159.7	SIGMA=	1.1	PHAS=	-6.7	FOM=	0.95	TEST=	0
INDE	7	52	19	FOBS=	21.3	SIGMA=	8.9	PHAS=	-37.6	FOM=	0.19	TEST=	0
INDE	7	52	21	FOBS=	234.2	SIGMA=	1.0	PHAS=	145.6	FOM=	0.95	TEST=	0
INDE	7	52	23	FOBS=	23.9	SIGMA=	8.9	PHAS=	134.9	FOM=	0.13	TEST=	0
INDE	7	52	25	FOBS=	81.5	SIGMA=	2.5	PHAS=	-141.2	FOM=	0.32	TEST=	1
INDE	7	52	27	FOBS=	53.6	SIGMA=	3.7	PHAS=	-62.1	FOM=	0.56	TEST=	0
INDE	7	52	29	FOBS=	93.8	SIGMA=	2.2	PHAS=	-56.4	FOM=	0.96	TEST=	0
INDE	7	52	31	FOBS=	53.4	SIGMA=	3.7	PHAS=	-139.7	FOM=	0.78	TEST=	0
INDE	7	52	33	FOBS=	82.6	SIGMA=	2.4	PHAS=	136.5	FOM=	0.87	TEST=	0
INDE	7	52	35	FOBS=	99.6	SIGMA=	2.5	PHAS=	111.0	FOM=	0.62	TEST=	0
INDE	7	52	37	FOBS=	58.9	SIGMA=	3.7	PHAS=	-158.4	FOM=	0.88	TEST=	0
INDE	7	52	39	FOBS=	86.7	SIGMA=	2.4	PHAS=	-124.8	FOM=	0.85	TEST=	0
INDE	7	52	41	FOBS=	80.0	SIGMA=	2.3	PHAS=	-170.0	FOM=	0.93	TEST=	0
INDE	7	52	43	FOBS=	107.8	SIGMA=	1.8	PHAS=	95.2	FOM=	0.92	TEST=	0
INDE	7	52	45	FOBS=	48.8	SIGMA=	3.8	PHAS=	165.8	FOM=	0.87	TEST=	0

FIG. 12A - 205

INDE	7	52	47	FOBS=	52.5	SIGMA=	3.5	PHAS=	161.4	FOM=	0.82	TEST=	0
INDE	7	52	49	FOBS=	37.8	SIGMA=	5.4	PHAS=	-53.6	FOM=	0.37	TEST=	0
INDE	7	52	51	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	52	53	FOBS=	68.2	SIGMA=	2.8	PHAS=	-50.1	FOM=	0.92	TEST=	0
INDE	7	52	55	FOBS=	73.6	SIGMA=	3.0	PHAS=	45.9	FOM=	0.90	TEST=	0
INDE	7	52	57	FOBS=	39.6	SIGMA=	7.6	PHAS=	89.6	FOM=	0.59	TEST=	0
INDE	7	53	8	FOBS=	122.2	SIGMA=	2.3	PHAS=	22.2	FOM=	0.91	TEST=	0
INDE	7	53	10	FOBS=	195.3	SIGMA=	1.7	PHAS=	-75.2	FOM=	0.95	TEST=	0
INDE	7	53	12	FOBS=	139.3	SIGMA=	1.1	PHAS=	-3.5	FOM=	0.93	TEST=	0
INDE	7	53	14	FOBS=	153.0	SIGMA=	1.1	PHAS=	135.9	FOM=	0.90	TEST=	0
INDE	7	53	16	FOBS=	125.9	SIGMA=	1.2	PHAS=	-159.6	FOM=	0.92	TEST=	0
INDE	7	53	18	FOBS=	72.0	SIGMA=	2.6	PHAS=	69.1	FOM=	0.71	TEST=	0
INDE	7	53	20	FOBS=	116.3	SIGMA=	1.7	PHAS=	83.9	FOM=	0.26	TEST=	0
INDE	7	53	22	FOBS=	47.7	SIGMA=	4.4	PHAS=	45.4	FOM=	0.82	TEST=	0
INDE	7	53	24	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	53	26	FOBS=	61.2	SIGMA=	3.3	PHAS=	-47.5	FOM=	0.79	TEST=	0
INDE	7	53	28	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	7	53	30	FOBS=	60.4	SIGMA=	3.3	PHAS=	-161.4	FOM=	0.72	TEST=	0
INDE	7	53	32	FOBS=	62.2	SIGMA=	3.2	PHAS=	-34.5	FOM=	0.28	TEST=	0
INDE	7	53	34	FOBS=	114.1	SIGMA=	1.8	PHAS=	83.4	FOM=	0.94	TEST=	0
INDE	7	53	36	FOBS=	103.2	SIGMA=	2.4	PHAS=	61.9	FOM=	0.87	TEST=	0
INDE	7	53	38	FOBS=	41.4	SIGMA=	4.9	PHAS=	161.4	FOM=	0.70	TEST=	0
INDE	7	53	40	FOBS=	115.3	SIGMA=	1.7	PHAS=	55.1	FOM=	0.55	TEST=	1
INDE	7	53	42	FOBS=	43.6	SIGMA=	4.2	PHAS=	-2.2	FOM=	0.55	TEST=	0
INDE	7	53	44	FOBS=	80.6	SIGMA=	2.3	PHAS=	76.4	FOM=	0.94	TEST=	0
INDE	7	53	46	FOBS=	28.3	SIGMA=	7.2	PHAS=	137.5	FOM=	0.23	TEST=	0
INDE	7	53	48	FOBS=	9.2	SIGMA=	24.6	PHAS=	-19.0	FOM=	0.10	TEST=	0
INDE	7	53	50	FOBS=	61.9	SIGMA=	3.3	PHAS=	-164.5	FOM=	0.76	TEST=	0
INDE	7	53	52	FOBS=	21.7	SIGMA=	9.1	PHAS=	130.3	FOM=	0.27	TEST=	0
INDE	7	53	54	FOBS=	7.7	SIGMA=	30.7	PHAS=	-100.3	FOM=	0.21	TEST=	0
INDE	7	53	56	FOBS=	34.7	SIGMA=	8.7	PHAS=	140.5	FOM=	0.48	TEST=	0
INDE	7	54	7	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	54	9	FOBS=	104.9	SIGMA=	2.6	PHAS=	-161.7	FOM=	0.61	TEST=	0
INDE	7	54	11	FOBS=	196.7	SIGMA=	1.5	PHAS=	-63.3	FOM=	0.93	TEST=	0
INDE	7	54	13	FOBS=	95.9	SIGMA=	1.6	PHAS=	-47.9	FOM=	0.72	TEST=	0
INDE	7	54	15	FOBS=	27.6	SIGMA=	5.8	PHAS=	157.6	FOM=	0.42	TEST=	0
INDE	7	54	17	FOBS=	126.5	SIGMA=	1.2	PHAS=	108.6	FOM=	0.92	TEST=	0
INDE	7	54	19	FOBS=	170.2	SIGMA=	1.2	PHAS=	177.4	FOM=	0.90	TEST=	0
INDE	7	54	21	FOBS=	55.8	SIGMA=	3.5	PHAS=	-168.1	FOM=	0.37	TEST=	0
INDE	7	54	23	FOBS=	88.9	SIGMA=	2.2	PHAS=	-54.9	FOM=	0.83	TEST=	0
INDE	7	54	25	FOBS=	102.2	SIGMA=	2.0	PHAS=	-103.2	FOM=	0.97	TEST=	0
INDE	7	54	27	FOBS=	27.0	SIGMA=	7.2	PHAS=	-23.1	FOM=	0.32	TEST=	0
INDE	7	54	29	FOBS=	42.1	SIGMA=	4.7	PHAS=	109.8	FOM=	0.46	TEST=	0
INDE	7	54	31	FOBS=	101.8	SIGMA=	2.0	PHAS=	163.7	FOM=	0.85	TEST=	0
INDE	7	54	33	FOBS=	16.2	SIGMA=	12.0	PHAS=	-49.6	FOM=	0.16	TEST=	0
INDE	7	54	35	FOBS=	111.7	SIGMA=	1.8	PHAS=	-25.5	FOM=	0.93	TEST=	0
INDE	7	54	37	FOBS=	105.0	SIGMA=	2.4	PHAS=	-75.6	FOM=	0.92	TEST=	0
INDE	7	54	39	FOBS=	51.6	SIGMA=	3.9	PHAS=	-112.8	FOM=	0.46	TEST=	0
INDE	7	54	41	FOBS=	67.0	SIGMA=	2.7	PHAS=	-2.4	FOM=	0.62	TEST=	0
INDE	7	54	43	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	54	45	FOBS=	2.1	SIGMA=	94.2	PHAS=	-27.4	FOM=	0.06	TEST=	0
INDE	7	54	47	FOBS=	47.4	SIGMA=	4.3	PHAS=	85.8	FOM=	0.55	TEST=	0
INDE	7	54	49	FOBS=	60.6	SIGMA=	3.4	PHAS=	-79.1	FOM=	0.81	TEST=	0
INDE	7	54	51	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	54	53	FOBS=	53.6	SIGMA=	4.5	PHAS=	-5.8	FOM=	0.64	TEST=	0
INDE	7	54	55	FOBS=	75.6	SIGMA=	4.7	PHAS=	26.6	FOM=	0.91	TEST=	0
INDE	7	55	8	FOBS=	48.2	SIGMA=	5.5	PHAS=	-44.3	FOM=	0.75	TEST=	0
INDE	7	55	10	FOBS=	31.3	SIGMA=	9.7	PHAS=	89.8	FOM=	0.21	TEST=	0
INDE	7	55	12	FOBS=	41.8	SIGMA=	6.2	PHAS=	103.5	FOM=	0.39	TEST=	0
INDE	7	55	14	FOBS=	129.0	SIGMA=	1.3	PHAS=	168.3	FOM=	0.87	TEST=	0
INDE	7	55	16	FOBS=	61.9	SIGMA=	2.7	PHAS=	26.5	FOM=	0.87	TEST=	0
INDE	7	55	18	FOBS=	209.2	SIGMA=	0.8	PHAS=	73.5	FOM=	0.95	TEST=	0
INDE	7	55	20	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	55	22	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	7	55	24	FOBS=	157.7	SIGMA=	1.3	PHAS=	178.1	FOM=	0.90	TEST=	0
INDE	7	55	26	FOBS=	106.7	SIGMA=	1.9	PHAS=	-121.5	FOM=	0.94	TEST=	0
INDE	7	55	28	FOBS=	133.2	SIGMA=	1.6	PHAS=	98.3	FOM=	0.92	TEST=	0
INDE	7	55	30	FOBS=	154.8	SIGMA=	1.4	PHAS=	74.2	FOM=	0.95	TEST=	0
INDE	7	55	32	FOBS=	82.9	SIGMA=	2.4	PHAS=	112.5	FOM=	0.79	TEST=	0
INDE	7	55	34	FOBS=	15.7	SIGMA=	15.2	PHAS=	4.6	FOM=	0.00	TEST=	1

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INDE	7	55	36	FOBS=	62.6	SIGMA=	3.1	PHAS=	-145.1	FOM=	0.82	TEST=	0
INDE	7	55	38	FOBS=	55.7	SIGMA=	4.3	PHAS=	-155.9	FOM=	0.81	TEST=	0
INDE	7	55	40	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	55	42	FOBS=	27.7	SIGMA=	6.6	PHAS=	23.7	FOM=	0.14	TEST=	0
INDE	7	55	44	FOBS=	85.5	SIGMA=	2.2	PHAS=	87.5	FOM=	0.92	TEST=	0
INDE	7	55	46	FOBS=	37.3	SIGMA=	6.7	PHAS=	89.8	FOM=	0.28	TEST=	0
INDE	7	55	48	FOBS=	31.6	SIGMA=	7.3	PHAS=	-127.5	FOM=	0.35	TEST=	0
INDE	7	55	50	FOBS=	61.2	SIGMA=	4.2	PHAS=	106.7	FOM=	0.88	TEST=	0
INDE	7	55	52	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	55	54	FOBS=	89.3	SIGMA=	4.1	PHAS=	-105.0	FOM=	0.89	TEST=	0
INDE	7	56	7	FOBS=	135.8	SIGMA=	2.0	PHAS=	152.0	FOM=	0.94	TEST=	0
INDE	7	56	9	FOBS=	162.8	SIGMA=	1.7	PHAS=	105.5	FOM=	0.66	TEST=	1
INDE	7	56	11	FOBS=	99.2	SIGMA=	2.7	PHAS=	-48.0	FOM=	0.72	TEST=	0
INDE	7	56	13	FOBS=	48.2	SIGMA=	5.4	PHAS=	-42.6	FOM=	0.59	TEST=	0
INDE	7	56	15	FOBS=	44.3	SIGMA=	3.6	PHAS=	-144.5	FOM=	0.55	TEST=	0
INDE	7	56	17	FOBS=	171.4	SIGMA=	0.9	PHAS=	-50.0	FOM=	0.94	TEST=	0
INDE	7	56	19	FOBS=	0.0	SIGMA=	17.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	56	21	FOBS=	10.1	SIGMA=	20.5	PHAS=	163.9	FOM=	0.10	TEST=	0
INDE	7	56	23	FOBS=	45.5	SIGMA=	4.2	PHAS=	78.9	FOM=	0.39	TEST=	0
INDE	7	56	25	FOBS=	54.4	SIGMA=	3.6	PHAS=	143.6	FOM=	0.23	TEST=	0
INDE	7	56	27	FOBS=	37.5	SIGMA=	5.2	PHAS=	-83.3	FOM=	0.37	TEST=	0
INDE	7	56	29	FOBS=	133.2	SIGMA=	1.6	PHAS=	-2.0	FOM=	0.96	TEST=	0
INDE	7	56	31	FOBS=	108.2	SIGMA=	1.9	PHAS=	-23.2	FOM=	0.91	TEST=	0
INDE	7	56	33	FOBS=	86.5	SIGMA=	2.3	PHAS=	-69.4	FOM=	0.61	TEST=	0
INDE	7	56	35	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	56	37	FOBS=	25.9	SIGMA=	10.2	PHAS=	-52.5	FOM=	0.26	TEST=	0
INDE	7	56	39	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	56	41	FOBS=	37.3	SIGMA=	6.0	PHAS=	60.4	FOM=	0.59	TEST=	0
INDE	7	56	43	FOBS=	38.0	SIGMA=	5.2	PHAS=	-7.5	FOM=	0.42	TEST=	0
INDE	7	56	45	FOBS=	68.6	SIGMA=	3.2	PHAS=	4.2	FOM=	0.86	TEST=	0
INDE	7	56	47	FOBS=	33.6	SIGMA=	8.4	PHAS=	11.3	FOM=	0.54	TEST=	0
INDE	7	56	49	FOBS=	116.3	SIGMA=	2.3	PHAS=	-12.1	FOM=	0.94	TEST=	0
INDE	7	56	51	FOBS=	24.7	SIGMA=	13.3	PHAS=	30.8	FOM=	0.44	TEST=	0
INDE	7	56	53	FOBS=	95.1	SIGMA=	3.8	PHAS=	79.1	FOM=	0.91	TEST=	0
INDE	7	57	8	FOBS=	152.7	SIGMA=	2.1	PHAS=	84.2	FOM=	0.95	TEST=	0
INDE	7	57	10	FOBS=	131.1	SIGMA=	2.1	PHAS=	53.5	FOM=	0.90	TEST=	0
INDE	7	57	12	FOBS=	66.4	SIGMA=	4.0	PHAS=	124.5	FOM=	0.78	TEST=	0
INDE	7	57	14	FOBS=	168.0	SIGMA=	1.0	PHAS=	-175.6	FOM=	0.90	TEST=	0
INDE	7	57	16	FOBS=	41.3	SIGMA=	4.1	PHAS=	-103.0	FOM=	0.76	TEST=	0
INDE	7	57	18	FOBS=	27.6	SIGMA=	6.3	PHAS=	129.6	FOM=	0.32	TEST=	0
INDE	7	57	20	FOBS=	76.0	SIGMA=	2.0	PHAS=	90.4	FOM=	0.73	TEST=	1
INDE	7	57	22	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	57	24	FOBS=	44.6	SIGMA=	4.4	PHAS=	40.8	FOM=	0.39	TEST=	0
INDE	7	57	26	FOBS=	48.8	SIGMA=	4.3	PHAS=	-144.6	FOM=	0.78	TEST=	0
INDE	7	57	28	FOBS=	65.4	SIGMA=	3.0	PHAS=	-135.4	FOM=	0.55	TEST=	0
INDE	7	57	30	FOBS=	46.3	SIGMA=	4.3	PHAS=	106.5	FOM=	0.36	TEST=	0
INDE	7	57	32	FOBS=	41.8	SIGMA=	5.2	PHAS=	-120.8	FOM=	0.82	TEST=	0
INDE	7	57	34	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	57	36	FOBS=	34.3	SIGMA=	6.1	PHAS=	112.4	FOM=	0.49	TEST=	0
INDE	7	57	38	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	57	40	FOBS=	19.0	SIGMA=	11.7	PHAS=	-21.0	FOM=	0.16	TEST=	0
INDE	7	57	42	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	57	44	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	7	57	46	FOBS=	49.7	SIGMA=	5.1	PHAS=	179.0	FOM=	0.46	TEST=	0
INDE	7	57	48	FOBS=	41.3	SIGMA=	6.3	PHAS=	-51.6	FOM=	0.66	TEST=	0
INDE	7	57	50	FOBS=	49.0	SIGMA=	6.6	PHAS=	-125.1	FOM=	0.78	TEST=	0
INDE	7	57	52	FOBS=	63.1	SIGMA=	5.7	PHAS=	-9.1	FOM=	0.76	TEST=	0
INDE	7	58	7	FOBS=	110.3	SIGMA=	2.5	PHAS=	27.8	FOM=	0.92	TEST=	0
INDE	7	58	9	FOBS=	116.9	SIGMA=	2.3	PHAS=	-5.5	FOM=	0.91	TEST=	0
INDE	7	58	11	FOBS=	118.4	SIGMA=	2.3	PHAS=	-134.5	FOM=	0.96	TEST=	0
INDE	7	58	13	FOBS=	133.2	SIGMA=	2.0	PHAS=	65.9	FOM=	0.90	TEST=	0
INDE	7	58	15	FOBS=	66.7	SIGMA=	2.4	PHAS=	-44.5	FOM=	0.59	TEST=	1
INDE	7	58	17	FOBS=	143.8	SIGMA=	1.2	PHAS=	-116.1	FOM=	0.95	TEST=	0
INDE	7	58	19	FOBS=	119.7	SIGMA=	1.3	PHAS=	9.7	FOM=	0.93	TEST=	0
INDE	7	58	21	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	58	23	FOBS=	64.1	SIGMA=	3.2	PHAS=	169.0	FOM=	0.61	TEST=	0
INDE	7	58	25	FOBS=	50.2	SIGMA=	3.8	PHAS=	-18.1	FOM=	0.51	TEST=	1
INDE	7	58	27	FOBS=	55.2	SIGMA=	3.5	PHAS=	174.1	FOM=	0.27	TEST=	0
INDE	7	58	29	FOBS=	77.2	SIGMA=	2.6	PHAS=	-11.9	FOM=	0.82	TEST=	0
INDE	7	58	31	FOBS=	28.4	SIGMA=	7.6	PHAS=	174.2	FOM=	0.33	TEST=	0

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INDE	7	58	33	FOBS=	42.0	SIGMA=	5.1	PHAS=	160.3	FOM=	0.55	TEST=	0
INDE	7	58	35	FOBS=	69.0	SIGMA=	3.2	PHAS=	90.1	FOM=	0.70	TEST=	0
INDE	7	58	37	FOBS=	13.3	SIGMA=	17.6	PHAS=	-67.7	FOM=	0.39	TEST=	0
INDE	7	58	39	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	58	41	FOBS=	63.8	SIGMA=	3.9	PHAS=	-73.0	FOM=	0.58	TEST=	0
INDE	7	58	43	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	58	45	FOBS=	52.6	SIGMA=	4.2	PHAS=	140.7	FOM=	0.18	TEST=	0
INDE	7	58	47	FOBS=	45.0	SIGMA=	7.0	PHAS=	-5.3	FOM=	0.68	TEST=	0
INDE	7	58	49	FOBS=	69.6	SIGMA=	4.8	PHAS=	-123.5	FOM=	0.09	TEST=	1
INDE	7	58	51	FOBS=	37.3	SIGMA=	9.6	PHAS=	50.0	FOM=	0.18	TEST=	0
INDE	7	59	8	FOBS=	61.7	SIGMA=	4.2	PHAS=	-82.4	FOM=	0.41	TEST=	0
INDE	7	59	10	FOBS=	78.0	SIGMA=	3.3	PHAS=	-83.7	FOM=	0.86	TEST=	0
INDE	7	59	12	FOBS=	61.6	SIGMA=	4.2	PHAS=	12.5	FOM=	0.80	TEST=	0
INDE	7	59	14	FOBS=	81.9	SIGMA=	3.1	PHAS=	-163.8	FOM=	0.91	TEST=	0
INDE	7	59	16	FOBS=	53.6	SIGMA=	3.6	PHAS=	-7.8	FOM=	0.60	TEST=	0
INDE	7	59	18	FOBS=	70.0	SIGMA=	2.8	PHAS=	164.6	FOM=	0.86	TEST=	0
INDE	7	59	20	FOBS=	56.7	SIGMA=	3.0	PHAS=	-62.0	FOM=	0.29	TEST=	0
INDE	7	59	22	FOBS=	113.5	SIGMA=	1.5	PHAS=	-30.2	FOM=	0.94	TEST=	0
INDE	7	59	24	FOBS=	32.3	SIGMA=	5.9	PHAS=	168.0	FOM=	0.18	TEST=	0
INDE	7	59	26	FOBS=	116.4	SIGMA=	1.7	PHAS=	175.2	FOM=	0.72	TEST=	1
INDE	7	59	28	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	59	30	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	59	32	FOBS=	59.9	SIGMA=	4.0	PHAS=	24.0	FOM=	0.19	TEST=	1
INDE	7	59	34	FOBS=	98.1	SIGMA=	2.5	PHAS=	73.2	FOM=	0.92	TEST=	0
INDE	7	59	36	FOBS=	62.2	SIGMA=	3.8	PHAS=	50.1	FOM=	0.55	TEST=	0
INDE	7	59	38	FOBS=	47.8	SIGMA=	5.9	PHAS=	110.5	FOM=	0.67	TEST=	0
INDE	7	59	40	FOBS=	26.9	SIGMA=	11.7	PHAS=	122.6	FOM=	0.59	TEST=	0
INDE	7	59	42	FOBS=	77.6	SIGMA=	3.3	PHAS=	-60.2	FOM=	0.54	TEST=	0
INDE	7	59	44	FOBS=	66.0	SIGMA=	3.3	PHAS=	78.5	FOM=	0.87	TEST=	0
INDE	7	59	46	FOBS=	31.7	SIGMA=	8.0	PHAS=	32.9	FOM=	0.38	TEST=	0
INDE	7	59	48	FOBS=	45.9	SIGMA=	8.1	PHAS=	-163.7	FOM=	0.04	TEST=	1
INDE	7	59	50	FOBS=	80.0	SIGMA=	6.2	PHAS=	-33.5	FOM=	0.88	TEST=	0
INDE	7	60	7	FOBS=	60.4	SIGMA=	4.2	PHAS=	-172.8	FOM=	0.68	TEST=	1
INDE	7	60	9	FOBS=	86.4	SIGMA=	3.0	PHAS=	170.5	FOM=	0.90	TEST=	0
INDE	7	60	11	FOBS=	166.0	SIGMA=	1.7	PHAS=	-154.7	FOM=	0.95	TEST=	0
INDE	7	60	13	FOBS=	81.8	SIGMA=	3.2	PHAS=	29.0	FOM=	0.56	TEST=	0
INDE	7	60	15	FOBS=	57.2	SIGMA=	3.1	PHAS=	57.7	FOM=	0.64	TEST=	0
INDE	7	60	17	FOBS=	73.1	SIGMA=	2.7	PHAS=	68.6	FOM=	0.25	TEST=	1
INDE	7	60	19	FOBS=	134.9	SIGMA=	1.3	PHAS=	23.7	FOM=	0.95	TEST=	0
INDE	7	60	21	FOBS=	95.1	SIGMA=	1.8	PHAS=	-85.2	FOM=	0.85	TEST=	0
INDE	7	60	23	FOBS=	76.1	SIGMA=	2.4	PHAS=	157.3	FOM=	0.81	TEST=	0
INDE	7	60	25	FOBS=	56.9	SIGMA=	3.7	PHAS=	-87.7	FOM=	0.03	TEST=	1
INDE	7	60	27	FOBS=	30.9	SIGMA=	7.4	PHAS=	-153.8	FOM=	0.28	TEST=	0
INDE	7	60	29	FOBS=	6.8	SIGMA=	33.5	PHAS=	29.2	FOM=	0.06	TEST=	0
INDE	7	60	31	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	60	33	FOBS=	66.8	SIGMA=	3.6	PHAS=	2.8	FOM=	0.79	TEST=	0
INDE	7	60	35	FOBS=	25.5	SIGMA=	10.5	PHAS=	-156.8	FOM=	0.28	TEST=	0
INDE	7	60	37	FOBS=	167.6	SIGMA=	1.6	PHAS=	-83.9	FOM=	0.97	TEST=	0
INDE	7	60	39	FOBS=	110.7	SIGMA=	2.6	PHAS=	-36.7	FOM=	0.91	TEST=	0
INDE	7	60	41	FOBS=	97.2	SIGMA=	2.6	PHAS=	-78.7	FOM=	0.91	TEST=	0
INDE	7	60	43	FOBS=	99.3	SIGMA=	2.4	PHAS=	-75.3	FOM=	0.89	TEST=	0
INDE	7	60	45	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	60	47	FOBS=	40.7	SIGMA=	9.3	PHAS=	-155.6	FOM=	0.24	TEST=	0
INDE	7	61	8	FOBS=	90.0	SIGMA=	2.9	PHAS=	109.0	FOM=	0.78	TEST=	0
INDE	7	61	10	FOBS=	42.9	SIGMA=	6.0	PHAS=	-126.4	FOM=	0.37	TEST=	0
INDE	7	61	12	FOBS=	84.3	SIGMA=	3.1	PHAS=	-15.3	FOM=	0.78	TEST=	0
INDE	7	61	14	FOBS=	105.6	SIGMA=	2.5	PHAS=	-119.3	FOM=	0.92	TEST=	0
INDE	7	61	16	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	61	18	FOBS=	91.2	SIGMA=	2.3	PHAS=	-61.7	FOM=	0.92	TEST=	0
INDE	7	61	20	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	61	22	FOBS=	44.1	SIGMA=	4.5	PHAS=	-32.1	FOM=	0.30	TEST=	0
INDE	7	61	24	FOBS=	122.8	SIGMA=	1.9	PHAS=	-131.5	FOM=	0.93	TEST=	0
INDE	7	61	26	FOBS=	67.2	SIGMA=	4.1	PHAS=	177.9	FOM=	0.81	TEST=	0
INDE	7	61	28	FOBS=	23.6	SIGMA=	11.4	PHAS=	76.1	FOM=	0.07	TEST=	0
INDE	7	61	30	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	61	32	FOBS=	69.4	SIGMA=	4.1	PHAS=	-64.0	FOM=	0.78	TEST=	0
INDE	7	61	34	FOBS=	13.4	SIGMA=	24.1	PHAS=	115.9	FOM=	0.39	TEST=	1
INDE	7	61	36	FOBS=	147.8	SIGMA=	2.0	PHAS=	150.2	FOM=	0.96	TEST=	0
INDE	7	61	38	FOBS=	112.9	SIGMA=	2.6	PHAS=	171.5	FOM=	0.96	TEST=	0
INDE	7	61	40	FOBS=	93.7	SIGMA=	3.0	PHAS=	-153.5	FOM=	0.94	TEST=	0

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INDE	7	61	42	FOBS=	97.8	SIGMA=	2.7	PHAS=	135.4	FOM=	0.91	TEST=	0
INDE	7	61	44	FOBS=	56.5	SIGMA=	4.7	PHAS=	170.5	FOM=	0.86	TEST=	0
INDE	7	61	46	FOBS=	98.7	SIGMA=	3.9	PHAS=	78.7	FOM=	0.93	TEST=	0
INDE	7	62	7	FOBS=	65.9	SIGMA=	3.9	PHAS=	17.4	FOM=	0.45	TEST=	0
INDE	7	62	9	FOBS=	42.3	SIGMA=	6.0	PHAS=	161.3	FOM=	0.45	TEST=	0
INDE	7	62	11	FOBS=	178.6	SIGMA=	2.2	PHAS=	-153.9	FOM=	0.97	TEST=	0
INDE	7	62	13	FOBS=	73.7	SIGMA=	3.4	PHAS=	-128.9	FOM=	0.93	TEST=	0
INDE	7	62	15	FOBS=	127.6	SIGMA=	2.9	PHAS=	99.5	FOM=	0.94	TEST=	0
INDE	7	62	17	FOBS=	31.2	SIGMA=	6.4	PHAS=	53.8	FOM=	0.62	TEST=	1
INDE	7	62	19	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	62	21	FOBS=	60.7	SIGMA=	3.5	PHAS=	139.2	FOM=	0.61	TEST=	0
INDE	7	62	23	FOBS=	24.0	SIGMA=	14.1	PHAS=	5.5	FOM=	0.06	TEST=	1
INDE	7	62	25	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	62	27	FOBS=	45.4	SIGMA=	6.1	PHAS=	-158.6	FOM=	0.11	TEST=	1
INDE	7	62	29	FOBS=	86.0	SIGMA=	3.2	PHAS=	-75.8	FOM=	0.89	TEST=	0
INDE	7	62	31	FOBS=	52.2	SIGMA=	5.3	PHAS=	0.8	FOM=	0.80	TEST=	0
INDE	7	62	33	FOBS=	22.9	SIGMA=	12.3	PHAS=	-16.5	FOM=	0.49	TEST=	0
INDE	7	62	35	FOBS=	29.6	SIGMA=	11.1	PHAS=	88.4	FOM=	0.22	TEST=	0
INDE	7	62	37	FOBS=	55.5	SIGMA=	5.1	PHAS=	101.4	FOM=	0.81	TEST=	0
INDE	7	62	39	FOBS=	46.2	SIGMA=	6.1	PHAS=	33.3	FOM=	0.67	TEST=	0
INDE	7	62	41	FOBS=	51.8	SIGMA=	5.5	PHAS=	-29.8	FOM=	0.77	TEST=	0
INDE	7	62	43	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	7	62	45	FOBS=	0.0	SIGMA=	27.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	63	8	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	63	10	FOBS=	27.5	SIGMA=	8.8	PHAS=	-179.4	FOM=	0.45	TEST=	0
INDE	7	63	12	FOBS=	47.3	SIGMA=	6.0	PHAS=	97.0	FOM=	0.42	TEST=	0
INDE	7	63	14	FOBS=	59.5	SIGMA=	6.0	PHAS=	-2.4	FOM=	0.59	TEST=	0
INDE	7	63	16	FOBS=	66.7	SIGMA=	5.2	PHAS=	31.2	FOM=	0.69	TEST=	0
INDE	7	63	18	FOBS=	77.3	SIGMA=	3.0	PHAS=	-50.5	FOM=	0.81	TEST=	0
INDE	7	63	20	FOBS=	103.8	SIGMA=	2.3	PHAS=	-17.4	FOM=	0.92	TEST=	0
INDE	7	63	22	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	63	24	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	63	26	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	63	28	FOBS=	96.8	SIGMA=	2.9	PHAS=	-83.4	FOM=	0.88	TEST=	0
INDE	7	63	30	FOBS=	59.1	SIGMA=	4.6	PHAS=	-101.1	FOM=	0.64	TEST=	0
INDE	7	63	32	FOBS=	54.6	SIGMA=	5.1	PHAS=	-18.5	FOM=	0.12	TEST=	0
INDE	7	63	34	FOBS=	43.8	SIGMA=	6.4	PHAS=	158.7	FOM=	0.73	TEST=	0
INDE	7	63	36	FOBS=	53.6	SIGMA=	5.2	PHAS=	101.2	FOM=	0.67	TEST=	0
INDE	7	63	38	FOBS=	29.6	SIGMA=	9.5	PHAS=	26.8	FOM=	0.55	TEST=	0
INDE	7	63	40	FOBS=	82.4	SIGMA=	3.5	PHAS=	-133.3	FOM=	0.92	TEST=	0
INDE	7	63	42	FOBS=	0.0	SIGMA=	26.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	63	44	FOBS=	84.1	SIGMA=	4.5	PHAS=	-41.2	FOM=	0.08	TEST=	1
INDE	7	64	7	FOBS=	103.9	SIGMA=	3.5	PHAS=	-93.2	FOM=	0.94	TEST=	0
INDE	7	64	9	FOBS=	101.1	SIGMA=	3.6	PHAS=	97.8	FOM=	0.90	TEST=	0
INDE	7	64	11	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	64	13	FOBS=	69.9	SIGMA=	5.1	PHAS=	-82.3	FOM=	0.83	TEST=	0
INDE	7	64	15	FOBS=	110.8	SIGMA=	3.3	PHAS=	71.7	FOM=	0.89	TEST=	0
INDE	7	64	17	FOBS=	32.6	SIGMA=	6.4	PHAS=	175.8	FOM=	0.21	TEST=	0
INDE	7	64	19	FOBS=	18.7	SIGMA=	12.3	PHAS=	-23.7	FOM=	0.40	TEST=	0
INDE	7	64	21	FOBS=	10.5	SIGMA=	23.4	PHAS=	-38.9	FOM=	0.01	TEST=	1
INDE	7	64	23	FOBS=	69.1	SIGMA=	3.1	PHAS=	-68.0	FOM=	0.89	TEST=	0
INDE	7	64	25	FOBS=	77.8	SIGMA=	2.9	PHAS=	-14.4	FOM=	0.12	TEST=	1
INDE	7	64	27	FOBS=	20.6	SIGMA=	13.4	PHAS=	152.9	FOM=	0.42	TEST=	0
INDE	7	64	29	FOBS=	45.1	SIGMA=	6.1	PHAS=	-147.0	FOM=	0.81	TEST=	0
INDE	7	64	31	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	64	33	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	64	35	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	7	64	37	FOBS=	41.0	SIGMA=	8.5	PHAS=	-141.8	FOM=	0.59	TEST=	0
INDE	7	64	39	FOBS=	35.4	SIGMA=	8.1	PHAS=	-71.3	FOM=	0.58	TEST=	0
INDE	7	64	41	FOBS=	43.7	SIGMA=	6.6	PHAS=	-159.4	FOM=	0.49	TEST=	0
INDE	7	64	43	FOBS=	39.3	SIGMA=	7.6	PHAS=	-172.9	FOM=	0.57	TEST=	0
INDE	7	65	8	FOBS=	79.2	SIGMA=	4.5	PHAS=	49.6	FOM=	0.91	TEST=	0
INDE	7	65	10	FOBS=	90.1	SIGMA=	4.1	PHAS=	-88.6	FOM=	0.83	TEST=	0
INDE	7	65	12	FOBS=	125.6	SIGMA=	3.0	PHAS=	-88.1	FOM=	0.96	TEST=	0
INDE	7	65	14	FOBS=	83.6	SIGMA=	4.3	PHAS=	-48.3	FOM=	0.88	TEST=	0
INDE	7	65	16	FOBS=	81.3	SIGMA=	4.4	PHAS=	29.8	FOM=	0.84	TEST=	0
INDE	7	65	18	FOBS=	63.8	SIGMA=	3.3	PHAS=	20.7	FOM=	0.72	TEST=	0
INDE	7	65	20	FOBS=	87.2	SIGMA=	2.7	PHAS=	-20.6	FOM=	0.82	TEST=	0
INDE	7	65	22	FOBS=	39.5	SIGMA=	5.1	PHAS=	-130.4	FOM=	0.75	TEST=	0
INDE	7	65	24	FOBS=	71.1	SIGMA=	3.0	PHAS=	112.5	FOM=	0.89	TEST=	0

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INDE	7	65	26	FOBS=	27.6	SIGMA=	8.2	PHAS=	135.2	FOM=	0.33	TEST=	0
INDE	7	65	28	FOBS=	29.1	SIGMA=	11.8	PHAS=	-118.7	FOM=	0.44	TEST=	0
INDE	7	65	30	FOBS=	97.3	SIGMA=	3.0	PHAS=	52.3	FOM=	0.91	TEST=	0
INDE	7	65	32	FOBS=	58.4	SIGMA=	4.9	PHAS=	-136.8	FOM=	0.68	TEST=	0
INDE	7	65	34	FOBS=	44.9	SIGMA=	6.3	PHAS=	-96.1	FOM=	0.41	TEST=	0
INDE	7	65	36	FOBS=	29.1	SIGMA=	9.9	PHAS=	66.1	FOM=	0.53	TEST=	0
INDE	7	65	38	FOBS=	71.8	SIGMA=	4.1	PHAS=	123.4	FOM=	0.87	TEST=	0
INDE	7	65	40	FOBS=	0.0	SIGMA=	24.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	65	42	FOBS=	0.0	SIGMA=	31.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	66	7	FOBS=	75.8	SIGMA=	4.6	PHAS=	-171.9	FOM=	0.48	TEST=	1
INDE	7	66	9	FOBS=	96.8	SIGMA=	3.7	PHAS=	-158.7	FOM=	0.88	TEST=	0
INDE	7	66	11	FOBS=	118.2	SIGMA=	3.1	PHAS=	-146.7	FOM=	0.95	TEST=	0
INDE	7	66	13	FOBS=	96.7	SIGMA=	3.8	PHAS=	174.4	FOM=	0.95	TEST=	0
INDE	7	66	15	FOBS=	106.0	SIGMA=	3.4	PHAS=	-91.8	FOM=	0.72	TEST=	0
INDE	7	66	17	FOBS=	84.4	SIGMA=	4.2	PHAS=	-47.1	FOM=	0.91	TEST=	0
INDE	7	66	19	FOBS=	41.9	SIGMA=	5.3	PHAS=	14.7	FOM=	0.75	TEST=	0
INDE	7	66	21	FOBS=	15.0	SIGMA=	15.7	PHAS=	-67.2	FOM=	0.35	TEST=	0
INDE	7	66	23	FOBS=	25.5	SIGMA=	10.1	PHAS=	52.0	FOM=	0.47	TEST=	0
INDE	7	66	25	FOBS=	20.8	SIGMA=	12.7	PHAS=	113.2	FOM=	0.17	TEST=	0
INDE	7	66	27	FOBS=	97.2	SIGMA=	2.5	PHAS=	125.2	FOM=	0.14	TEST=	1
INDE	7	66	29	FOBS=	123.7	SIGMA=	2.4	PHAS=	174.1	FOM=	0.40	TEST=	1
INDE	7	66	31	FOBS=	138.3	SIGMA=	2.2	PHAS=	-43.1	FOM=	0.05	TEST=	1
INDE	7	66	33	FOBS=	34.5	SIGMA=	8.3	PHAS=	147.1	FOM=	0.63	TEST=	0
INDE	7	66	35	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	66	37	FOBS=	41.3	SIGMA=	7.1	PHAS=	-60.0	FOM=	0.11	TEST=	0
INDE	7	66	39	FOBS=	31.6	SIGMA=	10.9	PHAS=	49.3	FOM=	0.65	TEST=	0
INDE	7	67	8	FOBS=	124.5	SIGMA=	4.2	PHAS=	82.2	FOM=	0.94	TEST=	0
INDE	7	67	10	FOBS=	45.3	SIGMA=	10.9	PHAS=	154.8	FOM=	0.83	TEST=	0
INDE	7	67	12	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	67	14	FOBS=	54.8	SIGMA=	6.4	PHAS=	124.2	FOM=	0.72	TEST=	0
INDE	7	67	16	FOBS=	53.5	SIGMA=	6.5	PHAS=	-47.2	FOM=	0.11	TEST=	1
INDE	7	67	18	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	67	20	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	67	22	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	67	24	FOBS=	82.9	SIGMA=	2.6	PHAS=	23.9	FOM=	0.50	TEST=	1
INDE	7	67	26	FOBS=	31.5	SIGMA=	8.7	PHAS=	98.7	FOM=	0.61	TEST=	0
INDE	7	67	28	FOBS=	166.7	SIGMA=	1.5	PHAS=	-136.2	FOM=	0.96	TEST=	0
INDE	7	67	30	FOBS=	90.9	SIGMA=	3.2	PHAS=	-13.0	FOM=	0.06	TEST=	1
INDE	7	67	32	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	67	34	FOBS=	0.0	SIGMA=	26.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	7	67	36	FOBS=	34.4	SIGMA=	8.4	PHAS=	168.6	FOM=	0.28	TEST=	0
INDE	7	67	38	FOBS=	47.3	SIGMA=	8.2	PHAS=	-64.0	FOM=	0.57	TEST=	0
INDE	7	68	13	FOBS=	67.8	SIGMA=	7.3	PHAS=	48.6	FOM=	0.78	TEST=	0
INDE	7	68	15	FOBS=	41.8	SIGMA=	11.6	PHAS=	128.8	FOM=	0.22	TEST=	0
INDE	7	68	17	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	68	19	FOBS=	51.9	SIGMA=	6.8	PHAS=	-5.8	FOM=	0.57	TEST=	0
INDE	7	68	21	FOBS=	59.3	SIGMA=	4.0	PHAS=	36.5	FOM=	0.43	TEST=	0
INDE	7	68	23	FOBS=	26.7	SIGMA=	9.3	PHAS=	-107.9	FOM=	0.24	TEST=	0
INDE	7	68	25	FOBS=	20.3	SIGMA=	11.9	PHAS=	-122.9	FOM=	0.55	TEST=	0
INDE	7	68	27	FOBS=	27.5	SIGMA=	12.0	PHAS=	102.1	FOM=	0.37	TEST=	0
INDE	7	68	29	FOBS=	13.8	SIGMA=	17.3	PHAS=	-57.6	FOM=	0.27	TEST=	0
INDE	7	68	31	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	68	33	FOBS=	60.0	SIGMA=	4.9	PHAS=	10.3	FOM=	0.05	TEST=	1
INDE	7	68	35	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	7	68	37	FOBS=	0.0	SIGMA=	31.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	69	16	FOBS=	69.2	SIGMA=	7.1	PHAS=	8.4	FOM=	0.69	TEST=	0
INDE	7	69	18	FOBS=	0.0	SIGMA=	31.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	69	20	FOBS=	65.8	SIGMA=	3.8	PHAS=	-163.1	FOM=	0.59	TEST=	0
INDE	7	69	22	FOBS=	13.8	SIGMA=	17.7	PHAS=	161.3	FOM=	0.25	TEST=	0
INDE	7	69	24	FOBS=	21.4	SIGMA=	10.9	PHAS=	57.3	FOM=	0.52	TEST=	0
INDE	7	69	26	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	69	28	FOBS=	103.5	SIGMA=	2.8	PHAS=	-143.6	FOM=	0.89	TEST=	0
INDE	7	69	30	FOBS=	45.7	SIGMA=	5.4	PHAS=	-70.8	FOM=	0.28	TEST=	1
INDE	7	69	32	FOBS=	34.1	SIGMA=	8.7	PHAS=	-6.0	FOM=	0.46	TEST=	0
INDE	7	69	34	FOBS=	60.0	SIGMA=	5.0	PHAS=	158.3	FOM=	0.54	TEST=	0
INDE	7	70	7	FOBS=	39.8	SIGMA=	9.3	PHAS=	100.3	FOM=	0.47	TEST=	0
INDE	7	70	21	FOBS=	28.3	SIGMA=	8.9	PHAS=	103.5	FOM=	0.44	TEST=	0
INDE	7	70	23	FOBS=	57.4	SIGMA=	5.1	PHAS=	69.6	FOM=	0.70	TEST=	0
INDE	7	70	25	FOBS=	80.5	SIGMA=	3.0	PHAS=	-126.1	FOM=	0.91	TEST=	0
INDE	7	70	27	FOBS=	93.1	SIGMA=	2.5	PHAS=	147.0	FOM=	0.87	TEST=	0

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INDE	7	70	29	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	70	31	FOBS=	39.0	SIGMA=	7.4	PHAS=	-89.3	FOM=	0.55	TEST=	0
INDE	7	70	33	FOBS=	47.4	SIGMA=	11.1	PHAS=	-6.3	FOM=	0.18	TEST=	1
INDE	7	71	22	FOBS=	0.0	SIGMA=	24.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	71	24	FOBS=	25.0	SIGMA=	14.7	PHAS=	98.9	FOM=	0.37	TEST=	0
INDE	7	71	26	FOBS=	61.3	SIGMA=	4.1	PHAS=	138.1	FOM=	0.83	TEST=	0
INDE	7	71	28	FOBS=	53.7	SIGMA=	5.0	PHAS=	119.4	FOM=	0.65	TEST=	0
INDE	7	71	30	FOBS=	46.1	SIGMA=	6.5	PHAS=	-155.3	FOM=	0.41	TEST=	0
INDE	7	72	7	FOBS=	34.5	SIGMA=	11.0	PHAS=	-168.3	FOM=	0.57	TEST=	0
INDE	7	72	23	FOBS=	13.5	SIGMA=	24.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	7	72	25	FOBS=	0.0	SIGMA=	27.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	72	27	FOBS=	17.6	SIGMA=	16.7	PHAS=	61.1	FOM=	0.30	TEST=	0
INDE	7	73	8	FOBS=	43.2	SIGMA=	8.8	PHAS=	139.9	FOM=	0.68	TEST=	0
INDE	7	73	22	FOBS=	4.5	SIGMA=	66.1	PHAS=	29.8	FOM=	0.06	TEST=	0
INDE	7	73	24	FOBS=	86.7	SIGMA=	4.1	PHAS=	166.0	FOM=	0.80	TEST=	0
INDE	7	74	7	FOBS=	27.9	SIGMA=	13.3	PHAS=	-14.5	FOM=	0.44	TEST=	0
INDE	7	75	8	FOBS=	0.0	SIGMA=	27.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	76	7	FOBS=	0.0	SIGMA=	28.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	7	76	9	FOBS=	76.7	SIGMA=	5.3	PHAS=	31.6	FOM=	0.68	TEST=	0
INDE	7	77	8	FOBS=	0.0	SIGMA=	28.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	9	15	FOBS=	224.9	SIGMA=	0.5	PHAS=	-82.3	FOM=	0.98	TEST=	1
INDE	8	9	17	FOBS=	313.2	SIGMA=	0.5	PHAS=	-164.8	FOM=	0.93	TEST=	0
INDE	8	9	19	FOBS=	39.8	SIGMA=	1.4	PHAS=	55.7	FOM=	0.86	TEST=	0
INDE	8	9	21	FOBS=	166.6	SIGMA=	0.5	PHAS=	90.4	FOM=	0.91	TEST=	0
INDE	8	9	23	FOBS=	169.1	SIGMA=	0.4	PHAS=	26.3	FOM=	0.86	TEST=	0
INDE	8	9	25	FOBS=	168.9	SIGMA=	0.5	PHAS=	-152.1	FOM=	0.98	TEST=	1
INDE	8	9	27	FOBS=	44.7	SIGMA=	1.6	PHAS=	104.9	FOM=	0.94	TEST=	0
INDE	8	9	29	FOBS=	87.8	SIGMA=	1.0	PHAS=	81.8	FOM=	0.99	TEST=	0
INDE	8	9	31	FOBS=	71.4	SIGMA=	1.5	PHAS=	-6.3	FOM=	0.73	TEST=	0
INDE	8	9	33	FOBS=	66.4	SIGMA=	1.7	PHAS=	145.6	FOM=	0.87	TEST=	0
INDE	8	9	35	FOBS=	516.1	SIGMA=	0.8	PHAS=	80.3	FOM=	0.98	TEST=	0
INDE	8	9	37	FOBS=	198.0	SIGMA=	0.9	PHAS=	85.1	FOM=	0.98	TEST=	0
INDE	8	9	39	FOBS=	252.9	SIGMA=	0.7	PHAS=	34.9	FOM=	0.93	TEST=	0
INDE	8	9	41	FOBS=	149.4	SIGMA=	1.2	PHAS=	118.5	FOM=	0.96	TEST=	0
INDE	8	9	43	FOBS=	231.4	SIGMA=	0.9	PHAS=	171.8	FOM=	0.90	TEST=	0
INDE	8	9	45	FOBS=	51.8	SIGMA=	3.7	PHAS=	-125.1	FOM=	0.94	TEST=	0
INDE	8	9	47	FOBS=	239.7	SIGMA=	1.0	PHAS=	-53.2	FOM=	0.96	TEST=	0
INDE	8	9	49	FOBS=	169.8	SIGMA=	1.3	PHAS=	20.0	FOM=	0.95	TEST=	0
INDE	8	9	51	FOBS=	110.6	SIGMA=	1.9	PHAS=	-121.4	FOM=	0.87	TEST=	0
INDE	8	9	53	FOBS=	53.0	SIGMA=	3.7	PHAS=	154.1	FOM=	0.44	TEST=	0
INDE	8	9	55	FOBS=	54.8	SIGMA=	4.8	PHAS=	-41.4	FOM=	0.74	TEST=	0
INDE	8	9	57	FOBS=	117.9	SIGMA=	2.3	PHAS=	102.3	FOM=	0.88	TEST=	0
INDE	8	9	59	FOBS=	126.5	SIGMA=	2.1	PHAS=	-86.6	FOM=	0.94	TEST=	0
INDE	8	9	61	FOBS=	0.0	SIGMA=	24.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	9	63	FOBS=	81.9	SIGMA=	4.4	PHAS=	107.7	FOM=	0.81	TEST=	0
INDE	8	9	65	FOBS=	107.4	SIGMA=	3.4	PHAS=	98.1	FOM=	0.88	TEST=	0
INDE	8	9	75	FOBS=	20.1	SIGMA=	20.2	PHAS=	144.6	FOM=	0.44	TEST=	0
INDE	8	10	14	FOBS=	186.6	SIGMA=	0.5	PHAS=	166.2	FOM=	0.98	TEST=	0
INDE	8	10	16	FOBS=	351.4	SIGMA=	0.5	PHAS=	122.9	FOM=	0.79	TEST=	0
INDE	8	10	18	FOBS=	165.6	SIGMA=	0.5	PHAS=	55.4	FOM=	0.82	TEST=	0
INDE	8	10	20	FOBS=	68.4	SIGMA=	0.9	PHAS=	145.7	FOM=	0.98	TEST=	0
INDE	8	10	22	FOBS=	178.0	SIGMA=	0.5	PHAS=	-3.9	FOM=	0.95	TEST=	1
INDE	8	10	24	FOBS=	65.5	SIGMA=	1.0	PHAS=	165.7	FOM=	0.75	TEST=	0
INDE	8	10	26	FOBS=	172.4	SIGMA=	0.5	PHAS=	34.8	FOM=	0.87	TEST=	0
INDE	8	10	28	FOBS=	109.5	SIGMA=	0.7	PHAS=	-47.6	FOM=	0.92	TEST=	0
INDE	8	10	30	FOBS=	156.1	SIGMA=	0.8	PHAS=	-32.3	FOM=	0.97	TEST=	0
INDE	8	10	32	FOBS=	107.4	SIGMA=	1.1	PHAS=	-142.0	FOM=	0.98	TEST=	1
INDE	8	10	34	FOBS=	181.1	SIGMA=	0.8	PHAS=	97.7	FOM=	0.79	TEST=	0
INDE	8	10	36	FOBS=	88.6	SIGMA=	1.5	PHAS=	-145.9	FOM=	0.99	TEST=	0
INDE	8	10	38	FOBS=	218.7	SIGMA=	0.8	PHAS=	-50.6	FOM=	0.96	TEST=	0
INDE	8	10	40	FOBS=	155.0	SIGMA=	1.1	PHAS=	-20.2	FOM=	0.91	TEST=	0
INDE	8	10	42	FOBS=	207.8	SIGMA=	0.9	PHAS=	69.0	FOM=	0.91	TEST=	0
INDE	8	10	44	FOBS=	335.4	SIGMA=	0.7	PHAS=	-111.4	FOM=	0.94	TEST=	0
INDE	8	10	46	FOBS=	246.8	SIGMA=	1.0	PHAS=	-168.7	FOM=	0.94	TEST=	0
INDE	8	10	48	FOBS=	125.0	SIGMA=	1.7	PHAS=	-68.9	FOM=	0.77	TEST=	0
INDE	8	10	50	FOBS=	108.8	SIGMA=	1.5	PHAS=	34.2	FOM=	0.96	TEST=	0
INDE	8	10	52	FOBS=	173.7	SIGMA=	1.3	PHAS=	43.7	FOM=	0.94	TEST=	0
INDE	8	10	54	FOBS=	29.1	SIGMA=	7.2	PHAS=	176.0	FOM=	0.47	TEST=	0
INDE	8	10	56	FOBS=	145.5	SIGMA=	1.4	PHAS=	-97.5	FOM=	0.97	TEST=	0
INDE	8	10	58	FOBS=	53.9	SIGMA=	4.7	PHAS=	37.7	FOM=	0.09	TEST=	0

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INDE 8 10 60 FOBS= 65.8 SIGMA= 3.9 PHAS= 80.5 FOM= 0.16 TEST= 1
INDE 8 10 62 FOBS= 0.0 SIGMA= 26.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 8 10 64 FOBS= 0.0 SIGMA= 26.6 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 8 10 66 FOBS= 0.0 SIGMA= 26.4 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 8 10 76 FOBS= 31.6 SIGMA= 13.6 PHAS= 51.3 FOM= 0.60 TEST= 0
INDE 8 11 13 FOBS= 303.8 SIGMA= 0.5 PHAS= 48.3 FOM= 0.92 TEST= 0
INDE 8 11 15 FOBS= 16.6 SIGMA= 2.9 PHAS= 159.1 FOM= 0.28 TEST= 1
INDE 8 11 17 FOBS= 36.0 SIGMA= 1.4 PHAS= -95.1 FOM= 0.53 TEST= 0
INDE 8 11 19 FOBS= 88.6 SIGMA= 0.7 PHAS= 5.6 FOM= 0.46 TEST= 0
INDE 8 11 21 FOBS= 193.1 SIGMA= 0.4 PHAS= 110.1 FOM= 0.59 TEST= 1
INDE 8 11 23 FOBS= 198.1 SIGMA= 0.4 PHAS= 37.6 FOM= 0.94 TEST= 0
INDE 8 11 25 FOBS= 170.1 SIGMA= 0.5 PHAS= -111.8 FOM= 0.99 TEST= 0
INDE 8 11 27 FOBS= 29.8 SIGMA= 2.2 PHAS= -77.5 FOM= 0.94 TEST= 0
INDE 8 11 29 FOBS= 96.2 SIGMA= 0.9 PHAS= -128.1 FOM= 0.93 TEST= 0
INDE 8 11 31 FOBS= 120.4 SIGMA= 0.9 PHAS= -151.0 FOM= 0.95 TEST= 0
INDE 8 11 33 FOBS= 133.2 SIGMA= 1.0 PHAS= 82.3 FOM= 0.93 TEST= 0
INDE 8 11 35 FOBS= 143.0 SIGMA= 1.3 PHAS= -144.1 FOM= 0.96 TEST= 1
INDE 8 11 37 FOBS= 111.8 SIGMA= 1.3 PHAS= -155.5 FOM= 0.86 TEST= 0
INDE 8 11 39 FOBS= 86.3 SIGMA= 1.8 PHAS= 157.4 FOM= 0.94 TEST= 0
INDE 8 11 41 FOBS= 226.4 SIGMA= 0.8 PHAS= -31.4 FOM= 0.96 TEST= 0
INDE 8 11 43 FOBS= 267.0 SIGMA= 0.6 PHAS= -133.5 FOM= 0.92 TEST= 0
INDE 8 11 45 FOBS= 35.3 SIGMA= 3.9 PHAS= 123.6 FOM= 0.86 TEST= 0
INDE 8 11 47 FOBS= 21.8 SIGMA= 7.9 PHAS= 32.2 FOM= 0.83 TEST= 0
INDE 8 11 49 FOBS= 101.2 SIGMA= 1.6 PHAS= -34.5 FOM= 0.90 TEST= 0
INDE 8 11 51 FOBS= 197.3 SIGMA= 1.1 PHAS= -52.8 FOM= 0.94 TEST= 0
INDE 8 11 53 FOBS= 153.0 SIGMA= 1.4 PHAS= -64.3 FOM= 0.93 TEST= 0
INDE 8 11 55 FOBS= 63.3 SIGMA= 3.1 PHAS= -134.8 FOM= 0.26 TEST= 0
INDE 8 11 57 FOBS= 102.8 SIGMA= 2.0 PHAS= -170.6 FOM= 0.86 TEST= 0
INDE 8 11 59 FOBS= 125.3 SIGMA= 1.6 PHAS= -41.3 FOM= 0.93 TEST= 0
INDE 8 11 61 FOBS= 0.0 SIGMA= 21.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 8 11 63 FOBS= 57.0 SIGMA= 4.9 PHAS= -78.2 FOM= 0.77 TEST= 1
INDE 8 11 65 FOBS= 74.7 SIGMA= 4.8 PHAS= 139.6 FOM= 0.84 TEST= 0
INDE 8 11 75 FOBS= 0.0 SIGMA= 29.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 8 12 12 FOBS= 359.5 SIGMA= 0.5 PHAS= 80.9 FOM= 0.98 TEST= 0
INDE 8 12 14 FOBS= 88.2 SIGMA= 0.6 PHAS= -132.2 FOM= 0.70 TEST= 0
INDE 8 12 16 FOBS= 155.4 SIGMA= 0.5 PHAS= -166.9 FOM= 0.80 TEST= 0
INDE 8 12 18 FOBS= 108.3 SIGMA= 0.5 PHAS= -1.3 FOM= 0.86 TEST= 0
INDE 8 12 20 FOBS= 164.8 SIGMA= 0.4 PHAS= -45.2 FOM= 0.79 TEST= 1
INDE 8 12 22 FOBS= 206.0 SIGMA= 0.4 PHAS= -18.1 FOM= 0.93 TEST= 0
INDE 8 12 24 FOBS= 87.5 SIGMA= 0.7 PHAS= -136.9 FOM= 0.99 TEST= 1
INDE 8 12 26 FOBS= 35.5 SIGMA= 1.6 PHAS= 101.5 FOM= 0.96 TEST= 0
INDE 8 12 28 FOBS= 87.4 SIGMA= 0.8 PHAS= 66.1 FOM= 0.04 TEST= 0
INDE 8 12 30 FOBS= 179.0 SIGMA= 0.5 PHAS= 26.4 FOM= 0.95 TEST= 0
INDE 8 12 32 FOBS= 95.8 SIGMA= 0.9 PHAS= -23.7 FOM= 0.92 TEST= 1
INDE 8 12 34 FOBS= 174.5 SIGMA= 0.6 PHAS= 115.8 FOM= 0.89 TEST= 0
INDE 8 12 36 FOBS= 400.7 SIGMA= 0.7 PHAS= 162.4 FOM= 0.96 TEST= 0
INDE 8 12 38 FOBS= 216.1 SIGMA= 0.7 PHAS= 146.9 FOM= 0.92 TEST= 0
INDE 8 12 40 FOBS= 51.4 SIGMA= 2.2 PHAS= -38.9 FOM= 0.70 TEST= 0
INDE 8 12 42 FOBS= 132.7 SIGMA= 1.0 PHAS= -157.5 FOM= 0.94 TEST= 0
INDE 8 12 44 FOBS= 311.5 SIGMA= 1.0 PHAS= -149.2 FOM= 0.98 TEST= 0
INDE 8 12 46 FOBS= 129.7 SIGMA= 1.1 PHAS= -164.0 FOM= 0.92 TEST= 0
INDE 8 12 48 FOBS= 125.8 SIGMA= 1.4 PHAS= -101.6 FOM= 0.88 TEST= 0
INDE 8 12 50 FOBS= 14.2 SIGMA= 14.7 PHAS= -136.1 FOM= 0.75 TEST= 0
INDE 8 12 52 FOBS= 183.9 SIGMA= 1.2 PHAS= -111.2 FOM= 0.95 TEST= 0
INDE 8 12 54 FOBS= 102.9 SIGMA= 2.0 PHAS= -178.2 FOM= 0.93 TEST= 0
INDE 8 12 56 FOBS= 189.6 SIGMA= 1.1 PHAS= -170.0 FOM= 0.95 TEST= 0
INDE 8 12 58 FOBS= 0.0 SIGMA= 19.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 8 12 60 FOBS= 67.2 SIGMA= 2.9 PHAS= -157.5 FOM= 0.88 TEST= 1
INDE 8 12 62 FOBS= 0.0 SIGMA= 20.1 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 8 12 64 FOBS= 62.2 SIGMA= 4.4 PHAS= 138.5 FOM= 0.69 TEST= 0
INDE 8 12 66 FOBS= 0.0 SIGMA= 31.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 8 12 76 FOBS= 49.2 SIGMA= 9.2 PHAS= 151.2 FOM= 0.59 TEST= 0
INDE 8 13 11 FOBS= 231.9 SIGMA= 0.4 PHAS= -57.0 FOM= 0.58 TEST= 0
INDE 8 13 13 FOBS= 219.6 SIGMA= 0.5 PHAS= -17.0 FOM= 0.99 TEST= 0
INDE 8 13 15 FOBS= 75.8 SIGMA= 0.7 PHAS= -160.7 FOM= 0.95 TEST= 1
INDE 8 13 17 FOBS= 26.4 SIGMA= 1.8 PHAS= 84.1 FOM= 0.93 TEST= 0
INDE 8 13 19 FOBS= 25.8 SIGMA= 2.2 PHAS= -74.3 FOM= 0.32 TEST= 0
INDE 8 13 21 FOBS= 225.9 SIGMA= 0.5 PHAS= -126.6 FOM= 0.98 TEST= 0
INDE 8 13 23 FOBS= 165.4 SIGMA= 0.4 PHAS= 21.6 FOM= 0.96 TEST= 0
INDE 8 13 25 FOBS= 29.3 SIGMA= 1.9 PHAS= 90.2 FOM= 0.92 TEST= 0

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INDE	8	13	27	FOBS=	44.9	SIGMA=	1.5	PHAS=	-142.0	FOM=	0.98	TEST=	0
INDE	8	13	29	FOBS=	136.9	SIGMA=	0.6	PHAS=	-60.2	FOM=	0.75	TEST=	0
INDE	8	13	31	FOBS=	243.9	SIGMA=	0.5	PHAS=	-67.2	FOM=	0.97	TEST=	0
INDE	8	13	33	FOBS=	218.5	SIGMA=	0.5	PHAS=	58.9	FOM=	0.96	TEST=	0
INDE	8	13	35	FOBS=	336.6	SIGMA=	0.7	PHAS=	82.0	FOM=	0.99	TEST=	1
INDE	8	13	37	FOBS=	390.1	SIGMA=	0.6	PHAS=	-28.9	FOM=	0.94	TEST=	0
INDE	8	13	39	FOBS=	41.8	SIGMA=	2.7	PHAS=	118.0	FOM=	0.45	TEST=	0
INDE	8	13	41	FOBS=	169.0	SIGMA=	0.9	PHAS=	-68.8	FOM=	0.90	TEST=	0
INDE	8	13	43	FOBS=	38.0	SIGMA=	3.5	PHAS=	167.4	FOM=	0.18	TEST=	0
INDE	8	13	45	FOBS=	129.7	SIGMA=	1.2	PHAS=	105.0	FOM=	0.93	TEST=	0
INDE	8	13	47	FOBS=	182.3	SIGMA=	0.9	PHAS=	114.0	FOM=	0.96	TEST=	0
INDE	8	13	49	FOBS=	131.6	SIGMA=	1.2	PHAS=	148.0	FOM=	0.79	TEST=	0
INDE	8	13	51	FOBS=	117.5	SIGMA=	1.8	PHAS=	-172.9	FOM=	0.91	TEST=	0
INDE	8	13	53	FOBS=	97.2	SIGMA=	2.1	PHAS=	136.2	FOM=	0.81	TEST=	0
INDE	8	13	55	FOBS=	207.8	SIGMA=	1.1	PHAS=	108.2	FOM=	0.96	TEST=	0
INDE	8	13	57	FOBS=	32.4	SIGMA=	6.1	PHAS=	-30.0	FOM=	0.74	TEST=	0
INDE	8	13	59	FOBS=	148.6	SIGMA=	1.4	PHAS=	33.8	FOM=	0.95	TEST=	0
INDE	8	13	61	FOBS=	19.6	SIGMA=	10.8	PHAS=	-176.5	FOM=	0.18	TEST=	0
INDE	8	13	63	FOBS=	52.4	SIGMA=	4.6	PHAS=	112.6	FOM=	0.80	TEST=	0
INDE	8	13	65	FOBS=	95.2	SIGMA=	3.0	PHAS=	129.0	FOM=	0.89	TEST=	0
INDE	8	14	8	FOBS=	315.5	SIGMA=	0.4	PHAS=	-29.6	FOM=	0.50	TEST=	0
INDE	8	14	10	FOBS=	243.1	SIGMA=	0.5	PHAS=	-100.5	FOM=	0.60	TEST=	0
INDE	8	14	12	FOBS=	40.3	SIGMA=	1.2	PHAS=	74.8	FOM=	0.95	TEST=	0
INDE	8	14	14	FOBS=	91.8	SIGMA=	0.8	PHAS=	-86.1	FOM=	0.92	TEST=	0
INDE	8	14	16	FOBS=	195.5	SIGMA=	0.4	PHAS=	104.7	FOM=	0.93	TEST=	0
INDE	8	14	18	FOBS=	88.9	SIGMA=	0.7	PHAS=	13.9	FOM=	0.78	TEST=	0
INDE	8	14	20	FOBS=	63.8	SIGMA=	1.0	PHAS=	7.9	FOM=	0.99	TEST=	0
INDE	8	14	22	FOBS=	41.9	SIGMA=	1.3	PHAS=	-154.3	FOM=	0.81	TEST=	0
INDE	8	14	24	FOBS=	61.8	SIGMA=	1.0	PHAS=	-82.2	FOM=	0.28	TEST=	0
INDE	8	14	26	FOBS=	119.1	SIGMA=	0.6	PHAS=	-88.1	FOM=	0.97	TEST=	0
INDE	8	14	28	FOBS=	286.5	SIGMA=	0.4	PHAS=	156.8	FOM=	0.97	TEST=	0
INDE	8	14	30	FOBS=	125.2	SIGMA=	0.7	PHAS=	-148.1	FOM=	0.96	TEST=	0
INDE	8	14	32	FOBS=	274.5	SIGMA=	0.4	PHAS=	-142.1	FOM=	0.87	TEST=	0
INDE	8	14	34	FOBS=	342.9	SIGMA=	0.4	PHAS=	1.5	FOM=	0.97	TEST=	0
INDE	8	14	36	FOBS=	343.7	SIGMA=	0.4	PHAS=	-135.5	FOM=	0.95	TEST=	0
INDE	8	14	38	FOBS=	312.4	SIGMA=	0.5	PHAS=	173.9	FOM=	0.79	TEST=	1
INDE	8	14	40	FOBS=	101.1	SIGMA=	1.2	PHAS=	50.2	FOM=	0.72	TEST=	0
INDE	8	14	42	FOBS=	91.8	SIGMA=	1.5	PHAS=	-97.1	FOM=	0.78	TEST=	0
INDE	8	14	44	FOBS=	62.3	SIGMA=	2.3	PHAS=	-143.9	FOM=	0.89	TEST=	0
INDE	8	14	46	FOBS=	300.5	SIGMA=	0.9	PHAS=	35.8	FOM=	0.95	TEST=	0
INDE	8	14	48	FOBS=	158.3	SIGMA=	0.9	PHAS=	120.8	FOM=	0.42	TEST=	0
INDE	8	14	50	FOBS=	75.1	SIGMA=	2.8	PHAS=	55.8	FOM=	0.91	TEST=	0
INDE	8	14	52	FOBS=	161.3	SIGMA=	1.4	PHAS=	-49.0	FOM=	0.94	TEST=	0
INDE	8	14	54	FOBS=	154.6	SIGMA=	1.6	PHAS=	-113.9	FOM=	0.07	TEST=	1
INDE	8	14	56	FOBS=	102.6	SIGMA=	2.0	PHAS=	-149.5	FOM=	0.91	TEST=	0
INDE	8	14	58	FOBS=	102.8	SIGMA=	2.0	PHAS=	-49.9	FOM=	0.79	TEST=	0
INDE	8	14	60	FOBS=	129.7	SIGMA=	1.6	PHAS=	-99.9	FOM=	0.93	TEST=	0
INDE	8	14	62	FOBS=	115.0	SIGMA=	2.1	PHAS=	93.6	FOM=	0.94	TEST=	0
INDE	8	14	64	FOBS=	89.4	SIGMA=	3.1	PHAS=	15.1	FOM=	0.89	TEST=	0
INDE	8	14	66	FOBS=	0.0	SIGMA=	29.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	14	68	FOBS=	42.6	SIGMA=	10.3	PHAS=	45.7	FOM=	0.52	TEST=	0
INDE	8	14	76	FOBS=	67.6	SIGMA=	7.0	PHAS=	138.8	FOM=	0.54	TEST=	0
INDE	8	15	9	FOBS=	102.9	SIGMA=	0.5	PHAS=	13.2	FOM=	0.86	TEST=	0
INDE	8	15	11	FOBS=	148.4	SIGMA=	0.4	PHAS=	-124.3	FOM=	0.91	TEST=	0
INDE	8	15	13	FOBS=	265.4	SIGMA=	0.4	PHAS=	-168.6	FOM=	0.86	TEST=	0
INDE	8	15	15	FOBS=	176.4	SIGMA=	0.5	PHAS=	-108.5	FOM=	0.25	TEST=	1
INDE	8	15	17	FOBS=	167.6	SIGMA=	0.5	PHAS=	-15.3	FOM=	0.90	TEST=	0
INDE	8	15	19	FOBS=	38.0	SIGMA=	1.6	PHAS=	-44.9	FOM=	0.92	TEST=	0
INDE	8	15	21	FOBS=	126.3	SIGMA=	0.6	PHAS=	84.0	FOM=	0.97	TEST=	0
INDE	8	15	23	FOBS=	160.0	SIGMA=	0.5	PHAS=	26.6	FOM=	0.99	TEST=	0
INDE	8	15	25	FOBS=	134.0	SIGMA=	0.6	PHAS=	137.8	FOM=	0.99	TEST=	0
INDE	8	15	27	FOBS=	73.8	SIGMA=	1.0	PHAS=	109.9	FOM=	0.95	TEST=	0
INDE	8	15	29	FOBS=	82.9	SIGMA=	0.9	PHAS=	142.5	FOM=	0.91	TEST=	0
INDE	8	15	31	FOBS=	61.5	SIGMA=	1.3	PHAS=	-8.9	FOM=	0.29	TEST=	0
INDE	8	15	33	FOBS=	309.3	SIGMA=	0.4	PHAS=	-137.0	FOM=	0.97	TEST=	0
INDE	8	15	35	FOBS=	175.3	SIGMA=	0.6	PHAS=	-175.1	FOM=	0.96	TEST=	0
INDE	8	15	37	FOBS=	311.7	SIGMA=	0.5	PHAS=	78.2	FOM=	0.95	TEST=	0
INDE	8	15	39	FOBS=	0.0	SIGMA=	15.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	15	41	FOBS=	196.6	SIGMA=	0.8	PHAS=	-117.6	FOM=	0.78	TEST=	1
INDE	8	15	43	FOBS=	102.0	SIGMA=	1.4	PHAS=	173.1	FOM=	0.79	TEST=	0

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INDE	8	15	45	FOBS=	196.6	SIGMA=	0.8	PHAS=	-47.6	FOM=	0.94	TEST=	0
INDE	8	15	47	FOBS=	142.3	SIGMA=	1.1	PHAS=	116.6	FOM=	0.90	TEST=	0
INDE	8	15	49	FOBS=	18.5	SIGMA=	13.8	PHAS=	-109.1	FOM=	0.33	TEST=	0
INDE	8	15	51	FOBS=	190.5	SIGMA=	1.2	PHAS=	-138.9	FOM=	0.95	TEST=	0
INDE	8	15	53	FOBS=	67.6	SIGMA=	3.0	PHAS=	33.7	FOM=	0.90	TEST=	0
INDE	8	15	55	FOBS=	37.7	SIGMA=	5.3	PHAS=	127.0	FOM=	0.36	TEST=	0
INDE	8	15	57	FOBS=	68.5	SIGMA=	2.9	PHAS=	173.5	FOM=	0.57	TEST=	1
INDE	8	15	59	FOBS=	97.0	SIGMA=	2.1	PHAS=	124.4	FOM=	0.89	TEST=	0
INDE	8	15	61	FOBS=	129.3	SIGMA=	1.6	PHAS=	12.4	FOM=	0.96	TEST=	0
INDE	8	15	63	FOBS=	83.6	SIGMA=	3.3	PHAS=	-32.1	FOM=	0.87	TEST=	0
INDE	8	15	65	FOBS=	111.1	SIGMA=	2.6	PHAS=	-120.9	FOM=	0.91	TEST=	0
INDE	8	15	67	FOBS=	24.6	SIGMA=	18.3	PHAS=	-5.4	FOM=	0.44	TEST=	0
INDE	8	15	69	FOBS=	0.0	SIGMA=	29.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	15	71	FOBS=	32.5	SIGMA=	14.1	PHAS=	-177.7	FOM=	0.15	TEST=	0
INDE	8	16	8	FOBS=	92.0	SIGMA=	0.6	PHAS=	45.1	FOM=	0.56	TEST=	0
INDE	8	16	10	FOBS=	228.7	SIGMA=	0.4	PHAS=	10.5	FOM=	0.91	TEST=	0
INDE	8	16	12	FOBS=	134.7	SIGMA=	0.5	PHAS=	56.7	FOM=	0.87	TEST=	0
INDE	8	16	14	FOBS=	99.0	SIGMA=	0.7	PHAS=	130.6	FOM=	0.56	TEST=	0
INDE	8	16	16	FOBS=	156.2	SIGMA=	0.5	PHAS=	-93.5	FOM=	0.82	TEST=	0
INDE	8	16	18	FOBS=	169.9	SIGMA=	0.5	PHAS=	-176.2	FOM=	0.86	TEST=	0
INDE	8	16	20	FOBS=	108.6	SIGMA=	0.6	PHAS=	-60.2	FOM=	0.99	TEST=	0
INDE	8	16	22	FOBS=	214.6	SIGMA=	0.5	PHAS=	-16.8	FOM=	0.93	TEST=	0
INDE	8	16	24	FOBS=	93.8	SIGMA=	0.8	PHAS=	112.4	FOM=	0.99	TEST=	0
INDE	8	16	26	FOBS=	237.9	SIGMA=	0.4	PHAS=	-90.7	FOM=	0.99	TEST=	0
INDE	8	16	28	FOBS=	163.7	SIGMA=	0.5	PHAS=	147.6	FOM=	0.99	TEST=	0
INDE	8	16	30	FOBS=	81.9	SIGMA=	1.0	PHAS=	-176.3	FOM=	0.94	TEST=	0
INDE	8	16	32	FOBS=	243.6	SIGMA=	0.5	PHAS=	-84.8	FOM=	0.96	TEST=	0
INDE	8	16	34	FOBS=	292.9	SIGMA=	0.6	PHAS=	119.8	FOM=	0.93	TEST=	0
INDE	8	16	36	FOBS=	139.6	SIGMA=	0.8	PHAS=	-10.0	FOM=	0.98	TEST=	0
INDE	8	16	38	FOBS=	98.2	SIGMA=	1.1	PHAS=	-95.9	FOM=	0.90	TEST=	0
INDE	8	16	40	FOBS=	108.3	SIGMA=	1.1	PHAS=	64.7	FOM=	0.92	TEST=	0
INDE	8	16	42	FOBS=	204.2	SIGMA=	0.7	PHAS=	69.7	FOM=	0.24	TEST=	1
INDE	8	16	44	FOBS=	171.3	SIGMA=	0.9	PHAS=	46.1	FOM=	0.90	TEST=	0
INDE	8	16	46	FOBS=	241.7	SIGMA=	0.8	PHAS=	50.2	FOM=	0.97	TEST=	0
INDE	8	16	48	FOBS=	191.2	SIGMA=	1.4	PHAS=	150.6	FOM=	0.92	TEST=	0
INDE	8	16	50	FOBS=	68.3	SIGMA=	3.0	PHAS=	4.0	FOM=	0.91	TEST=	0
INDE	8	16	52	FOBS=	66.7	SIGMA=	3.1	PHAS=	8.7	FOM=	0.87	TEST=	0
INDE	8	16	54	FOBS=	117.7	SIGMA=	1.8	PHAS=	-16.0	FOM=	0.81	TEST=	0
INDE	8	16	56	FOBS=	107.7	SIGMA=	1.9	PHAS=	137.0	FOM=	0.92	TEST=	0
INDE	8	16	58	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	16	60	FOBS=	46.6	SIGMA=	4.2	PHAS=	-55.0	FOM=	0.78	TEST=	0
INDE	8	16	62	FOBS=	79.5	SIGMA=	3.0	PHAS=	-143.3	FOM=	0.92	TEST=	0
INDE	8	16	64	FOBS=	87.9	SIGMA=	3.2	PHAS=	178.2	FOM=	0.89	TEST=	0
INDE	8	16	66	FOBS=	91.8	SIGMA=	4.8	PHAS=	110.4	FOM=	0.88	TEST=	0
INDE	8	16	68	FOBS=	0.0	SIGMA=	30.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	16	70	FOBS=	0.0	SIGMA=	29.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	16	72	FOBS=	40.0	SIGMA=	11.6	PHAS=	-85.5	FOM=	0.33	TEST=	0
INDE	8	16	74	FOBS=	31.3	SIGMA=	15.3	PHAS=	67.3	FOM=	0.19	TEST=	0
INDE	8	17	9	FOBS=	227.3	SIGMA=	0.4	PHAS=	101.7	FOM=	0.13	TEST=	1
INDE	8	17	11	FOBS=	256.9	SIGMA=	0.5	PHAS=	-93.8	FOM=	0.90	TEST=	0
INDE	8	17	13	FOBS=	129.7	SIGMA=	0.5	PHAS=	-92.0	FOM=	0.91	TEST=	0
INDE	8	17	15	FOBS=	123.2	SIGMA=	0.6	PHAS=	126.5	FOM=	0.90	TEST=	0
INDE	8	17	17	FOBS=	147.1	SIGMA=	0.5	PHAS=	171.3	FOM=	0.77	TEST=	0
INDE	8	17	19	FOBS=	102.1	SIGMA=	0.7	PHAS=	135.7	FOM=	0.99	TEST=	0
INDE	8	17	21	FOBS=	178.8	SIGMA=	0.5	PHAS=	-156.0	FOM=	0.97	TEST=	0
INDE	8	17	23	FOBS=	114.1	SIGMA=	0.7	PHAS=	28.8	FOM=	0.99	TEST=	1
INDE	8	17	25	FOBS=	140.0	SIGMA=	0.6	PHAS=	136.3	FOM=	0.97	TEST=	0
INDE	8	17	27	FOBS=	88.7	SIGMA=	0.9	PHAS=	-154.8	FOM=	0.95	TEST=	0
INDE	8	17	29	FOBS=	89.0	SIGMA=	0.9	PHAS=	-120.5	FOM=	0.99	TEST=	0
INDE	8	17	31	FOBS=	148.9	SIGMA=	0.6	PHAS=	136.4	FOM=	0.92	TEST=	0
INDE	8	17	33	FOBS=	214.4	SIGMA=	0.5	PHAS=	-168.2	FOM=	0.93	TEST=	1
INDE	8	17	35	FOBS=	346.2	SIGMA=	0.6	PHAS=	-90.7	FOM=	0.99	TEST=	0
INDE	8	17	37	FOBS=	130.3	SIGMA=	0.9	PHAS=	120.3	FOM=	0.96	TEST=	0
INDE	8	17	39	FOBS=	94.2	SIGMA=	1.2	PHAS=	-126.4	FOM=	0.79	TEST=	0
INDE	8	17	41	FOBS=	114.7	SIGMA=	1.1	PHAS=	-12.6	FOM=	0.44	TEST=	0
INDE	8	17	43	FOBS=	146.6	SIGMA=	1.0	PHAS=	-69.6	FOM=	0.91	TEST=	0
INDE	8	17	45	FOBS=	307.4	SIGMA=	0.8	PHAS=	7.1	FOM=	0.97	TEST=	0
INDE	8	17	47	FOBS=	139.6	SIGMA=	1.6	PHAS=	4.9	FOM=	0.95	TEST=	0
INDE	8	17	49	FOBS=	138.6	SIGMA=	1.6	PHAS=	153.6	FOM=	0.93	TEST=	0
INDE	8	17	51	FOBS=	49.2	SIGMA=	4.2	PHAS=	-126.5	FOM=	0.85	TEST=	0

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INDE	8	17	53	FOBS=	207.8	SIGMA=	1.1	PHAS=	6.0	FOM=	0.56	TEST=	1
INDE	8	17	55	FOBS=	104.3	SIGMA=	2.0	PHAS=	-15.8	FOM=	0.89	TEST=	1
INDE	8	17	57	FOBS=	214.2	SIGMA=	1.1	PHAS=	112.7	FOM=	0.98	TEST=	0
INDE	8	17	59	FOBS=	45.2	SIGMA=	4.4	PHAS=	-76.4	FOM=	0.01	TEST=	0
INDE	8	17	61	FOBS=	124.0	SIGMA=	1.7	PHAS=	57.3	FOM=	0.93	TEST=	0
INDE	8	17	63	FOBS=	139.6	SIGMA=	1.8	PHAS=	103.2	FOM=	0.90	TEST=	0
INDE	8	17	65	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	17	67	FOBS=	82.2	SIGMA=	5.4	PHAS=	23.6	FOM=	0.88	TEST=	0
INDE	8	17	69	FOBS=	90.4	SIGMA=	5.2	PHAS=	63.6	FOM=	0.67	TEST=	0
INDE	8	17	71	FOBS=	65.3	SIGMA=	7.2	PHAS=	49.3	FOM=	0.83	TEST=	0
INDE	8	17	73	FOBS=	28.2	SIGMA=	16.9	PHAS=	-74.5	FOM=	0.32	TEST=	0
INDE	8	17	75	FOBS=	33.1	SIGMA=	15.0	PHAS=	-22.4	FOM=	0.14	TEST=	0
INDE	8	18	8	FOBS=	265.7	SIGMA=	0.5	PHAS=	110.9	FOM=	0.87	TEST=	0
INDE	8	18	10	FOBS=	98.1	SIGMA=	0.6	PHAS=	35.6	FOM=	0.95	TEST=	1
INDE	8	18	12	FOBS=	138.8	SIGMA=	0.5	PHAS=	145.7	FOM=	0.87	TEST=	1
INDE	8	18	14	FOBS=	107.2	SIGMA=	0.7	PHAS=	100.9	FOM=	0.99	TEST=	0
INDE	8	18	16	FOBS=	141.6	SIGMA=	0.6	PHAS=	46.1	FOM=	0.97	TEST=	0
INDE	8	18	18	FOBS=	138.4	SIGMA=	0.6	PHAS=	114.4	FOM=	0.99	TEST=	0
INDE	8	18	20	FOBS=	40.3	SIGMA=	1.7	PHAS=	127.8	FOM=	0.97	TEST=	0
INDE	8	18	22	FOBS=	226.7	SIGMA=	0.5	PHAS=	17.5	FOM=	0.97	TEST=	0
INDE	8	18	24	FOBS=	138.3	SIGMA=	0.6	PHAS=	87.4	FOM=	0.92	TEST=	0
INDE	8	18	26	FOBS=	69.9	SIGMA=	1.1	PHAS=	160.8	FOM=	0.98	TEST=	1
INDE	8	18	28	FOBS=	84.0	SIGMA=	1.0	PHAS=	-176.9	FOM=	0.89	TEST=	0
INDE	8	18	30	FOBS=	265.7	SIGMA=	0.5	PHAS=	109.0	FOM=	0.99	TEST=	0
INDE	8	18	32	FOBS=	68.1	SIGMA=	1.3	PHAS=	-23.9	FOM=	0.52	TEST=	0
INDE	8	18	34	FOBS=	255.9	SIGMA=	0.7	PHAS=	-113.9	FOM=	0.99	TEST=	0
INDE	8	18	36	FOBS=	198.1	SIGMA=	0.7	PHAS=	163.7	FOM=	0.93	TEST=	0
INDE	8	18	38	FOBS=	172.6	SIGMA=	0.8	PHAS=	139.5	FOM=	0.92	TEST=	0
INDE	8	18	40	FOBS=	146.7	SIGMA=	0.9	PHAS=	40.8	FOM=	0.90	TEST=	0
INDE	8	18	42	FOBS=	65.1	SIGMA=	2.0	PHAS=	-151.9	FOM=	0.39	TEST=	0
INDE	8	18	44	FOBS=	262.7	SIGMA=	0.9	PHAS=	-22.1	FOM=	0.97	TEST=	0
INDE	8	18	46	FOBS=	161.9	SIGMA=	1.5	PHAS=	49.9	FOM=	0.91	TEST=	0
INDE	8	18	48	FOBS=	209.1	SIGMA=	1.1	PHAS=	147.7	FOM=	0.92	TEST=	0
INDE	8	18	50	FOBS=	170.0	SIGMA=	1.3	PHAS=	11.3	FOM=	0.96	TEST=	0
INDE	8	18	52	FOBS=	132.4	SIGMA=	1.6	PHAS=	-103.5	FOM=	0.88	TEST=	0
INDE	8	18	54	FOBS=	133.1	SIGMA=	1.6	PHAS=	-62.0	FOM=	0.93	TEST=	0
INDE	8	18	56	FOBS=	115.8	SIGMA=	1.8	PHAS=	-7.0	FOM=	0.97	TEST=	0
INDE	8	18	58	FOBS=	21.2	SIGMA=	10.2	PHAS=	100.2	FOM=	0.05	TEST=	0
INDE	8	18	60	FOBS=	79.4	SIGMA=	2.6	PHAS=	-64.5	FOM=	0.90	TEST=	0
INDE	8	18	62	FOBS=	8.1	SIGMA=	28.7	PHAS=	-118.5	FOM=	0.31	TEST=	0
INDE	8	18	64	FOBS=	76.0	SIGMA=	3.7	PHAS=	76.5	FOM=	0.75	TEST=	0
INDE	8	18	66	FOBS=	64.2	SIGMA=	6.9	PHAS=	-93.5	FOM=	0.79	TEST=	0
INDE	8	18	68	FOBS=	0.0	SIGMA=	30.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	18	70	FOBS=	47.2	SIGMA=	9.8	PHAS=	-19.3	FOM=	0.73	TEST=	0
INDE	8	18	72	FOBS=	40.9	SIGMA=	11.7	PHAS=	-68.6	FOM=	0.59	TEST=	0
INDE	8	18	74	FOBS=	52.8	SIGMA=	9.3	PHAS=	-86.4	FOM=	0.06	TEST=	1
INDE	8	19	9	FOBS=	160.2	SIGMA=	0.5	PHAS=	74.3	FOM=	0.86	TEST=	0
INDE	8	19	11	FOBS=	128.1	SIGMA=	0.5	PHAS=	164.9	FOM=	0.59	TEST=	0
INDE	8	19	13	FOBS=	45.1	SIGMA=	1.3	PHAS=	33.2	FOM=	0.95	TEST=	0
INDE	8	19	15	FOBS=	101.7	SIGMA=	0.9	PHAS=	115.4	FOM=	0.99	TEST=	0
INDE	8	19	17	FOBS=	49.8	SIGMA=	1.5	PHAS=	167.9	FOM=	0.98	TEST=	0
INDE	8	19	19	FOBS=	95.1	SIGMA=	0.9	PHAS=	116.4	FOM=	0.99	TEST=	0
INDE	8	19	21	FOBS=	57.7	SIGMA=	1.3	PHAS=	-97.8	FOM=	0.73	TEST=	0
INDE	8	19	23	FOBS=	232.7	SIGMA=	0.4	PHAS=	-8.4	FOM=	0.97	TEST=	0
INDE	8	19	25	FOBS=	201.1	SIGMA=	0.5	PHAS=	63.7	FOM=	0.96	TEST=	0
INDE	8	19	27	FOBS=	178.6	SIGMA=	0.6	PHAS=	91.9	FOM=	0.98	TEST=	0
INDE	8	19	29	FOBS=	89.9	SIGMA=	1.0	PHAS=	-101.5	FOM=	0.79	TEST=	0
INDE	8	19	31	FOBS=	134.6	SIGMA=	0.7	PHAS=	165.3	FOM=	0.57	TEST=	0
INDE	8	19	33	FOBS=	498.0	SIGMA=	0.5	PHAS=	174.5	FOM=	0.99	TEST=	0
INDE	8	19	35	FOBS=	198.0	SIGMA=	1.0	PHAS=	-99.8	FOM=	0.83	TEST=	0
INDE	8	19	37	FOBS=	304.8	SIGMA=	0.7	PHAS=	80.0	FOM=	0.95	TEST=	0
INDE	8	19	39	FOBS=	160.3	SIGMA=	0.8	PHAS=	55.3	FOM=	0.77	TEST=	0
INDE	8	19	41	FOBS=	324.7	SIGMA=	0.6	PHAS=	-128.4	FOM=	0.91	TEST=	1
INDE	8	19	43	FOBS=	134.0	SIGMA=	1.4	PHAS=	-81.9	FOM=	0.92	TEST=	0
INDE	8	19	45	FOBS=	201.4	SIGMA=	1.1	PHAS=	-52.0	FOM=	0.96	TEST=	0
INDE	8	19	47	FOBS=	85.3	SIGMA=	2.4	PHAS=	87.6	FOM=	0.68	TEST=	0
INDE	8	19	49	FOBS=	128.8	SIGMA=	1.7	PHAS=	156.5	FOM=	0.90	TEST=	0
INDE	8	19	51	FOBS=	13.1	SIGMA=	10.1	PHAS=	-110.6	FOM=	0.08	TEST=	0
INDE	8	19	53	FOBS=	48.3	SIGMA=	2.8	PHAS=	153.4	FOM=	0.83	TEST=	0
INDE	8	19	55	FOBS=	33.2	SIGMA=	6.6	PHAS=	-47.3	FOM=	0.24	TEST=	0

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INDE	8	19	57	FOBS=	114.0	SIGMA=	1.8	PHAS=	115.9	FOM=	0.95	TEST=	0
INDE	8	19	59	FOBS=	62.4	SIGMA=	3.2	PHAS=	-64.5	FOM=	0.23	TEST=	1
INDE	8	19	61	FOBS=	47.7	SIGMA=	4.1	PHAS=	103.4	FOM=	0.70	TEST=	0
INDE	8	19	63	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	19	65	FOBS=	51.1	SIGMA=	8.9	PHAS=	-112.7	FOM=	0.79	TEST=	0
INDE	8	19	67	FOBS=	26.2	SIGMA=	16.8	PHAS=	121.0	FOM=	0.03	TEST=	1
INDE	8	19	69	FOBS=	31.2	SIGMA=	14.5	PHAS=	108.6	FOM=	0.34	TEST=	0
INDE	8	19	71	FOBS=	21.6	SIGMA=	21.2	PHAS=	-50.2	FOM=	0.28	TEST=	0
INDE	8	19	73	FOBS=	39.0	SIGMA=	12.5	PHAS=	105.0	FOM=	0.27	TEST=	0
INDE	8	20	8	FOBS=	161.3	SIGMA=	0.5	PHAS=	36.1	FOM=	0.32	TEST=	1
INDE	8	20	10	FOBS=	132.5	SIGMA=	0.5	PHAS=	10.7	FOM=	0.76	TEST=	0
INDE	8	20	12	FOBS=	97.1	SIGMA=	0.7	PHAS=	168.7	FOM=	0.85	TEST=	1
INDE	8	20	14	FOBS=	165.5	SIGMA=	0.5	PHAS=	-14.7	FOM=	0.95	TEST=	0
INDE	8	20	16	FOBS=	174.8	SIGMA=	0.7	PHAS=	58.0	FOM=	0.99	TEST=	0
INDE	8	20	18	FOBS=	230.6	SIGMA=	0.5	PHAS=	90.0	FOM=	0.97	TEST=	0
INDE	8	20	20	FOBS=	196.2	SIGMA=	0.6	PHAS=	86.3	FOM=	0.98	TEST=	0
INDE	8	20	22	FOBS=	84.4	SIGMA=	1.0	PHAS=	166.2	FOM=	0.96	TEST=	0
INDE	8	20	24	FOBS=	261.1	SIGMA=	0.5	PHAS=	-2.2	FOM=	0.98	TEST=	0
INDE	8	20	26	FOBS=	60.4	SIGMA=	1.4	PHAS=	16.1	FOM=	0.93	TEST=	0
INDE	8	20	28	FOBS=	84.8	SIGMA=	1.1	PHAS=	-70.8	FOM=	0.82	TEST=	0
INDE	8	20	30	FOBS=	271.3	SIGMA=	0.5	PHAS=	119.8	FOM=	0.98	TEST=	0
INDE	8	20	32	FOBS=	124.2	SIGMA=	0.8	PHAS=	26.5	FOM=	0.40	TEST=	1
INDE	8	20	34	FOBS=	227.4	SIGMA=	0.6	PHAS=	25.6	FOM=	0.94	TEST=	0
INDE	8	20	36	FOBS=	262.1	SIGMA=	0.7	PHAS=	106.3	FOM=	0.92	TEST=	0
INDE	8	20	38	FOBS=	318.6	SIGMA=	0.6	PHAS=	-24.6	FOM=	0.96	TEST=	0
INDE	8	20	40	FOBS=	328.4	SIGMA=	0.7	PHAS=	78.9	FOM=	0.98	TEST=	0
INDE	8	20	42	FOBS=	260.8	SIGMA=	0.8	PHAS=	90.8	FOM=	0.93	TEST=	0
INDE	8	20	44	FOBS=	137.8	SIGMA=	1.4	PHAS=	-38.8	FOM=	0.95	TEST=	0
INDE	8	20	46	FOBS=	201.1	SIGMA=	1.0	PHAS=	-13.4	FOM=	0.93	TEST=	0
INDE	8	20	48	FOBS=	142.4	SIGMA=	1.4	PHAS=	90.6	FOM=	0.93	TEST=	0
INDE	8	20	50	FOBS=	122.8	SIGMA=	1.8	PHAS=	131.7	FOM=	0.80	TEST=	0
INDE	8	20	52	FOBS=	152.4	SIGMA=	1.0	PHAS=	-106.8	FOM=	0.91	TEST=	0
INDE	8	20	54	FOBS=	81.1	SIGMA=	1.8	PHAS=	165.9	FOM=	0.82	TEST=	0
INDE	8	20	56	FOBS=	60.5	SIGMA=	3.4	PHAS=	27.5	FOM=	0.82	TEST=	0
INDE	8	20	58	FOBS=	23.1	SIGMA=	9.3	PHAS=	14.4	FOM=	0.02	TEST=	1
INDE	8	20	60	FOBS=	35.0	SIGMA=	5.7	PHAS=	12.6	FOM=	0.37	TEST=	0
INDE	8	20	62	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	8	20	64	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	20	66	FOBS=	94.2	SIGMA=	4.9	PHAS=	167.4	FOM=	0.89	TEST=	0
INDE	8	20	68	FOBS=	42.7	SIGMA=	10.7	PHAS=	-70.1	FOM=	0.06	TEST=	1
INDE	8	20	70	FOBS=	47.1	SIGMA=	9.4	PHAS=	-86.2	FOM=	0.79	TEST=	0
INDE	8	20	72	FOBS=	31.5	SIGMA=	14.9	PHAS=	-144.8	FOM=	0.00	TEST=	1
INDE	8	20	74	FOBS=	68.9	SIGMA=	7.2	PHAS=	-64.2	FOM=	0.84	TEST=	0
INDE	8	21	9	FOBS=	214.4	SIGMA=	0.4	PHAS=	-54.6	FOM=	0.80	TEST=	1
INDE	8	21	11	FOBS=	65.9	SIGMA=	1.0	PHAS=	96.8	FOM=	0.94	TEST=	0
INDE	8	21	13	FOBS=	170.5	SIGMA=	0.5	PHAS=	111.3	FOM=	0.97	TEST=	0
INDE	8	21	15	FOBS=	91.5	SIGMA=	1.1	PHAS=	-65.1	FOM=	0.97	TEST=	0
INDE	8	21	17	FOBS=	173.9	SIGMA=	0.6	PHAS=	3.5	FOM=	0.95	TEST=	0
INDE	8	21	19	FOBS=	144.1	SIGMA=	0.7	PHAS=	2.9	FOM=	0.97	TEST=	0
INDE	8	21	21	FOBS=	350.7	SIGMA=	0.5	PHAS=	8.0	FOM=	0.98	TEST=	0
INDE	8	21	23	FOBS=	185.6	SIGMA=	0.5	PHAS=	-70.0	FOM=	0.97	TEST=	0
INDE	8	21	25	FOBS=	121.7	SIGMA=	0.7	PHAS=	76.3	FOM=	0.45	TEST=	0
INDE	8	21	27	FOBS=	176.4	SIGMA=	0.5	PHAS=	145.4	FOM=	0.91	TEST=	0
INDE	8	21	29	FOBS=	45.8	SIGMA=	2.1	PHAS=	-124.0	FOM=	0.63	TEST=	0
INDE	8	21	31	FOBS=	87.7	SIGMA=	1.2	PHAS=	43.9	FOM=	0.98	TEST=	0
INDE	8	21	33	FOBS=	149.4	SIGMA=	0.8	PHAS=	-120.0	FOM=	0.56	TEST=	0
INDE	8	21	35	FOBS=	362.1	SIGMA=	0.6	PHAS=	-89.5	FOM=	0.95	TEST=	0
INDE	8	21	37	FOBS=	156.8	SIGMA=	1.0	PHAS=	-79.9	FOM=	0.80	TEST=	1
INDE	8	21	39	FOBS=	161.5	SIGMA=	1.0	PHAS=	-37.3	FOM=	0.96	TEST=	0
INDE	8	21	41	FOBS=	336.4	SIGMA=	0.8	PHAS=	-59.1	FOM=	0.97	TEST=	0
INDE	8	21	43	FOBS=	248.3	SIGMA=	1.0	PHAS=	-97.8	FOM=	0.95	TEST=	0
INDE	8	21	45	FOBS=	303.7	SIGMA=	0.7	PHAS=	-106.4	FOM=	0.97	TEST=	0
INDE	8	21	47	FOBS=	21.2	SIGMA=	9.8	PHAS=	-148.3	FOM=	0.40	TEST=	1
INDE	8	21	49	FOBS=	143.2	SIGMA=	1.4	PHAS=	39.4	FOM=	0.95	TEST=	0
INDE	8	21	51	FOBS=	99.3	SIGMA=	2.2	PHAS=	-159.7	FOM=	0.94	TEST=	0
INDE	8	21	53	FOBS=	94.4	SIGMA=	1.3	PHAS=	-141.3	FOM=	0.92	TEST=	0
INDE	8	21	55	FOBS=	35.5	SIGMA=	4.2	PHAS=	-48.3	FOM=	0.80	TEST=	0
INDE	8	21	57	FOBS=	22.4	SIGMA=	9.0	PHAS=	-6.2	FOM=	0.39	TEST=	0
INDE	8	21	59	FOBS=	50.5	SIGMA=	4.0	PHAS=	-142.9	FOM=	0.43	TEST=	0
INDE	8	21	61	FOBS=	65.5	SIGMA=	3.6	PHAS=	91.6	FOM=	0.76	TEST=	0

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INDE	8	21	63	FOBS=	105.3	SIGMA=	2.3	PHAS=	49.1	FOM=	0.91	TEST=	0
INDE	8	21	65	FOBS=	85.7	SIGMA=	5.4	PHAS=	-112.1	FOM=	0.39	TEST=	1
INDE	8	21	67	FOBS=	104.0	SIGMA=	4.5	PHAS=	71.1	FOM=	0.92	TEST=	0
INDE	8	21	69	FOBS=	49.1	SIGMA=	9.4	PHAS=	98.3	FOM=	0.32	TEST=	0
INDE	8	21	71	FOBS=	75.1	SIGMA=	6.3	PHAS=	-174.2	FOM=	0.92	TEST=	0
INDE	8	21	73	FOBS=	0.0	SIGMA=	30.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	22	8	FOBS=	240.1	SIGMA=	0.5	PHAS=	-107.1	FOM=	0.90	TEST=	0
INDE	8	22	10	FOBS=	202.7	SIGMA=	0.5	PHAS=	-33.6	FOM=	0.84	TEST=	0
INDE	8	22	12	FOBS=	177.3	SIGMA=	0.5	PHAS=	-0.7	FOM=	0.99	TEST=	0
INDE	8	22	14	FOBS=	158.8	SIGMA=	0.6	PHAS=	-9.5	FOM=	0.98	TEST=	1
INDE	8	22	16	FOBS=	160.3	SIGMA=	0.7	PHAS=	-120.5	FOM=	0.99	TEST=	1
INDE	8	22	18	FOBS=	56.2	SIGMA=	1.6	PHAS=	-113.1	FOM=	0.26	TEST=	0
INDE	8	22	20	FOBS=	139.1	SIGMA=	0.7	PHAS=	-27.6	FOM=	0.99	TEST=	0
INDE	8	22	22	FOBS=	275.9	SIGMA=	0.5	PHAS=	-155.7	FOM=	0.94	TEST=	0
INDE	8	22	24	FOBS=	319.1	SIGMA=	0.5	PHAS=	26.3	FOM=	0.97	TEST=	0
INDE	8	22	26	FOBS=	277.2	SIGMA=	0.5	PHAS=	-8.8	FOM=	0.95	TEST=	0
INDE	8	22	28	FOBS=	79.4	SIGMA=	1.1	PHAS=	-133.4	FOM=	0.91	TEST=	0
INDE	8	22	30	FOBS=	224.0	SIGMA=	0.6	PHAS=	132.5	FOM=	0.88	TEST=	0
INDE	8	22	32	FOBS=	51.1	SIGMA=	2.1	PHAS=	130.0	FOM=	0.59	TEST=	0
INDE	8	22	34	FOBS=	180.9	SIGMA=	0.8	PHAS=	55.0	FOM=	0.98	TEST=	0
INDE	8	22	36	FOBS=	271.5	SIGMA=	0.7	PHAS=	116.1	FOM=	0.97	TEST=	0
INDE	8	22	38	FOBS=	172.4	SIGMA=	1.0	PHAS=	-112.0	FOM=	0.91	TEST=	0
INDE	8	22	40	FOBS=	110.3	SIGMA=	1.8	PHAS=	98.8	FOM=	0.79	TEST=	0
INDE	8	22	42	FOBS=	76.1	SIGMA=	2.4	PHAS=	-163.7	FOM=	0.59	TEST=	0
INDE	8	22	44	FOBS=	346.0	SIGMA=	0.7	PHAS=	138.9	FOM=	0.98	TEST=	0
INDE	8	22	46	FOBS=	245.6	SIGMA=	0.9	PHAS=	102.7	FOM=	0.95	TEST=	0
INDE	8	22	48	FOBS=	115.8	SIGMA=	1.6	PHAS=	-101.3	FOM=	0.87	TEST=	1
INDE	8	22	50	FOBS=	170.1	SIGMA=	1.2	PHAS=	115.8	FOM=	0.98	TEST=	0
INDE	8	22	52	FOBS=	16.8	SIGMA=	9.6	PHAS=	-31.8	FOM=	0.10	TEST=	0
INDE	8	22	54	FOBS=	52.4	SIGMA=	2.4	PHAS=	-128.9	FOM=	0.43	TEST=	1
INDE	8	22	56	FOBS=	108.0	SIGMA=	1.4	PHAS=	-142.3	FOM=	0.76	TEST=	0
INDE	8	22	58	FOBS=	79.7	SIGMA=	2.6	PHAS=	174.1	FOM=	0.85	TEST=	0
INDE	8	22	60	FOBS=	61.5	SIGMA=	3.3	PHAS=	-36.8	FOM=	0.38	TEST=	1
INDE	8	22	62	FOBS=	86.8	SIGMA=	2.8	PHAS=	-5.4	FOM=	0.89	TEST=	0
INDE	8	22	64	FOBS=	47.6	SIGMA=	9.7	PHAS=	-71.7	FOM=	0.78	TEST=	0
INDE	8	22	66	FOBS=	39.8	SIGMA=	11.8	PHAS=	132.3	FOM=	0.39	TEST=	0
INDE	8	22	68	FOBS=	106.8	SIGMA=	4.3	PHAS=	-15.1	FOM=	0.95	TEST=	0
INDE	8	22	70	FOBS=	83.6	SIGMA=	5.7	PHAS=	103.9	FOM=	0.90	TEST=	0
INDE	8	22	72	FOBS=	18.8	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	8	22	74	FOBS=	58.4	SIGMA=	8.4	PHAS=	-44.9	FOM=	0.82	TEST=	0
INDE	8	23	9	FOBS=	235.6	SIGMA=	0.5	PHAS=	-111.9	FOM=	0.97	TEST=	0
INDE	8	23	11	FOBS=	143.4	SIGMA=	0.6	PHAS=	-71.0	FOM=	0.87	TEST=	0
INDE	8	23	13	FOBS=	63.1	SIGMA=	1.2	PHAS=	-123.7	FOM=	0.98	TEST=	0
INDE	8	23	15	FOBS=	69.4	SIGMA=	1.1	PHAS=	123.8	FOM=	0.92	TEST=	0
INDE	8	23	17	FOBS=	152.2	SIGMA=	0.8	PHAS=	103.4	FOM=	0.99	TEST=	1
INDE	8	23	19	FOBS=	177.1	SIGMA=	0.6	PHAS=	-59.6	FOM=	0.96	TEST=	0
INDE	8	23	21	FOBS=	262.5	SIGMA=	0.5	PHAS=	-0.5	FOM=	0.88	TEST=	1
INDE	8	23	23	FOBS=	213.4	SIGMA=	0.5	PHAS=	-146.7	FOM=	0.87	TEST=	0
INDE	8	23	25	FOBS=	224.7	SIGMA=	0.5	PHAS=	-176.2	FOM=	0.93	TEST=	0
INDE	8	23	27	FOBS=	116.9	SIGMA=	0.8	PHAS=	156.8	FOM=	0.99	TEST=	0
INDE	8	23	29	FOBS=	155.1	SIGMA=	0.7	PHAS=	10.7	FOM=	0.75	TEST=	0
INDE	8	23	31	FOBS=	107.4	SIGMA=	1.2	PHAS=	150.3	FOM=	0.90	TEST=	0
INDE	8	23	33	FOBS=	133.9	SIGMA=	1.2	PHAS=	-88.3	FOM=	0.97	TEST=	0
INDE	8	23	35	FOBS=	138.6	SIGMA=	1.1	PHAS=	-115.1	FOM=	0.85	TEST=	0
INDE	8	23	37	FOBS=	75.3	SIGMA=	2.0	PHAS=	-92.6	FOM=	0.58	TEST=	0
INDE	8	23	39	FOBS=	152.2	SIGMA=	1.2	PHAS=	-20.0	FOM=	0.95	TEST=	0
INDE	8	23	41	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	23	43	FOBS=	72.6	SIGMA=	2.6	PHAS=	-8.3	FOM=	0.69	TEST=	0
INDE	8	23	45	FOBS=	204.1	SIGMA=	1.0	PHAS=	4.3	FOM=	0.95	TEST=	0
INDE	8	23	47	FOBS=	124.3	SIGMA=	1.5	PHAS=	91.3	FOM=	0.96	TEST=	0
INDE	8	23	49	FOBS=	94.1	SIGMA=	1.9	PHAS=	-105.7	FOM=	0.26	TEST=	1
INDE	8	23	51	FOBS=	52.5	SIGMA=	3.4	PHAS=	77.4	FOM=	0.55	TEST=	1
INDE	8	23	53	FOBS=	114.1	SIGMA=	1.2	PHAS=	-154.6	FOM=	0.93	TEST=	0
INDE	8	23	55	FOBS=	55.5	SIGMA=	2.4	PHAS=	124.4	FOM=	0.63	TEST=	0
INDE	8	23	57	FOBS=	215.0	SIGMA=	1.1	PHAS=	48.2	FOM=	0.97	TEST=	0
INDE	8	23	59	FOBS=	56.7	SIGMA=	3.6	PHAS=	-107.2	FOM=	0.86	TEST=	0
INDE	8	23	61	FOBS=	45.4	SIGMA=	5.3	PHAS=	-25.1	FOM=	0.50	TEST=	0
INDE	8	23	63	FOBS=	72.2	SIGMA=	3.8	PHAS=	-140.6	FOM=	0.84	TEST=	0
INDE	8	23	65	FOBS=	24.3	SIGMA=	19.1	PHAS=	74.1	FOM=	0.12	TEST=	0
INDE	8	23	67	FOBS=	20.6	SIGMA=	22.7	PHAS=	131.1	FOM=	0.19	TEST=	1

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INDE	8	23	69	FOBS=	47.6	SIGMA=	9.9	PHAS=	-75.4	FOM=	0.40	TEST=	0
INDE	8	23	71	FOBS=	49.7	SIGMA=	9.6	PHAS=	41.9	FOM=	0.71	TEST=	0
INDE	8	23	73	FOBS=	48.5	SIGMA=	10.2	PHAS=	-66.5	FOM=	0.76	TEST=	0
INDE	8	24	8	FOBS=	27.6	SIGMA=	2.3	PHAS=	130.2	FOM=	0.78	TEST=	0
INDE	8	24	10	FOBS=	168.9	SIGMA=	0.6	PHAS=	-134.8	FOM=	0.97	TEST=	0
INDE	8	24	12	FOBS=	54.9	SIGMA=	1.4	PHAS=	2.3	FOM=	0.30	TEST=	0
INDE	8	24	14	FOBS=	99.2	SIGMA=	0.9	PHAS=	-15.2	FOM=	0.64	TEST=	1
INDE	8	24	16	FOBS=	282.2	SIGMA=	0.6	PHAS=	10.5	FOM=	0.98	TEST=	0
INDE	8	24	18	FOBS=	51.1	SIGMA=	1.9	PHAS=	-177.4	FOM=	0.71	TEST=	0
INDE	8	24	20	FOBS=	204.3	SIGMA=	0.6	PHAS=	-95.2	FOM=	0.94	TEST=	0
INDE	8	24	22	FOBS=	57.7	SIGMA=	1.6	PHAS=	-124.0	FOM=	0.29	TEST=	0
INDE	8	24	24	FOBS=	311.8	SIGMA=	0.7	PHAS=	58.3	FOM=	0.98	TEST=	0
INDE	8	24	26	FOBS=	24.0	SIGMA=	4.1	PHAS=	117.0	FOM=	0.55	TEST=	0
INDE	8	24	28	FOBS=	166.9	SIGMA=	0.8	PHAS=	-111.4	FOM=	0.97	TEST=	0
INDE	8	24	30	FOBS=	102.1	SIGMA=	1.2	PHAS=	-73.2	FOM=	0.91	TEST=	0
INDE	8	24	32	FOBS=	162.8	SIGMA=	0.9	PHAS=	128.0	FOM=	0.94	TEST=	0
INDE	8	24	34	FOBS=	147.6	SIGMA=	1.1	PHAS=	28.3	FOM=	0.57	TEST=	0
INDE	8	24	36	FOBS=	60.7	SIGMA=	2.7	PHAS=	-12.0	FOM=	0.44	TEST=	0
INDE	8	24	38	FOBS=	281.1	SIGMA=	0.7	PHAS=	-172.1	FOM=	0.97	TEST=	0
INDE	8	24	40	FOBS=	169.9	SIGMA=	1.1	PHAS=	9.5	FOM=	0.98	TEST=	0
INDE	8	24	42	FOBS=	255.4	SIGMA=	0.9	PHAS=	24.2	FOM=	0.96	TEST=	0
INDE	8	24	44	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	24	46	FOBS=	141.0	SIGMA=	1.3	PHAS=	12.0	FOM=	0.97	TEST=	0
INDE	8	24	48	FOBS=	144.3	SIGMA=	1.3	PHAS=	-152.4	FOM=	0.93	TEST=	0
INDE	8	24	50	FOBS=	46.4	SIGMA=	3.7	PHAS=	-7.1	FOM=	0.16	TEST=	1
INDE	8	24	52	FOBS=	37.3	SIGMA=	4.9	PHAS=	-3.7	FOM=	0.38	TEST=	0
INDE	8	24	54	FOBS=	158.5	SIGMA=	0.9	PHAS=	73.6	FOM=	0.95	TEST=	0
INDE	8	24	56	FOBS=	58.3	SIGMA=	2.3	PHAS=	79.5	FOM=	0.64	TEST=	0
INDE	8	24	58	FOBS=	114.7	SIGMA=	1.4	PHAS=	-110.5	FOM=	0.95	TEST=	0
INDE	8	24	60	FOBS=	39.3	SIGMA=	6.1	PHAS=	-30.9	FOM=	0.57	TEST=	0
INDE	8	24	62	FOBS=	117.3	SIGMA=	2.5	PHAS=	26.9	FOM=	0.92	TEST=	0
INDE	8	24	64	FOBS=	0.0	SIGMA=	30.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	24	66	FOBS=	37.6	SIGMA=	12.6	PHAS=	-177.7	FOM=	0.14	TEST=	1
INDE	8	24	68	FOBS=	118.0	SIGMA=	4.2	PHAS=	-0.9	FOM=	0.96	TEST=	0
INDE	8	24	70	FOBS=	27.8	SIGMA=	17.1	PHAS=	36.1	FOM=	0.34	TEST=	0
INDE	8	24	72	FOBS=	0.0	SIGMA=	31.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	25	9	FOBS=	196.6	SIGMA=	0.5	PHAS=	-145.8	FOM=	0.96	TEST=	0
INDE	8	25	11	FOBS=	152.9	SIGMA=	0.6	PHAS=	-144.8	FOM=	0.88	TEST=	0
INDE	8	25	13	FOBS=	191.8	SIGMA=	0.5	PHAS=	-86.1	FOM=	0.98	TEST=	0
INDE	8	25	15	FOBS=	178.8	SIGMA=	0.6	PHAS=	-129.1	FOM=	0.96	TEST=	0
INDE	8	25	17	FOBS=	70.3	SIGMA=	1.5	PHAS=	125.7	FOM=	0.29	TEST=	0
INDE	8	25	19	FOBS=	170.9	SIGMA=	0.8	PHAS=	-89.2	FOM=	0.85	TEST=	0
INDE	8	25	21	FOBS=	212.5	SIGMA=	0.6	PHAS=	76.9	FOM=	0.85	TEST=	0
INDE	8	25	23	FOBS=	68.7	SIGMA=	1.7	PHAS=	142.3	FOM=	0.89	TEST=	0
INDE	8	25	25	FOBS=	119.0	SIGMA=	1.0	PHAS=	5.2	FOM=	0.95	TEST=	0
INDE	8	25	27	FOBS=	308.3	SIGMA=	0.6	PHAS=	131.8	FOM=	0.98	TEST=	0
INDE	8	25	29	FOBS=	131.3	SIGMA=	1.0	PHAS=	-130.5	FOM=	0.90	TEST=	0
INDE	8	25	31	FOBS=	56.6	SIGMA=	2.3	PHAS=	-103.1	FOM=	0.42	TEST=	0
INDE	8	25	33	FOBS=	176.0	SIGMA=	0.8	PHAS=	-103.3	FOM=	0.85	TEST=	1
INDE	8	25	35	FOBS=	235.9	SIGMA=	0.8	PHAS=	-105.1	FOM=	0.92	TEST=	0
INDE	8	25	37	FOBS=	123.5	SIGMA=	1.5	PHAS=	100.9	FOM=	0.95	TEST=	1
INDE	8	25	39	FOBS=	65.6	SIGMA=	2.7	PHAS=	68.3	FOM=	0.82	TEST=	0
INDE	8	25	41	FOBS=	237.3	SIGMA=	0.9	PHAS=	-83.7	FOM=	0.97	TEST=	0
INDE	8	25	43	FOBS=	170.8	SIGMA=	1.2	PHAS=	-34.7	FOM=	0.96	TEST=	0
INDE	8	25	45	FOBS=	136.1	SIGMA=	1.4	PHAS=	-6.0	FOM=	0.95	TEST=	0
INDE	8	25	47	FOBS=	63.1	SIGMA=	2.8	PHAS=	-166.3	FOM=	0.45	TEST=	0
INDE	8	25	49	FOBS=	59.1	SIGMA=	3.0	PHAS=	116.7	FOM=	0.65	TEST=	0
INDE	8	25	51	FOBS=	64.6	SIGMA=	2.7	PHAS=	-129.3	FOM=	0.85	TEST=	0
INDE	8	25	53	FOBS=	90.2	SIGMA=	1.6	PHAS=	-113.1	FOM=	0.60	TEST=	0
INDE	8	25	55	FOBS=	157.8	SIGMA=	0.9	PHAS=	-87.4	FOM=	0.63	TEST=	1
INDE	8	25	57	FOBS=	119.6	SIGMA=	1.4	PHAS=	87.0	FOM=	0.94	TEST=	0
INDE	8	25	59	FOBS=	109.6	SIGMA=	1.6	PHAS=	-171.7	FOM=	0.87	TEST=	0
INDE	8	25	61	FOBS=	81.1	SIGMA=	3.1	PHAS=	-71.6	FOM=	0.91	TEST=	0
INDE	8	25	63	FOBS=	0.0	SIGMA=	25.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	25	65	FOBS=	76.5	SIGMA=	6.3	PHAS=	165.8	FOM=	0.59	TEST=	0
INDE	8	25	67	FOBS=	56.2	SIGMA=	8.5	PHAS=	-98.0	FOM=	0.87	TEST=	0
INDE	8	25	69	FOBS=	72.1	SIGMA=	6.8	PHAS=	-91.2	FOM=	0.90	TEST=	0
INDE	8	25	71	FOBS=	0.0	SIGMA=	31.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	25	73	FOBS=	23.6	SIGMA=	21.1	PHAS=	32.5	FOM=	0.10	TEST=	1
INDE	8	26	8	FOBS=	110.7	SIGMA=	0.7	PHAS=	170.1	FOM=	0.99	TEST=	0

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INDE	8	26	10	FOBS=	139.2	SIGMA=	0.7	PHAS=	-140.1	FOM=	0.95	TEST=	0
INDE	8	26	12	FOBS=	89.1	SIGMA=	1.1	PHAS=	-133.3	FOM=	0.98	TEST=	0
INDE	8	26	14	FOBS=	209.2	SIGMA=	0.6	PHAS=	171.1	FOM=	0.98	TEST=	0
INDE	8	26	16	FOBS=	85.2	SIGMA=	1.3	PHAS=	-34.8	FOM=	0.94	TEST=	0
INDE	8	26	18	FOBS=	183.8	SIGMA=	0.9	PHAS=	-128.4	FOM=	0.83	TEST=	1
INDE	8	26	20	FOBS=	188.6	SIGMA=	0.9	PHAS=	-139.8	FOM=	0.92	TEST=	0
INDE	8	26	22	FOBS=	131.3	SIGMA=	1.0	PHAS=	29.7	FOM=	0.93	TEST=	0
INDE	8	26	24	FOBS=	63.5	SIGMA=	1.9	PHAS=	104.9	FOM=	0.95	TEST=	0
INDE	8	26	26	FOBS=	14.9	SIGMA=	7.7	PHAS=	-125.7	FOM=	0.36	TEST=	0
INDE	8	26	28	FOBS=	179.1	SIGMA=	0.8	PHAS=	68.6	FOM=	0.99	TEST=	0
INDE	8	26	30	FOBS=	251.0	SIGMA=	0.7	PHAS=	148.4	FOM=	0.90	TEST=	0
INDE	8	26	32	FOBS=	293.1	SIGMA=	0.6	PHAS=	96.7	FOM=	0.97	TEST=	0
INDE	8	26	34	FOBS=	55.9	SIGMA=	2.7	PHAS=	118.9	FOM=	0.97	TEST=	0
INDE	8	26	36	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	26	38	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	26	40	FOBS=	110.6	SIGMA=	1.9	PHAS=	-74.0	FOM=	0.84	TEST=	1
INDE	8	26	42	FOBS=	219.3	SIGMA=	0.9	PHAS=	-20.6	FOM=	0.96	TEST=	0
INDE	8	26	44	FOBS=	193.2	SIGMA=	1.0	PHAS=	-71.6	FOM=	0.97	TEST=	0
INDE	8	26	46	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	26	48	FOBS=	178.6	SIGMA=	1.1	PHAS=	-167.3	FOM=	0.89	TEST=	0
INDE	8	26	50	FOBS=	108.3	SIGMA=	1.6	PHAS=	142.1	FOM=	0.93	TEST=	0
INDE	8	26	52	FOBS=	206.3	SIGMA=	0.9	PHAS=	126.8	FOM=	0.94	TEST=	0
INDE	8	26	54	FOBS=	77.4	SIGMA=	1.7	PHAS=	-150.9	FOM=	0.77	TEST=	0
INDE	8	26	56	FOBS=	38.5	SIGMA=	4.3	PHAS=	90.2	FOM=	0.61	TEST=	0
INDE	8	26	58	FOBS=	87.8	SIGMA=	2.0	PHAS=	-176.0	FOM=	0.76	TEST=	0
INDE	8	26	60	FOBS=	88.0	SIGMA=	2.0	PHAS=	90.4	FOM=	0.89	TEST=	0
INDE	8	26	62	FOBS=	75.4	SIGMA=	4.3	PHAS=	-34.8	FOM=	0.84	TEST=	0
INDE	8	26	64	FOBS=	75.1	SIGMA=	4.4	PHAS=	114.4	FOM=	0.56	TEST=	0
INDE	8	26	66	FOBS=	38.7	SIGMA=	12.3	PHAS=	139.4	FOM=	0.65	TEST=	0
INDE	8	26	68	FOBS=	51.5	SIGMA=	9.5	PHAS=	75.1	FOM=	0.74	TEST=	0
INDE	8	26	70	FOBS=	0.0	SIGMA=	30.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	8	26	72	FOBS=	43.3	SIGMA=	11.6	PHAS=	13.4	FOM=	0.56	TEST=	0
INDE	8	27	9	FOBS=	86.8	SIGMA=	0.9	PHAS=	-110.4	FOM=	0.87	TEST=	0
INDE	8	27	11	FOBS=	251.3	SIGMA=	0.6	PHAS=	-156.0	FOM=	0.98	TEST=	0
INDE	8	27	13	FOBS=	74.0	SIGMA=	1.3	PHAS=	-163.5	FOM=	0.96	TEST=	0
INDE	8	27	15	FOBS=	26.3	SIGMA=	3.7	PHAS=	44.5	FOM=	0.38	TEST=	0
INDE	8	27	17	FOBS=	77.9	SIGMA=	1.5	PHAS=	82.2	FOM=	0.97	TEST=	0
INDE	8	27	19	FOBS=	94.0	SIGMA=	1.5	PHAS=	-31.5	FOM=	0.98	TEST=	0
INDE	8	27	21	FOBS=	193.6	SIGMA=	0.9	PHAS=	12.6	FOM=	0.93	TEST=	0
INDE	8	27	23	FOBS=	289.8	SIGMA=	0.7	PHAS=	115.0	FOM=	0.97	TEST=	0
INDE	8	27	25	FOBS=	133.8	SIGMA=	1.0	PHAS=	47.1	FOM=	0.76	TEST=	0
INDE	8	27	27	FOBS=	166.4	SIGMA=	0.8	PHAS=	89.9	FOM=	0.99	TEST=	1
INDE	8	27	29	FOBS=	131.5	SIGMA=	1.1	PHAS=	49.5	FOM=	0.92	TEST=	1
INDE	8	27	31	FOBS=	211.5	SIGMA=	0.9	PHAS=	-26.0	FOM=	0.67	TEST=	0
INDE	8	27	33	FOBS=	275.4	SIGMA=	0.7	PHAS=	-25.6	FOM=	0.99	TEST=	0
INDE	8	27	35	FOBS=	239.2	SIGMA=	0.8	PHAS=	-31.7	FOM=	0.96	TEST=	0
INDE	8	27	37	FOBS=	140.9	SIGMA=	1.4	PHAS=	93.9	FOM=	0.80	TEST=	1
INDE	8	27	39	FOBS=	185.4	SIGMA=	1.2	PHAS=	178.2	FOM=	0.88	TEST=	0
INDE	8	27	41	FOBS=	366.4	SIGMA=	0.7	PHAS=	-105.9	FOM=	0.98	TEST=	0
INDE	8	27	43	FOBS=	216.5	SIGMA=	0.9	PHAS=	-125.9	FOM=	0.92	TEST=	0
INDE	8	27	45	FOBS=	128.6	SIGMA=	1.4	PHAS=	-119.5	FOM=	0.91	TEST=	1
INDE	8	27	47	FOBS=	135.0	SIGMA=	1.4	PHAS=	115.6	FOM=	0.96	TEST=	0
INDE	8	27	49	FOBS=	114.0	SIGMA=	1.6	PHAS=	148.8	FOM=	0.75	TEST=	0
INDE	8	27	51	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	27	53	FOBS=	100.4	SIGMA=	1.7	PHAS=	137.5	FOM=	0.89	TEST=	0
INDE	8	27	55	FOBS=	26.8	SIGMA=	4.8	PHAS=	-23.7	FOM=	0.21	TEST=	0
INDE	8	27	57	FOBS=	123.4	SIGMA=	1.3	PHAS=	3.9	FOM=	0.88	TEST=	0
INDE	8	27	59	FOBS=	29.0	SIGMA=	7.8	PHAS=	147.1	FOM=	0.39	TEST=	0
INDE	8	27	61	FOBS=	60.2	SIGMA=	3.2	PHAS=	10.7	FOM=	0.69	TEST=	0
INDE	8	27	63	FOBS=	64.6	SIGMA=	5.0	PHAS=	49.4	FOM=	0.62	TEST=	0
INDE	8	27	65	FOBS=	0.0	SIGMA=	30.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	27	67	FOBS=	84.0	SIGMA=	5.7	PHAS=	-36.9	FOM=	0.90	TEST=	0
INDE	8	27	69	FOBS=	21.5	SIGMA=	22.4	PHAS=	30.9	FOM=	0.54	TEST=	0
INDE	8	27	71	FOBS=	0.0	SIGMA=	32.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	28	8	FOBS=	132.4	SIGMA=	0.7	PHAS=	-128.9	FOM=	0.91	TEST=	0
INDE	8	28	10	FOBS=	255.8	SIGMA=	0.7	PHAS=	156.1	FOM=	0.99	TEST=	0
INDE	8	28	12	FOBS=	90.6	SIGMA=	1.1	PHAS=	-55.3	FOM=	0.91	TEST=	0
INDE	8	28	14	FOBS=	115.2	SIGMA=	1.0	PHAS=	-172.5	FOM=	0.91	TEST=	0
INDE	8	28	16	FOBS=	61.3	SIGMA=	1.7	PHAS=	-56.6	FOM=	0.96	TEST=	0
INDE	8	28	18	FOBS=	144.4	SIGMA=	0.8	PHAS=	-109.8	FOM=	0.98	TEST=	0

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INDE	8	28	20	FOBS=	211.7	SIGMA=	0.8	PHAS=	-134.9	FOM=	0.94	TEST=	0
INDE	8	28	22	FOBS=	340.4	SIGMA=	0.7	PHAS=	-33.4	FOM=	0.96	TEST=	1
INDE	8	28	24	FOBS=	191.2	SIGMA=	0.8	PHAS=	-57.7	FOM=	0.94	TEST=	0
INDE	8	28	26	FOBS=	283.4	SIGMA=	0.6	PHAS=	-64.2	FOM=	0.98	TEST=	0
INDE	8	28	28	FOBS=	206.5	SIGMA=	0.8	PHAS=	44.5	FOM=	0.92	TEST=	0
INDE	8	28	30	FOBS=	96.0	SIGMA=	1.5	PHAS=	33.3	FOM=	0.68	TEST=	0
INDE	8	28	32	FOBS=	197.7	SIGMA=	0.9	PHAS=	-94.3	FOM=	0.94	TEST=	0
INDE	8	28	34	FOBS=	286.7	SIGMA=	0.8	PHAS=	-134.7	FOM=	0.99	TEST=	0
INDE	8	28	36	FOBS=	167.4	SIGMA=	1.1	PHAS=	17.3	FOM=	0.72	TEST=	1
INDE	8	28	38	FOBS=	250.7	SIGMA=	0.9	PHAS=	6.4	FOM=	0.97	TEST=	0
INDE	8	28	40	FOBS=	203.8	SIGMA=	1.1	PHAS=	154.3	FOM=	0.94	TEST=	0
INDE	8	28	42	FOBS=	131.9	SIGMA=	1.6	PHAS=	-119.3	FOM=	0.93	TEST=	0
INDE	8	28	44	FOBS=	96.9	SIGMA=	2.1	PHAS=	135.9	FOM=	0.82	TEST=	0
INDE	8	28	46	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	28	48	FOBS=	107.2	SIGMA=	1.7	PHAS=	169.3	FOM=	0.92	TEST=	0
INDE	8	28	50	FOBS=	104.6	SIGMA=	1.7	PHAS=	127.7	FOM=	0.88	TEST=	0
INDE	8	28	52	FOBS=	73.7	SIGMA=	2.3	PHAS=	-163.0	FOM=	0.92	TEST=	0
INDE	8	28	54	FOBS=	0.0	SIGMA=	17.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	28	56	FOBS=	27.3	SIGMA=	5.5	PHAS=	117.2	FOM=	0.56	TEST=	0
INDE	8	28	58	FOBS=	90.8	SIGMA=	1.7	PHAS=	164.9	FOM=	0.91	TEST=	0
INDE	8	28	60	FOBS=	82.8	SIGMA=	2.0	PHAS=	19.9	FOM=	0.88	TEST=	0
INDE	8	28	62	FOBS=	33.0	SIGMA=	9.7	PHAS=	-26.4	FOM=	0.39	TEST=	1
INDE	8	28	64	FOBS=	37.1	SIGMA=	8.7	PHAS=	74.6	FOM=	0.58	TEST=	0
INDE	8	28	66	FOBS=	16.6	SIGMA=	28.8	PHAS=	-162.4	FOM=	0.28	TEST=	0
INDE	8	28	68	FOBS=	0.0	SIGMA=	31.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	28	70	FOBS=	83.0	SIGMA=	6.1	PHAS=	-65.8	FOM=	0.92	TEST=	0
INDE	8	28	72	FOBS=	44.3	SIGMA=	11.6	PHAS=	-129.3	FOM=	0.55	TEST=	0
INDE	8	29	9	FOBS=	14.1	SIGMA=	6.6	PHAS=	169.1	FOM=	0.84	TEST=	0
INDE	8	29	11	FOBS=	143.5	SIGMA=	0.8	PHAS=	153.5	FOM=	0.99	TEST=	0
INDE	8	29	13	FOBS=	199.1	SIGMA=	0.7	PHAS=	-143.7	FOM=	0.97	TEST=	0
INDE	8	29	15	FOBS=	154.8	SIGMA=	0.8	PHAS=	108.9	FOM=	0.98	TEST=	0
INDE	8	29	17	FOBS=	82.6	SIGMA=	1.5	PHAS=	113.9	FOM=	0.95	TEST=	0
INDE	8	29	19	FOBS=	106.4	SIGMA=	1.4	PHAS=	-112.2	FOM=	0.92	TEST=	1
INDE	8	29	21	FOBS=	179.2	SIGMA=	1.0	PHAS=	152.8	FOM=	0.97	TEST=	1
INDE	8	29	23	FOBS=	445.6	SIGMA=	0.6	PHAS=	-157.3	FOM=	0.97	TEST=	0
INDE	8	29	25	FOBS=	292.7	SIGMA=	0.8	PHAS=	-134.4	FOM=	0.97	TEST=	0
INDE	8	29	27	FOBS=	217.1	SIGMA=	0.7	PHAS=	-119.5	FOM=	0.96	TEST=	0
INDE	8	29	29	FOBS=	116.5	SIGMA=	1.3	PHAS=	33.7	FOM=	0.96	TEST=	0
INDE	8	29	31	FOBS=	0.0	SIGMA=	17.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	29	33	FOBS=	280.6	SIGMA=	0.7	PHAS=	-124.9	FOM=	0.98	TEST=	1
INDE	8	29	35	FOBS=	97.6	SIGMA=	1.9	PHAS=	27.9	FOM=	0.56	TEST=	0
INDE	8	29	37	FOBS=	133.4	SIGMA=	1.4	PHAS=	-99.9	FOM=	0.76	TEST=	0
INDE	8	29	39	FOBS=	75.2	SIGMA=	2.9	PHAS=	124.7	FOM=	0.14	TEST=	0
INDE	8	29	41	FOBS=	161.9	SIGMA=	1.3	PHAS=	170.0	FOM=	0.92	TEST=	0
INDE	8	29	43	FOBS=	171.5	SIGMA=	1.3	PHAS=	170.8	FOM=	0.93	TEST=	0
INDE	8	29	45	FOBS=	95.6	SIGMA=	2.1	PHAS=	-91.5	FOM=	0.91	TEST=	0
INDE	8	29	47	FOBS=	219.2	SIGMA=	1.0	PHAS=	95.2	FOM=	0.95	TEST=	0
INDE	8	29	49	FOBS=	55.7	SIGMA=	3.1	PHAS=	111.6	FOM=	0.81	TEST=	0
INDE	8	29	51	FOBS=	92.7	SIGMA=	1.9	PHAS=	-153.7	FOM=	0.86	TEST=	0
INDE	8	29	53	FOBS=	54.4	SIGMA=	3.1	PHAS=	128.7	FOM=	0.91	TEST=	0
INDE	8	29	55	FOBS=	59.7	SIGMA=	2.5	PHAS=	-94.2	FOM=	0.40	TEST=	0
INDE	8	29	57	FOBS=	84.5	SIGMA=	1.9	PHAS=	61.1	FOM=	0.95	TEST=	0
INDE	8	29	59	FOBS=	85.4	SIGMA=	1.9	PHAS=	130.8	FOM=	0.89	TEST=	0
INDE	8	29	61	FOBS=	33.3	SIGMA=	5.5	PHAS=	-65.0	FOM=	0.64	TEST=	0
INDE	8	29	63	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	29	65	FOBS=	58.7	SIGMA=	8.1	PHAS=	-80.4	FOM=	0.74	TEST=	0
INDE	8	29	67	FOBS=	0.0	SIGMA=	30.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	8	29	69	FOBS=	59.0	SIGMA=	8.3	PHAS=	-158.2	FOM=	0.73	TEST=	0
INDE	8	29	71	FOBS=	121.6	SIGMA=	4.4	PHAS=	171.2	FOM=	0.96	TEST=	0
INDE	8	30	8	FOBS=	131.7	SIGMA=	0.7	PHAS=	53.3	FOM=	0.85	TEST=	0
INDE	8	30	10	FOBS=	117.4	SIGMA=	0.9	PHAS=	155.4	FOM=	0.96	TEST=	0
INDE	8	30	12	FOBS=	53.2	SIGMA=	1.9	PHAS=	55.0	FOM=	0.70	TEST=	0
INDE	8	30	14	FOBS=	105.7	SIGMA=	1.1	PHAS=	169.2	FOM=	0.94	TEST=	0
INDE	8	30	16	FOBS=	179.9	SIGMA=	0.8	PHAS=	-37.7	FOM=	0.96	TEST=	0
INDE	8	30	18	FOBS=	104.7	SIGMA=	1.2	PHAS=	-78.2	FOM=	0.81	TEST=	1
INDE	8	30	20	FOBS=	36.9	SIGMA=	4.0	PHAS=	-153.1	FOM=	0.18	TEST=	0
INDE	8	30	22	FOBS=	523.6	SIGMA=	0.7	PHAS=	48.3	FOM=	0.98	TEST=	0
INDE	8	30	24	FOBS=	338.8	SIGMA=	0.6	PHAS=	146.0	FOM=	0.97	TEST=	0
INDE	8	30	26	FOBS=	57.2	SIGMA=	2.6	PHAS=	-117.7	FOM=	0.94	TEST=	0
INDE	8	30	28	FOBS=	0.0	SIGMA=	18.1	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	8	30	30	FOBS=	71.3	SIGMA=	2.2	PHAS=	-79.3	FOM=	0.95	TEST=	0
INDE	8	30	32	FOBS=	93.4	SIGMA=	1.8	PHAS=	-127.2	FOM=	0.89	TEST=	0
INDE	8	30	34	FOBS=	264.1	SIGMA=	0.8	PHAS=	145.4	FOM=	0.94	TEST=	0
INDE	8	30	36	FOBS=	139.9	SIGMA=	1.4	PHAS=	92.7	FOM=	0.78	TEST=	1
INDE	8	30	38	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	8	30	40	FOBS=	93.7	SIGMA=	2.3	PHAS=	42.6	FOM=	0.89	TEST=	0
INDE	8	30	42	FOBS=	145.4	SIGMA=	1.7	PHAS=	118.4	FOM=	0.80	TEST=	0
INDE	8	30	44	FOBS=	145.8	SIGMA=	1.4	PHAS=	152.1	FOM=	0.95	TEST=	0
INDE	8	30	46	FOBS=	56.9	SIGMA=	3.5	PHAS=	46.3	FOM=	0.29	TEST=	1
INDE	8	30	48	FOBS=	53.6	SIGMA=	3.6	PHAS=	121.5	FOM=	0.73	TEST=	0
INDE	8	30	50	FOBS=	71.9	SIGMA=	2.4	PHAS=	102.9	FOM=	0.45	TEST=	0
INDE	8	30	52	FOBS=	38.5	SIGMA=	4.6	PHAS=	109.6	FOM=	0.48	TEST=	0
INDE	8	30	54	FOBS=	102.6	SIGMA=	1.5	PHAS=	145.6	FOM=	0.91	TEST=	0
INDE	8	30	56	FOBS=	55.6	SIGMA=	2.6	PHAS=	-83.9	FOM=	0.51	TEST=	0
INDE	8	30	58	FOBS=	14.8	SIGMA=	10.4	PHAS=	138.5	FOM=	0.39	TEST=	0
INDE	8	30	60	FOBS=	116.7	SIGMA=	1.5	PHAS=	67.3	FOM=	0.95	TEST=	0
INDE	8	30	62	FOBS=	50.1	SIGMA=	3.7	PHAS=	17.6	FOM=	0.76	TEST=	0
INDE	8	30	64	FOBS=	67.9	SIGMA=	3.4	PHAS=	-114.4	FOM=	0.62	TEST=	0
INDE	8	30	66	FOBS=	27.7	SIGMA=	17.6	PHAS=	-98.1	FOM=	0.44	TEST=	0
INDE	8	30	68	FOBS=	25.2	SIGMA=	19.6	PHAS=	-50.0	FOM=	0.38	TEST=	0
INDE	8	31	9	FOBS=	174.0	SIGMA=	0.6	PHAS=	5.8	FOM=	0.91	TEST=	0
INDE	8	31	11	FOBS=	163.5	SIGMA=	0.8	PHAS=	67.8	FOM=	0.90	TEST=	0
INDE	8	31	13	FOBS=	208.1	SIGMA=	0.7	PHAS=	-86.3	FOM=	0.94	TEST=	0
INDE	8	31	15	FOBS=	23.8	SIGMA=	4.6	PHAS=	38.9	FOM=	0.39	TEST=	0
INDE	8	31	17	FOBS=	58.3	SIGMA=	2.2	PHAS=	-17.4	FOM=	0.44	TEST=	0
INDE	8	31	19	FOBS=	44.6	SIGMA=	2.7	PHAS=	-131.8	FOM=	0.97	TEST=	0
INDE	8	31	21	FOBS=	174.3	SIGMA=	1.1	PHAS=	-86.8	FOM=	0.98	TEST=	0
INDE	8	31	23	FOBS=	258.9	SIGMA=	0.9	PHAS=	11.1	FOM=	0.95	TEST=	0
INDE	8	31	25	FOBS=	107.8	SIGMA=	1.5	PHAS=	-57.8	FOM=	0.91	TEST=	0
INDE	8	31	27	FOBS=	151.5	SIGMA=	1.2	PHAS=	-66.0	FOM=	0.92	TEST=	0
INDE	8	31	29	FOBS=	37.4	SIGMA=	4.1	PHAS=	150.4	FOM=	0.34	TEST=	0
INDE	8	31	31	FOBS=	52.8	SIGMA=	3.2	PHAS=	32.7	FOM=	0.81	TEST=	0
INDE	8	31	33	FOBS=	59.5	SIGMA=	3.3	PHAS=	73.5	FOM=	0.69	TEST=	0
INDE	8	31	35	FOBS=	137.3	SIGMA=	1.6	PHAS=	-13.5	FOM=	0.82	TEST=	0
INDE	8	31	37	FOBS=	167.7	SIGMA=	1.2	PHAS=	113.1	FOM=	0.97	TEST=	0
INDE	8	31	39	FOBS=	53.2	SIGMA=	3.6	PHAS=	37.2	FOM=	0.70	TEST=	0
INDE	8	31	41	FOBS=	122.2	SIGMA=	1.6	PHAS=	-86.1	FOM=	0.95	TEST=	0
INDE	8	31	43	FOBS=	146.7	SIGMA=	1.6	PHAS=	124.6	FOM=	0.87	TEST=	0
INDE	8	31	45	FOBS=	50.8	SIGMA=	3.9	PHAS=	20.7	FOM=	0.92	TEST=	0
INDE	8	31	47	FOBS=	70.5	SIGMA=	2.8	PHAS=	35.6	FOM=	0.82	TEST=	0
INDE	8	31	49	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	8	31	51	FOBS=	108.5	SIGMA=	1.7	PHAS=	179.4	FOM=	0.51	TEST=	1
INDE	8	31	53	FOBS=	147.1	SIGMA=	1.2	PHAS=	31.3	FOM=	0.94	TEST=	0
INDE	8	31	55	FOBS=	73.2	SIGMA=	2.1	PHAS=	-173.1	FOM=	0.73	TEST=	0
INDE	8	31	57	FOBS=	47.0	SIGMA=	3.3	PHAS=	118.5	FOM=	0.64	TEST=	0
INDE	8	31	59	FOBS=	54.4	SIGMA=	3.2	PHAS=	42.6	FOM=	0.84	TEST=	0
INDE	8	31	61	FOBS=	96.7	SIGMA=	1.8	PHAS=	-20.7	FOM=	0.90	TEST=	0
INDE	8	31	63	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	31	65	FOBS=	0.0	SIGMA=	31.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	31	67	FOBS=	0.0	SIGMA=	31.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	31	69	FOBS=	82.6	SIGMA=	6.2	PHAS=	-110.7	FOM=	0.58	TEST=	0
INDE	8	32	8	FOBS=	72.6	SIGMA=	1.5	PHAS=	-72.2	FOM=	0.92	TEST=	1
INDE	8	32	10	FOBS=	141.9	SIGMA=	0.8	PHAS=	-79.6	FOM=	0.65	TEST=	0
INDE	8	32	12	FOBS=	141.1	SIGMA=	0.9	PHAS=	1.4	FOM=	0.96	TEST=	0
INDE	8	32	14	FOBS=	217.1	SIGMA=	0.7	PHAS=	-152.5	FOM=	0.98	TEST=	0
INDE	8	32	16	FOBS=	326.1	SIGMA=	0.6	PHAS=	-97.4	FOM=	0.99	TEST=	0
INDE	8	32	18	FOBS=	72.1	SIGMA=	1.9	PHAS=	-168.8	FOM=	0.76	TEST=	0
INDE	8	32	20	FOBS=	76.8	SIGMA=	1.7	PHAS=	16.5	FOM=	0.65	TEST=	0
INDE	8	32	22	FOBS=	236.8	SIGMA=	0.9	PHAS=	-66.0	FOM=	0.96	TEST=	0
INDE	8	32	24	FOBS=	151.7	SIGMA=	1.3	PHAS=	150.3	FOM=	0.96	TEST=	0
INDE	8	32	26	FOBS=	259.6	SIGMA=	0.8	PHAS=	85.0	FOM=	0.88	TEST=	0
INDE	8	32	28	FOBS=	156.7	SIGMA=	1.2	PHAS=	122.5	FOM=	0.60	TEST=	0
INDE	8	32	30	FOBS=	120.6	SIGMA=	1.4	PHAS=	-68.9	FOM=	0.81	TEST=	0
INDE	8	32	32	FOBS=	107.5	SIGMA=	1.7	PHAS=	124.3	FOM=	0.59	TEST=	0
INDE	8	32	34	FOBS=	248.5	SIGMA=	0.9	PHAS=	141.6	FOM=	0.96	TEST=	0
INDE	8	32	36	FOBS=	324.8	SIGMA=	1.2	PHAS=	83.2	FOM=	0.98	TEST=	0
INDE	8	32	38	FOBS=	8.9	SIGMA=	24.2	PHAS=	19.3	FOM=	0.07	TEST=	0
INDE	8	32	40	FOBS=	174.6	SIGMA=	1.2	PHAS=	-32.4	FOM=	0.94	TEST=	0
INDE	8	32	42	FOBS=	184.2	SIGMA=	1.1	PHAS=	90.9	FOM=	0.91	TEST=	0
INDE	8	32	44	FOBS=	86.6	SIGMA=	2.6	PHAS=	-84.9	FOM=	0.75	TEST=	0

INDE	8	32	46	FOBS=	95.0	SIGMA=	2.4	PHAS=	-74.0	FOM=	0.94	TEST=	0
INDE	8	32	48	FOBS=	61.9	SIGMA=	3.1	PHAS=	-156.9	FOM=	0.34	TEST=	1
INDE	8	32	50	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	32	52	FOBS=	92.4	SIGMA=	2.1	PHAS=	-124.2	FOM=	0.45	TEST=	1
INDE	8	32	54	FOBS=	84.7	SIGMA=	2.1	PHAS=	-166.5	FOM=	0.92	TEST=	0
INDE	8	32	56	FOBS=	43.4	SIGMA=	3.7	PHAS=	91.8	FOM=	0.82	TEST=	0
INDE	8	32	58	FOBS=	57.2	SIGMA=	2.9	PHAS=	-14.7	FOM=	0.48	TEST=	0
INDE	8	32	60	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	32	62	FOBS=	55.3	SIGMA=	3.1	PHAS=	-119.2	FOM=	0.32	TEST=	0
INDE	8	32	64	FOBS=	75.5	SIGMA=	2.4	PHAS=	101.9	FOM=	0.88	TEST=	0
INDE	8	32	66	FOBS=	40.5	SIGMA=	9.0	PHAS=	144.4	FOM=	0.46	TEST=	0
INDE	8	32	68	FOBS=	25.6	SIGMA=	19.5	PHAS=	-34.8	FOM=	0.21	TEST=	0
INDE	8	32	70	FOBS=	44.6	SIGMA=	11.7	PHAS=	130.9	FOM=	0.50	TEST=	0
INDE	8	33	9	FOBS=	104.8	SIGMA=	0.9	PHAS=	-11.1	FOM=	0.96	TEST=	0
INDE	8	33	11	FOBS=	87.9	SIGMA=	1.3	PHAS=	134.7	FOM=	0.93	TEST=	0
INDE	8	33	13	FOBS=	164.7	SIGMA=	0.8	PHAS=	-88.4	FOM=	0.47	TEST=	1
INDE	8	33	15	FOBS=	230.1	SIGMA=	0.8	PHAS=	-96.5	FOM=	0.33	TEST=	1
INDE	8	33	17	FOBS=	106.9	SIGMA=	1.2	PHAS=	167.5	FOM=	0.87	TEST=	0
INDE	8	33	19	FOBS=	185.9	SIGMA=	0.8	PHAS=	-104.2	FOM=	0.92	TEST=	0
INDE	8	33	21	FOBS=	292.6	SIGMA=	0.7	PHAS=	-161.9	FOM=	0.98	TEST=	1
INDE	8	33	23	FOBS=	162.8	SIGMA=	1.3	PHAS=	-18.6	FOM=	0.94	TEST=	0
INDE	8	33	25	FOBS=	182.2	SIGMA=	1.2	PHAS=	-24.2	FOM=	0.65	TEST=	1
INDE	8	33	27	FOBS=	222.1	SIGMA=	0.9	PHAS=	0.3	FOM=	0.96	TEST=	0
INDE	8	33	29	FOBS=	99.0	SIGMA=	1.8	PHAS=	-130.4	FOM=	0.87	TEST=	0
INDE	8	33	31	FOBS=	79.0	SIGMA=	2.3	PHAS=	40.2	FOM=	0.84	TEST=	1
INDE	8	33	33	FOBS=	261.1	SIGMA=	0.9	PHAS=	86.7	FOM=	0.96	TEST=	0
INDE	8	33	35	FOBS=	278.2	SIGMA=	0.9	PHAS=	-44.8	FOM=	0.98	TEST=	0
INDE	8	33	37	FOBS=	221.7	SIGMA=	1.3	PHAS=	67.6	FOM=	0.95	TEST=	0
INDE	8	33	39	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	33	41	FOBS=	90.9	SIGMA=	2.1	PHAS=	2.9	FOM=	0.71	TEST=	1
INDE	8	33	43	FOBS=	44.1	SIGMA=	4.3	PHAS=	-149.5	FOM=	0.84	TEST=	0
INDE	8	33	45	FOBS=	177.2	SIGMA=	1.4	PHAS=	141.6	FOM=	0.97	TEST=	0
INDE	8	33	47	FOBS=	108.8	SIGMA=	2.1	PHAS=	127.2	FOM=	0.85	TEST=	0
INDE	8	33	49	FOBS=	84.5	SIGMA=	2.5	PHAS=	-81.5	FOM=	0.84	TEST=	0
INDE	8	33	51	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	33	53	FOBS=	61.1	SIGMA=	3.1	PHAS=	65.1	FOM=	0.86	TEST=	0
INDE	8	33	55	FOBS=	90.0	SIGMA=	2.0	PHAS=	170.5	FOM=	0.86	TEST=	0
INDE	8	33	57	FOBS=	27.6	SIGMA=	6.3	PHAS=	71.1	FOM=	0.40	TEST=	1
INDE	8	33	59	FOBS=	24.2	SIGMA=	7.6	PHAS=	-150.3	FOM=	0.43	TEST=	0
INDE	8	33	61	FOBS=	64.6	SIGMA=	2.7	PHAS=	133.0	FOM=	0.61	TEST=	0
INDE	8	33	63	FOBS=	66.0	SIGMA=	2.6	PHAS=	-27.0	FOM=	0.85	TEST=	0
INDE	8	33	65	FOBS=	34.7	SIGMA=	6.2	PHAS=	11.7	FOM=	0.71	TEST=	0
INDE	8	33	67	FOBS=	0.0	SIGMA=	26.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	33	69	FOBS=	7.0	SIGMA=	73.7	PHAS=	47.6	FOM=	0.20	TEST=	0
INDE	8	34	8	FOBS=	329.9	SIGMA=	0.7	PHAS=	-112.7	FOM=	0.94	TEST=	0
INDE	8	34	10	FOBS=	237.3	SIGMA=	0.7	PHAS=	34.1	FOM=	0.97	TEST=	0
INDE	8	34	12	FOBS=	31.5	SIGMA=	3.7	PHAS=	164.2	FOM=	0.19	TEST=	0
INDE	8	34	14	FOBS=	330.5	SIGMA=	0.7	PHAS=	-126.4	FOM=	0.95	TEST=	0
INDE	8	34	16	FOBS=	135.7	SIGMA=	1.0	PHAS=	-127.7	FOM=	0.95	TEST=	0
INDE	8	34	18	FOBS=	284.3	SIGMA=	0.8	PHAS=	-145.3	FOM=	0.97	TEST=	0
INDE	8	34	20	FOBS=	280.7	SIGMA=	0.7	PHAS=	142.3	FOM=	0.88	TEST=	0
INDE	8	34	22	FOBS=	248.3	SIGMA=	1.0	PHAS=	-139.2	FOM=	0.97	TEST=	0
INDE	8	34	24	FOBS=	104.9	SIGMA=	2.0	PHAS=	-145.6	FOM=	0.97	TEST=	0
INDE	8	34	26	FOBS=	344.3	SIGMA=	0.8	PHAS=	-29.4	FOM=	0.96	TEST=	0
INDE	8	34	28	FOBS=	74.3	SIGMA=	2.5	PHAS=	-165.1	FOM=	0.92	TEST=	0
INDE	8	34	30	FOBS=	46.8	SIGMA=	3.8	PHAS=	-33.9	FOM=	0.82	TEST=	0
INDE	8	34	32	FOBS=	125.2	SIGMA=	1.6	PHAS=	-11.9	FOM=	0.93	TEST=	0
INDE	8	34	34	FOBS=	63.5	SIGMA=	3.3	PHAS=	165.8	FOM=	0.12	TEST=	0
INDE	8	34	36	FOBS=	82.1	SIGMA=	2.5	PHAS=	-33.8	FOM=	0.83	TEST=	0
INDE	8	34	38	FOBS=	100.5	SIGMA=	2.1	PHAS=	14.2	FOM=	0.43	TEST=	1
INDE	8	34	40	FOBS=	98.4	SIGMA=	2.0	PHAS=	-51.6	FOM=	0.91	TEST=	0
INDE	8	34	42	FOBS=	60.7	SIGMA=	3.0	PHAS=	0.0	FOM=	0.82	TEST=	0
INDE	8	34	44	FOBS=	71.7	SIGMA=	2.5	PHAS=	-14.6	FOM=	0.93	TEST=	0
INDE	8	34	46	FOBS=	210.6	SIGMA=	1.2	PHAS=	16.0	FOM=	0.97	TEST=	0
INDE	8	34	48	FOBS=	182.6	SIGMA=	1.3	PHAS=	70.7	FOM=	0.91	TEST=	0
INDE	8	34	50	FOBS=	89.6	SIGMA=	2.5	PHAS=	-70.1	FOM=	0.86	TEST=	0
INDE	8	34	52	FOBS=	125.3	SIGMA=	1.6	PHAS=	-14.7	FOM=	0.80	TEST=	0
INDE	8	34	54	FOBS=	70.3	SIGMA=	2.8	PHAS=	88.2	FOM=	0.30	TEST=	1
INDE	8	34	56	FOBS=	148.4	SIGMA=	1.3	PHAS=	121.3	FOM=	0.95	TEST=	0
INDE	8	34	58	FOBS=	39.2	SIGMA=	4.4	PHAS=	48.0	FOM=	0.55	TEST=	0

INDE	8	34	60	FOBS=	54.6	SIGMA=	3.2	PHAS=	162.8	FOM=	0.81	TEST=	0
INDE	8	34	62	FOBS=	66.7	SIGMA=	2.7	PHAS=	143.6	FOM=	0.21	TEST=	1
INDE	8	34	64	FOBS=	38.5	SIGMA=	4.5	PHAS=	69.6	FOM=	0.84	TEST=	0
INDE	8	34	66	FOBS=	78.5	SIGMA=	2.5	PHAS=	-61.9	FOM=	0.88	TEST=	0
INDE	8	34	68	FOBS=	106.3	SIGMA=	2.5	PHAS=	-54.2	FOM=	0.95	TEST=	0
INDE	8	35	9	FOBS=	250.3	SIGMA=	0.7	PHAS=	-39.0	FOM=	0.94	TEST=	0
INDE	8	35	11	FOBS=	77.5	SIGMA=	2.1	PHAS=	109.1	FOM=	0.96	TEST=	0
INDE	8	35	13	FOBS=	210.9	SIGMA=	0.7	PHAS=	157.6	FOM=	0.98	TEST=	0
INDE	8	35	15	FOBS=	236.9	SIGMA=	0.8	PHAS=	140.1	FOM=	0.96	TEST=	0
INDE	8	35	17	FOBS=	404.7	SIGMA=	0.6	PHAS=	117.5	FOM=	0.96	TEST=	0
INDE	8	35	19	FOBS=	253.4	SIGMA=	0.9	PHAS=	-177.5	FOM=	0.97	TEST=	0
INDE	8	35	21	FOBS=	378.4	SIGMA=	0.7	PHAS=	109.1	FOM=	0.97	TEST=	0
INDE	8	35	23	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	35	25	FOBS=	276.5	SIGMA=	1.0	PHAS=	-97.0	FOM=	0.95	TEST=	0
INDE	8	35	27	FOBS=	61.5	SIGMA=	3.6	PHAS=	-92.0	FOM=	0.89	TEST=	0
INDE	8	35	29	FOBS=	113.3	SIGMA=	2.2	PHAS=	-142.4	FOM=	0.90	TEST=	0
INDE	8	35	31	FOBS=	182.9	SIGMA=	1.1	PHAS=	-24.7	FOM=	0.96	TEST=	0
INDE	8	35	33	FOBS=	98.7	SIGMA=	2.1	PHAS=	108.2	FOM=	0.63	TEST=	0
INDE	8	35	35	FOBS=	101.4	SIGMA=	2.0	PHAS=	-106.8	FOM=	0.74	TEST=	1
INDE	8	35	37	FOBS=	121.5	SIGMA=	1.7	PHAS=	105.8	FOM=	0.82	TEST=	0
INDE	8	35	39	FOBS=	150.0	SIGMA=	1.3	PHAS=	-115.2	FOM=	0.92	TEST=	0
INDE	8	35	41	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	35	43	FOBS=	101.2	SIGMA=	1.9	PHAS=	-113.4	FOM=	0.89	TEST=	0
INDE	8	35	45	FOBS=	19.6	SIGMA=	9.2	PHAS=	-159.3	FOM=	0.41	TEST=	0
INDE	8	35	47	FOBS=	112.8	SIGMA=	2.0	PHAS=	-21.2	FOM=	0.85	TEST=	0
INDE	8	35	49	FOBS=	40.5	SIGMA=	5.9	PHAS=	-99.4	FOM=	0.51	TEST=	0
INDE	8	35	51	FOBS=	40.0	SIGMA=	5.4	PHAS=	-35.8	FOM=	0.54	TEST=	0
INDE	8	35	53	FOBS=	59.0	SIGMA=	3.6	PHAS=	-38.0	FOM=	0.82	TEST=	0
INDE	8	35	55	FOBS=	84.3	SIGMA=	2.2	PHAS=	46.1	FOM=	0.89	TEST=	0
INDE	8	35	57	FOBS=	62.2	SIGMA=	2.9	PHAS=	164.8	FOM=	0.69	TEST=	0
INDE	8	35	59	FOBS=	41.0	SIGMA=	4.5	PHAS=	60.6	FOM=	0.23	TEST=	0
INDE	8	35	61	FOBS=	97.4	SIGMA=	1.9	PHAS=	81.5	FOM=	0.92	TEST=	0
INDE	8	35	63	FOBS=	65.7	SIGMA=	2.7	PHAS=	2.3	FOM=	0.87	TEST=	0
INDE	8	35	65	FOBS=	87.8	SIGMA=	2.2	PHAS=	-32.3	FOM=	0.63	TEST=	0
INDE	8	35	67	FOBS=	107.7	SIGMA=	2.2	PHAS=	-148.6	FOM=	0.96	TEST=	0
INDE	8	36	8	FOBS=	462.0	SIGMA=	0.8	PHAS=	141.8	FOM=	0.96	TEST=	0
INDE	8	36	10	FOBS=	293.9	SIGMA=	0.6	PHAS=	32.9	FOM=	0.98	TEST=	0
INDE	8	36	12	FOBS=	290.8	SIGMA=	0.7	PHAS=	117.1	FOM=	0.93	TEST=	0
INDE	8	36	14	FOBS=	194.0	SIGMA=	0.8	PHAS=	4.3	FOM=	0.96	TEST=	0
INDE	8	36	16	FOBS=	237.1	SIGMA=	0.9	PHAS=	22.8	FOM=	0.96	TEST=	0
INDE	8	36	18	FOBS=	343.3	SIGMA=	0.8	PHAS=	-32.7	FOM=	0.94	TEST=	0
INDE	8	36	20	FOBS=	242.9	SIGMA=	1.0	PHAS=	36.0	FOM=	0.97	TEST=	0
INDE	8	36	22	FOBS=	213.9	SIGMA=	0.9	PHAS=	50.5	FOM=	0.96	TEST=	0
INDE	8	36	24	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	36	26	FOBS=	196.8	SIGMA=	1.3	PHAS=	-21.7	FOM=	0.90	TEST=	0
INDE	8	36	28	FOBS=	93.3	SIGMA=	2.2	PHAS=	22.5	FOM=	0.77	TEST=	0
INDE	8	36	30	FOBS=	164.4	SIGMA=	1.4	PHAS=	-114.9	FOM=	0.88	TEST=	0
INDE	8	36	32	FOBS=	38.3	SIGMA=	5.2	PHAS=	115.8	FOM=	0.20	TEST=	1
INDE	8	36	34	FOBS=	226.3	SIGMA=	1.0	PHAS=	-156.2	FOM=	0.95	TEST=	1
INDE	8	36	36	FOBS=	8.9	SIGMA=	21.8	PHAS=	19.0	FOM=	0.02	TEST=	1
INDE	8	36	38	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	36	40	FOBS=	66.6	SIGMA=	2.8	PHAS=	-135.6	FOM=	0.92	TEST=	0
INDE	8	36	42	FOBS=	180.0	SIGMA=	1.1	PHAS=	100.9	FOM=	0.91	TEST=	0
INDE	8	36	44	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	36	46	FOBS=	82.3	SIGMA=	2.2	PHAS=	5.5	FOM=	0.82	TEST=	0
INDE	8	36	48	FOBS=	50.5	SIGMA=	4.4	PHAS=	125.5	FOM=	0.46	TEST=	0
INDE	8	36	50	FOBS=	81.1	SIGMA=	2.7	PHAS=	-109.2	FOM=	0.88	TEST=	0
INDE	8	36	52	FOBS=	5.2	SIGMA=	44.3	PHAS=	142.1	FOM=	0.07	TEST=	0
INDE	8	36	54	FOBS=	41.1	SIGMA=	5.6	PHAS=	-123.2	FOM=	0.66	TEST=	0
INDE	8	36	56	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	36	58	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	36	60	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	36	62	FOBS=	0.0	SIGMA=	18.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	36	64	FOBS=	50.0	SIGMA=	3.6	PHAS=	41.9	FOM=	0.82	TEST=	0
INDE	8	36	66	FOBS=	63.8	SIGMA=	3.3	PHAS=	54.1	FOM=	0.93	TEST=	0
INDE	8	36	68	FOBS=	54.9	SIGMA=	5.8	PHAS=	52.3	FOM=	0.30	TEST=	1
INDE	8	37	9	FOBS=	162.2	SIGMA=	0.9	PHAS=	15.6	FOM=	0.96	TEST=	0
INDE	8	37	11	FOBS=	231.0	SIGMA=	0.8	PHAS=	-96.3	FOM=	0.87	TEST=	0
INDE	8	37	13	FOBS=	185.4	SIGMA=	0.9	PHAS=	26.2	FOM=	0.95	TEST=	0
INDE	8	37	15	FOBS=	205.0	SIGMA=	0.8	PHAS=	-136.7	FOM=	0.94	TEST=	0

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INDE	8	37	17	FOBS=	382.7	SIGMA=	0.6	PHAS=	-142.2	FOM=	0.96	TEST=	0
INDE	8	37	19	FOBS=	417.9	SIGMA=	0.7	PHAS=	-139.6	FOM=	0.95	TEST=	0
INDE	8	37	21	FOBS=	274.8	SIGMA=	0.8	PHAS=	-83.7	FOM=	0.94	TEST=	0
INDE	8	37	23	FOBS=	244.6	SIGMA=	0.8	PHAS=	38.4	FOM=	0.85	TEST=	0
INDE	8	37	25	FOBS=	278.7	SIGMA=	1.0	PHAS=	-89.2	FOM=	0.88	TEST=	0
INDE	8	37	27	FOBS=	295.0	SIGMA=	1.0	PHAS=	-82.4	FOM=	0.94	TEST=	1
INDE	8	37	29	FOBS=	98.7	SIGMA=	2.2	PHAS=	-136.1	FOM=	0.63	TEST=	0
INDE	8	37	31	FOBS=	166.3	SIGMA=	1.4	PHAS=	-60.9	FOM=	0.65	TEST=	0
INDE	8	37	33	FOBS=	104.7	SIGMA=	1.9	PHAS=	73.2	FOM=	0.63	TEST=	0
INDE	8	37	35	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	37	37	FOBS=	40.6	SIGMA=	4.7	PHAS=	-51.8	FOM=	0.30	TEST=	0
INDE	8	37	39	FOBS=	136.7	SIGMA=	1.5	PHAS=	-97.8	FOM=	0.96	TEST=	0
INDE	8	37	41	FOBS=	140.8	SIGMA=	1.4	PHAS=	81.8	FOM=	0.90	TEST=	0
INDE	8	37	43	FOBS=	44.8	SIGMA=	4.1	PHAS=	107.6	FOM=	0.32	TEST=	0
INDE	8	37	45	FOBS=	123.3	SIGMA=	1.5	PHAS=	-29.5	FOM=	0.92	TEST=	0
INDE	8	37	47	FOBS=	112.6	SIGMA=	1.7	PHAS=	-45.0	FOM=	0.86	TEST=	1
INDE	8	37	49	FOBS=	101.0	SIGMA=	2.2	PHAS=	137.7	FOM=	0.88	TEST=	0
INDE	8	37	51	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	37	53	FOBS=	49.7	SIGMA=	4.3	PHAS=	-28.0	FOM=	0.71	TEST=	0
INDE	8	37	55	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	37	57	FOBS=	36.2	SIGMA=	4.9	PHAS=	175.9	FOM=	0.71	TEST=	0
INDE	8	37	59	FOBS=	105.0	SIGMA=	1.8	PHAS=	123.3	FOM=	0.76	TEST=	0
INDE	8	37	61	FOBS=	46.7	SIGMA=	3.8	PHAS=	-100.4	FOM=	0.51	TEST=	0
INDE	8	37	63	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	37	65	FOBS=	88.2	SIGMA=	2.1	PHAS=	-47.1	FOM=	0.89	TEST=	0
INDE	8	37	67	FOBS=	97.5	SIGMA=	2.5	PHAS=	-56.2	FOM=	0.95	TEST=	0
INDE	8	38	8	FOBS=	138.5	SIGMA=	1.1	PHAS=	-71.6	FOM=	0.92	TEST=	1
INDE	8	38	10	FOBS=	114.9	SIGMA=	1.4	PHAS=	-120.4	FOM=	0.43	TEST=	0
INDE	8	38	12	FOBS=	122.6	SIGMA=	1.2	PHAS=	-139.5	FOM=	0.93	TEST=	0
INDE	8	38	14	FOBS=	53.3	SIGMA=	2.7	PHAS=	44.2	FOM=	0.82	TEST=	0
INDE	8	38	16	FOBS=	279.2	SIGMA=	0.9	PHAS=	149.2	FOM=	0.84	TEST=	0
INDE	8	38	18	FOBS=	204.3	SIGMA=	0.9	PHAS=	126.2	FOM=	0.94	TEST=	0
INDE	8	38	20	FOBS=	290.9	SIGMA=	0.8	PHAS=	164.0	FOM=	0.97	TEST=	0
INDE	8	38	22	FOBS=	190.8	SIGMA=	1.0	PHAS=	135.3	FOM=	0.98	TEST=	0
INDE	8	38	24	FOBS=	290.5	SIGMA=	0.8	PHAS=	-77.5	FOM=	0.95	TEST=	0
INDE	8	38	26	FOBS=	144.1	SIGMA=	1.8	PHAS=	51.7	FOM=	0.67	TEST=	0
INDE	8	38	28	FOBS=	176.9	SIGMA=	1.6	PHAS=	174.6	FOM=	0.89	TEST=	0
INDE	8	38	30	FOBS=	44.4	SIGMA=	5.1	PHAS=	-54.1	FOM=	0.30	TEST=	1
INDE	8	38	32	FOBS=	131.8	SIGMA=	1.6	PHAS=	-141.6	FOM=	0.81	TEST=	0
INDE	8	38	34	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	38	36	FOBS=	204.2	SIGMA=	1.1	PHAS=	-154.6	FOM=	0.94	TEST=	0
INDE	8	38	38	FOBS=	157.2	SIGMA=	1.3	PHAS=	63.8	FOM=	0.83	TEST=	0
INDE	8	38	40	FOBS=	37.9	SIGMA=	5.2	PHAS=	99.2	FOM=	0.23	TEST=	0
INDE	8	38	42	FOBS=	63.9	SIGMA=	2.9	PHAS=	22.2	FOM=	0.86	TEST=	0
INDE	8	38	44	FOBS=	60.6	SIGMA=	3.1	PHAS=	-146.3	FOM=	0.78	TEST=	0
INDE	8	38	46	FOBS=	128.8	SIGMA=	1.5	PHAS=	-140.9	FOM=	0.94	TEST=	0
INDE	8	38	48	FOBS=	42.8	SIGMA=	4.4	PHAS=	10.8	FOM=	0.59	TEST=	0
INDE	8	38	50	FOBS=	4.7	SIGMA=	67.1	PHAS=	0.3	FOM=	0.02	TEST=	0
INDE	8	38	52	FOBS=	24.1	SIGMA=	9.0	PHAS=	31.2	FOM=	0.12	TEST=	0
INDE	8	38	54	FOBS=	63.0	SIGMA=	3.4	PHAS=	-87.0	FOM=	0.18	TEST=	1
INDE	8	38	56	FOBS=	20.0	SIGMA=	9.7	PHAS=	-100.0	FOM=	0.23	TEST=	0
INDE	8	38	58	FOBS=	91.2	SIGMA=	2.0	PHAS=	59.1	FOM=	0.92	TEST=	0
INDE	8	38	60	FOBS=	35.5	SIGMA=	5.4	PHAS=	157.0	FOM=	0.61	TEST=	0
INDE	8	38	62	FOBS=	47.3	SIGMA=	3.8	PHAS=	-67.3	FOM=	0.68	TEST=	0
INDE	8	38	64	FOBS=	71.1	SIGMA=	2.6	PHAS=	114.4	FOM=	0.24	TEST=	0
INDE	8	38	66	FOBS=	37.8	SIGMA=	6.2	PHAS=	-159.9	FOM=	0.56	TEST=	0
INDE	8	39	9	FOBS=	176.4	SIGMA=	0.9	PHAS=	-18.9	FOM=	0.95	TEST=	0
INDE	8	39	11	FOBS=	117.0	SIGMA=	1.3	PHAS=	118.1	FOM=	0.95	TEST=	0
INDE	8	39	13	FOBS=	210.5	SIGMA=	0.8	PHAS=	-51.5	FOM=	0.92	TEST=	0
INDE	8	39	15	FOBS=	28.1	SIGMA=	5.6	PHAS=	157.7	FOM=	0.15	TEST=	1
INDE	8	39	17	FOBS=	111.0	SIGMA=	1.5	PHAS=	176.2	FOM=	0.85	TEST=	0
INDE	8	39	19	FOBS=	357.9	SIGMA=	0.7	PHAS=	30.4	FOM=	0.99	TEST=	0
INDE	8	39	21	FOBS=	241.9	SIGMA=	0.9	PHAS=	55.8	FOM=	0.96	TEST=	0
INDE	8	39	23	FOBS=	65.5	SIGMA=	2.9	PHAS=	-140.9	FOM=	0.94	TEST=	0
INDE	8	39	25	FOBS=	57.3	SIGMA=	4.4	PHAS=	-56.4	FOM=	0.84	TEST=	0
INDE	8	39	27	FOBS=	263.5	SIGMA=	1.1	PHAS=	-94.1	FOM=	0.97	TEST=	0
INDE	8	39	29	FOBS=	68.9	SIGMA=	3.8	PHAS=	-164.1	FOM=	0.27	TEST=	0
INDE	8	39	31	FOBS=	26.8	SIGMA=	9.1	PHAS=	150.7	FOM=	0.53	TEST=	0
INDE	8	39	33	FOBS=	52.8	SIGMA=	4.1	PHAS=	89.7	FOM=	0.82	TEST=	0
INDE	8	39	35	FOBS=	110.0	SIGMA=	1.8	PHAS=	103.7	FOM=	0.85	TEST=	0

INDE	8	39	37	FOBS=	232.1	SIGMA=	0.9	PHAS=	82.6	FOM=	0.97	TEST=	0
INDE	8	39	39	FOBS=	117.7	SIGMA=	1.7	PHAS=	-114.6	FOM=	0.91	TEST=	1
INDE	8	39	41	FOBS=	31.5	SIGMA=	7.1	PHAS=	-47.5	FOM=	0.59	TEST=	0
INDE	8	39	43	FOBS=	45.3	SIGMA=	4.4	PHAS=	-175.5	FOM=	0.70	TEST=	0
INDE	8	39	45	FOBS=	146.6	SIGMA=	1.3	PHAS=	112.2	FOM=	0.92	TEST=	0
INDE	8	39	47	FOBS=	87.2	SIGMA=	2.1	PHAS=	-122.3	FOM=	0.51	TEST=	0
INDE	8	39	49	FOBS=	10.8	SIGMA=	21.3	PHAS=	-160.8	FOM=	0.00	TEST=	1
INDE	8	39	51	FOBS=	83.5	SIGMA=	2.7	PHAS=	-138.9	FOM=	0.85	TEST=	0
INDE	8	39	53	FOBS=	69.8	SIGMA=	3.1	PHAS=	-61.2	FOM=	0.90	TEST=	0
INDE	8	39	55	FOBS=	7.3	SIGMA=	31.6	PHAS=	-72.9	FOM=	0.18	TEST=	0
INDE	8	39	57	FOBS=	72.4	SIGMA=	2.6	PHAS=	0.0	FOM=	0.77	TEST=	0
INDE	8	39	59	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	39	61	FOBS=	33.1	SIGMA=	5.4	PHAS=	-135.9	FOM=	0.55	TEST=	0
INDE	8	39	63	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	39	65	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	40	8	FOBS=	116.2	SIGMA=	1.4	PHAS=	-146.5	FOM=	0.42	TEST=	0
INDE	8	40	10	FOBS=	204.5	SIGMA=	1.2	PHAS=	-110.0	FOM=	0.99	TEST=	0
INDE	8	40	12	FOBS=	216.6	SIGMA=	1.0	PHAS=	-46.4	FOM=	0.94	TEST=	0
INDE	8	40	14	FOBS=	178.5	SIGMA=	1.0	PHAS=	-171.2	FOM=	0.96	TEST=	0
INDE	8	40	16	FOBS=	221.3	SIGMA=	0.9	PHAS=	146.3	FOM=	0.94	TEST=	0
INDE	8	40	18	FOBS=	226.6	SIGMA=	0.9	PHAS=	-71.1	FOM=	0.99	TEST=	0
INDE	8	40	20	FOBS=	355.3	SIGMA=	0.8	PHAS=	-42.0	FOM=	0.96	TEST=	0
INDE	8	40	22	FOBS=	149.6	SIGMA=	1.4	PHAS=	-94.6	FOM=	0.87	TEST=	0
INDE	8	40	24	FOBS=	98.1	SIGMA=	2.1	PHAS=	-151.9	FOM=	0.90	TEST=	0
INDE	8	40	26	FOBS=	143.1	SIGMA=	1.9	PHAS=	43.1	FOM=	0.79	TEST=	0
INDE	8	40	28	FOBS=	305.7	SIGMA=	1.0	PHAS=	136.2	FOM=	0.98	TEST=	0
INDE	8	40	30	FOBS=	84.8	SIGMA=	3.0	PHAS=	158.3	FOM=	0.78	TEST=	0
INDE	8	40	32	FOBS=	231.9	SIGMA=	1.2	PHAS=	-57.0	FOM=	0.96	TEST=	0
INDE	8	40	34	FOBS=	97.6	SIGMA=	2.0	PHAS=	72.8	FOM=	0.82	TEST=	0
INDE	8	40	36	FOBS=	234.5	SIGMA=	0.9	PHAS=	-9.7	FOM=	0.95	TEST=	0
INDE	8	40	38	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	40	40	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	40	42	FOBS=	138.7	SIGMA=	1.4	PHAS=	-93.5	FOM=	0.94	TEST=	0
INDE	8	40	44	FOBS=	177.1	SIGMA=	1.1	PHAS=	73.7	FOM=	0.95	TEST=	0
INDE	8	40	46	FOBS=	164.0	SIGMA=	1.2	PHAS=	145.0	FOM=	0.96	TEST=	0
INDE	8	40	48	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	40	50	FOBS=	58.3	SIGMA=	3.0	PHAS=	98.4	FOM=	0.74	TEST=	0
INDE	8	40	52	FOBS=	92.9	SIGMA=	2.4	PHAS=	-171.6	FOM=	0.95	TEST=	0
INDE	8	40	54	FOBS=	24.9	SIGMA=	8.6	PHAS=	-156.6	FOM=	0.48	TEST=	1
INDE	8	40	56	FOBS=	61.6	SIGMA=	3.1	PHAS=	-98.4	FOM=	0.60	TEST=	0
INDE	8	40	58	FOBS=	88.2	SIGMA=	2.1	PHAS=	-29.5	FOM=	0.54	TEST=	1
INDE	8	40	60	FOBS=	78.7	SIGMA=	2.4	PHAS=	156.2	FOM=	0.93	TEST=	0
INDE	8	40	62	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	40	64	FOBS=	29.5	SIGMA=	8.0	PHAS=	10.5	FOM=	0.29	TEST=	0
INDE	8	40	66	FOBS=	42.7	SIGMA=	6.4	PHAS=	30.7	FOM=	0.78	TEST=	0
INDE	8	41	9	FOBS=	33.5	SIGMA=	5.2	PHAS=	-129.1	FOM=	0.92	TEST=	0
INDE	8	41	11	FOBS=	43.9	SIGMA=	4.9	PHAS=	23.2	FOM=	0.71	TEST=	0
INDE	8	41	13	FOBS=	116.2	SIGMA=	1.5	PHAS=	177.9	FOM=	0.81	TEST=	0
INDE	8	41	15	FOBS=	196.9	SIGMA=	1.1	PHAS=	46.9	FOM=	0.91	TEST=	1
INDE	8	41	17	FOBS=	24.9	SIGMA=	9.9	PHAS=	108.2	FOM=	0.11	TEST=	0
INDE	8	41	19	FOBS=	356.5	SIGMA=	0.9	PHAS=	152.5	FOM=	0.96	TEST=	0
INDE	8	41	21	FOBS=	142.1	SIGMA=	1.5	PHAS=	124.4	FOM=	0.88	TEST=	0
INDE	8	41	23	FOBS=	86.0	SIGMA=	2.4	PHAS=	92.6	FOM=	0.36	TEST=	0
INDE	8	41	25	FOBS=	116.8	SIGMA=	1.9	PHAS=	21.9	FOM=	0.35	TEST=	1
INDE	8	41	27	FOBS=	130.4	SIGMA=	2.1	PHAS=	-31.8	FOM=	0.93	TEST=	0
INDE	8	41	29	FOBS=	352.2	SIGMA=	0.9	PHAS=	45.5	FOM=	0.97	TEST=	0
INDE	8	41	31	FOBS=	58.7	SIGMA=	3.7	PHAS=	97.8	FOM=	0.82	TEST=	0
INDE	8	41	33	FOBS=	88.9	SIGMA=	2.5	PHAS=	164.1	FOM=	0.90	TEST=	0
INDE	8	41	35	FOBS=	148.4	SIGMA=	1.4	PHAS=	-96.6	FOM=	0.05	TEST=	1
INDE	8	41	37	FOBS=	74.2	SIGMA=	2.6	PHAS=	-1.4	FOM=	0.85	TEST=	0
INDE	8	41	39	FOBS=	40.4	SIGMA=	4.7	PHAS=	101.9	FOM=	0.44	TEST=	0
INDE	8	41	41	FOBS=	102.9	SIGMA=	1.9	PHAS=	-145.1	FOM=	0.86	TEST=	0
INDE	8	41	43	FOBS=	89.1	SIGMA=	2.1	PHAS=	-103.6	FOM=	0.88	TEST=	0
INDE	8	41	45	FOBS=	136.6	SIGMA=	1.4	PHAS=	3.2	FOM=	0.95	TEST=	0
INDE	8	41	47	FOBS=	44.5	SIGMA=	4.1	PHAS=	39.8	FOM=	0.35	TEST=	0
INDE	8	41	49	FOBS=	48.3	SIGMA=	3.7	PHAS=	74.8	FOM=	0.63	TEST=	1
INDE	8	41	51	FOBS=	52.4	SIGMA=	4.2	PHAS=	-155.9	FOM=	0.76	TEST=	0
INDE	8	41	53	FOBS=	64.0	SIGMA=	3.4	PHAS=	-103.3	FOM=	0.84	TEST=	0
INDE	8	41	55	FOBS=	88.4	SIGMA=	2.5	PHAS=	-18.9	FOM=	0.75	TEST=	0
INDE	8	41	57	FOBS=	52.0	SIGMA=	3.8	PHAS=	-143.0	FOM=	0.89	TEST=	0

INDE	8	41	59	FOBS=	41.1	SIGMA=	5.2	PHAS=	175.2	FOM=	0.37	TEST=	0
INDE	8	41	61	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	41	63	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	8	41	65	FOBS=	93.0	SIGMA=	2.6	PHAS=	-52.6	FOM=	0.89	TEST=	0
INDE	8	42	8	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	42	10	FOBS=	250.8	SIGMA=	1.1	PHAS=	-160.8	FOM=	0.93	TEST=	0
INDE	8	42	12	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	42	14	FOBS=	94.6	SIGMA=	1.9	PHAS=	98.6	FOM=	0.86	TEST=	0
INDE	8	42	16	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	42	18	FOBS=	313.5	SIGMA=	0.8	PHAS=	-14.6	FOM=	0.96	TEST=	0
INDE	8	42	20	FOBS=	180.1	SIGMA=	1.3	PHAS=	-4.6	FOM=	0.86	TEST=	0
INDE	8	42	22	FOBS=	174.9	SIGMA=	1.3	PHAS=	-40.8	FOM=	0.96	TEST=	0
INDE	8	42	24	FOBS=	120.6	SIGMA=	1.8	PHAS=	-75.3	FOM=	0.69	TEST=	0
INDE	8	42	26	FOBS=	44.4	SIGMA=	4.7	PHAS=	62.9	FOM=	0.91	TEST=	0
INDE	8	42	28	FOBS=	91.6	SIGMA=	2.9	PHAS=	14.2	FOM=	0.58	TEST=	1
INDE	8	42	30	FOBS=	268.8	SIGMA=	1.1	PHAS=	-77.5	FOM=	0.94	TEST=	0
INDE	8	42	32	FOBS=	97.3	SIGMA=	2.3	PHAS=	-62.1	FOM=	0.85	TEST=	0
INDE	8	42	34	FOBS=	136.2	SIGMA=	1.6	PHAS=	151.6	FOM=	0.83	TEST=	0
INDE	8	42	36	FOBS=	11.0	SIGMA=	18.3	PHAS=	-105.4	FOM=	0.09	TEST=	0
INDE	8	42	38	FOBS=	143.3	SIGMA=	1.4	PHAS=	-91.4	FOM=	0.97	TEST=	0
INDE	8	42	40	FOBS=	68.6	SIGMA=	2.8	PHAS=	176.6	FOM=	0.84	TEST=	0
INDE	8	42	42	FOBS=	126.3	SIGMA=	1.6	PHAS=	176.0	FOM=	0.92	TEST=	0
INDE	8	42	44	FOBS=	48.2	SIGMA=	3.8	PHAS=	150.7	FOM=	0.91	TEST=	0
INDE	8	42	46	FOBS=	40.7	SIGMA=	4.8	PHAS=	173.5	FOM=	0.71	TEST=	0
INDE	8	42	48	FOBS=	10.9	SIGMA=	17.3	PHAS=	117.9	FOM=	0.44	TEST=	1
INDE	8	42	50	FOBS=	98.7	SIGMA=	1.9	PHAS=	111.9	FOM=	0.46	TEST=	1
INDE	8	42	52	FOBS=	89.0	SIGMA=	2.3	PHAS=	-100.9	FOM=	0.88	TEST=	0
INDE	8	42	54	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	42	56	FOBS=	39.9	SIGMA=	4.7	PHAS=	-18.3	FOM=	0.58	TEST=	0
INDE	8	42	58	FOBS=	95.6	SIGMA=	2.0	PHAS=	32.6	FOM=	0.89	TEST=	0
INDE	8	42	60	FOBS=	32.2	SIGMA=	6.3	PHAS=	34.7	FOM=	0.06	TEST=	1
INDE	8	42	62	FOBS=	40.0	SIGMA=	4.7	PHAS=	-172.2	FOM=	0.50	TEST=	0
INDE	8	42	64	FOBS=	50.1	SIGMA=	4.5	PHAS=	126.6	FOM=	0.51	TEST=	0
INDE	8	43	9	FOBS=	90.6	SIGMA=	1.7	PHAS=	43.7	FOM=	0.96	TEST=	0
INDE	8	43	11	FOBS=	238.1	SIGMA=	1.2	PHAS=	50.4	FOM=	0.98	TEST=	0
INDE	8	43	13	FOBS=	129.4	SIGMA=	1.4	PHAS=	146.5	FOM=	0.94	TEST=	0
INDE	8	43	15	FOBS=	63.2	SIGMA=	3.0	PHAS=	152.2	FOM=	0.61	TEST=	0
INDE	8	43	17	FOBS=	294.7	SIGMA=	0.8	PHAS=	-67.7	FOM=	0.95	TEST=	0
INDE	8	43	19	FOBS=	157.2	SIGMA=	1.4	PHAS=	-156.9	FOM=	0.88	TEST=	0
INDE	8	43	21	FOBS=	250.2	SIGMA=	1.0	PHAS=	-77.0	FOM=	0.88	TEST=	0
INDE	8	43	23	FOBS=	198.6	SIGMA=	1.2	PHAS=	-113.6	FOM=	0.92	TEST=	0
INDE	8	43	25	FOBS=	144.6	SIGMA=	1.5	PHAS=	93.0	FOM=	0.86	TEST=	0
INDE	8	43	27	FOBS=	248.3	SIGMA=	1.0	PHAS=	18.6	FOM=	0.94	TEST=	0
INDE	8	43	29	FOBS=	122.5	SIGMA=	2.1	PHAS=	-106.8	FOM=	0.90	TEST=	0
INDE	8	43	31	FOBS=	164.6	SIGMA=	1.6	PHAS=	146.5	FOM=	0.96	TEST=	0
INDE	8	43	33	FOBS=	73.4	SIGMA=	2.9	PHAS=	162.2	FOM=	0.91	TEST=	1
INDE	8	43	35	FOBS=	111.6	SIGMA=	1.8	PHAS=	99.3	FOM=	0.90	TEST=	1
INDE	8	43	37	FOBS=	59.9	SIGMA=	3.1	PHAS=	92.6	FOM=	0.73	TEST=	0
INDE	8	43	39	FOBS=	285.7	SIGMA=	0.9	PHAS=	134.5	FOM=	0.97	TEST=	0
INDE	8	43	41	FOBS=	105.0	SIGMA=	1.9	PHAS=	113.9	FOM=	0.91	TEST=	0
INDE	8	43	43	FOBS=	46.1	SIGMA=	4.0	PHAS=	86.8	FOM=	0.41	TEST=	0
INDE	8	43	45	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	43	47	FOBS=	34.8	SIGMA=	5.4	PHAS=	-129.9	FOM=	0.70	TEST=	0
INDE	8	43	49	FOBS=	66.1	SIGMA=	2.7	PHAS=	-138.7	FOM=	0.56	TEST=	1
INDE	8	43	51	FOBS=	54.8	SIGMA=	3.6	PHAS=	-130.2	FOM=	0.72	TEST=	0
INDE	8	43	53	FOBS=	35.8	SIGMA=	5.5	PHAS=	-136.1	FOM=	0.47	TEST=	0
INDE	8	43	55	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	43	57	FOBS=	81.3	SIGMA=	2.4	PHAS=	-64.7	FOM=	0.84	TEST=	0
INDE	8	43	59	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	43	61	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	8	43	63	FOBS=	57.5	SIGMA=	3.9	PHAS=	17.6	FOM=	0.87	TEST=	0
INDE	8	44	8	FOBS=	288.2	SIGMA=	0.8	PHAS=	-60.8	FOM=	0.97	TEST=	0
INDE	8	44	10	FOBS=	126.4	SIGMA=	2.1	PHAS=	159.0	FOM=	0.82	TEST=	1
INDE	8	44	12	FOBS=	37.3	SIGMA=	6.8	PHAS=	-12.7	FOM=	0.85	TEST=	0
INDE	8	44	14	FOBS=	68.3	SIGMA=	2.8	PHAS=	-14.8	FOM=	0.78	TEST=	0
INDE	8	44	16	FOBS=	227.6	SIGMA=	1.0	PHAS=	150.0	FOM=	0.94	TEST=	0
INDE	8	44	18	FOBS=	153.4	SIGMA=	1.4	PHAS=	167.5	FOM=	0.80	TEST=	0
INDE	8	44	20	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	44	22	FOBS=	78.1	SIGMA=	2.7	PHAS=	159.1	FOM=	0.74	TEST=	0
INDE	8	44	24	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	8	44	26	FOBS=	194.6	SIGMA=	1.2	PHAS=	-54.9	FOM=	0.95	TEST=	0
INDE	8	44	28	FOBS=	142.6	SIGMA=	1.5	PHAS=	-84.5	FOM=	0.75	TEST=	0
INDE	8	44	30	FOBS=	71.8	SIGMA=	3.5	PHAS=	25.2	FOM=	0.81	TEST=	0
INDE	8	44	32	FOBS=	66.3	SIGMA=	3.7	PHAS=	106.2	FOM=	0.87	TEST=	0
INDE	8	44	34	FOBS=	82.8	SIGMA=	2.6	PHAS=	-112.4	FOM=	0.83	TEST=	0
INDE	8	44	36	FOBS=	88.4	SIGMA=	2.2	PHAS=	45.3	FOM=	0.88	TEST=	0
INDE	8	44	38	FOBS=	108.1	SIGMA=	1.8	PHAS=	80.2	FOM=	0.63	TEST=	0
INDE	8	44	40	FOBS=	90.7	SIGMA=	2.1	PHAS=	61.0	FOM=	0.96	TEST=	0
INDE	8	44	42	FOBS=	58.1	SIGMA=	3.2	PHAS=	-30.5	FOM=	0.16	TEST=	0
INDE	8	44	44	FOBS=	24.2	SIGMA=	9.6	PHAS=	127.5	FOM=	0.40	TEST=	0
INDE	8	44	46	FOBS=	83.7	SIGMA=	2.2	PHAS=	110.0	FOM=	0.83	TEST=	0
INDE	8	44	48	FOBS=	172.9	SIGMA=	1.2	PHAS=	130.4	FOM=	0.96	TEST=	0
INDE	8	44	50	FOBS=	69.1	SIGMA=	2.9	PHAS=	134.2	FOM=	0.84	TEST=	0
INDE	8	44	52	FOBS=	89.2	SIGMA=	2.3	PHAS=	-67.6	FOM=	0.70	TEST=	0
INDE	8	44	54	FOBS=	41.2	SIGMA=	5.7	PHAS=	54.9	FOM=	0.77	TEST=	0
INDE	8	44	56	FOBS=	42.6	SIGMA=	4.5	PHAS=	179.8	FOM=	0.69	TEST=	0
INDE	8	44	58	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	44	60	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	44	62	FOBS=	65.8	SIGMA=	3.5	PHAS=	-117.8	FOM=	0.82	TEST=	0
INDE	8	45	9	FOBS=	96.7	SIGMA=	1.3	PHAS=	-154.4	FOM=	0.56	TEST=	0
INDE	8	45	11	FOBS=	141.3	SIGMA=	1.1	PHAS=	159.0	FOM=	0.81	TEST=	0
INDE	8	45	13	FOBS=	142.2	SIGMA=	1.4	PHAS=	23.6	FOM=	0.86	TEST=	0
INDE	8	45	15	FOBS=	54.5	SIGMA=	3.7	PHAS=	-81.7	FOM=	0.72	TEST=	0
INDE	8	45	17	FOBS=	142.6	SIGMA=	1.5	PHAS=	91.5	FOM=	0.88	TEST=	0
INDE	8	45	19	FOBS=	145.3	SIGMA=	1.5	PHAS=	-29.8	FOM=	0.76	TEST=	0
INDE	8	45	21	FOBS=	147.9	SIGMA=	1.5	PHAS=	81.9	FOM=	0.90	TEST=	0
INDE	8	45	23	FOBS=	58.6	SIGMA=	3.6	PHAS=	-150.1	FOM=	0.89	TEST=	0
INDE	8	45	25	FOBS=	183.1	SIGMA=	1.2	PHAS=	-161.2	FOM=	0.92	TEST=	0
INDE	8	45	27	FOBS=	92.8	SIGMA=	2.2	PHAS=	-128.6	FOM=	0.65	TEST=	0
INDE	8	45	29	FOBS=	127.7	SIGMA=	1.6	PHAS=	-115.0	FOM=	0.94	TEST=	0
INDE	8	45	31	FOBS=	65.5	SIGMA=	3.8	PHAS=	82.9	FOM=	0.39	TEST=	0
INDE	8	45	33	FOBS=	20.0	SIGMA=	12.7	PHAS=	-39.1	FOM=	0.19	TEST=	0
INDE	8	45	35	FOBS=	154.5	SIGMA=	1.5	PHAS=	123.9	FOM=	0.95	TEST=	0
INDE	8	45	37	FOBS=	135.9	SIGMA=	1.5	PHAS=	59.1	FOM=	0.68	TEST=	1
INDE	8	45	39	FOBS=	51.0	SIGMA=	3.7	PHAS=	-161.9	FOM=	0.62	TEST=	0
INDE	8	45	41	FOBS=	61.9	SIGMA=	3.0	PHAS=	-53.2	FOM=	0.80	TEST=	0
INDE	8	45	43	FOBS=	61.5	SIGMA=	3.0	PHAS=	-100.5	FOM=	0.70	TEST=	0
INDE	8	45	45	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	45	47	FOBS=	113.2	SIGMA=	1.7	PHAS=	25.8	FOM=	0.92	TEST=	0
INDE	8	45	49	FOBS=	41.6	SIGMA=	4.4	PHAS=	11.8	FOM=	0.87	TEST=	0
INDE	8	45	51	FOBS=	30.2	SIGMA=	7.3	PHAS=	-90.5	FOM=	0.21	TEST=	0
INDE	8	45	53	FOBS=	96.7	SIGMA=	2.1	PHAS=	-85.2	FOM=	0.92	TEST=	0
INDE	8	45	55	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	45	57	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	45	59	FOBS=	43.1	SIGMA=	4.5	PHAS=	58.0	FOM=	0.20	TEST=	1
INDE	8	45	61	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	8	46	8	FOBS=	154.0	SIGMA=	1.4	PHAS=	-47.6	FOM=	0.95	TEST=	1
INDE	8	46	10	FOBS=	230.4	SIGMA=	0.9	PHAS=	99.2	FOM=	0.96	TEST=	0
INDE	8	46	12	FOBS=	166.8	SIGMA=	1.8	PHAS=	80.0	FOM=	0.91	TEST=	1
INDE	8	46	14	FOBS=	165.3	SIGMA=	1.4	PHAS=	-113.8	FOM=	0.95	TEST=	0
INDE	8	46	16	FOBS=	113.9	SIGMA=	1.8	PHAS=	151.0	FOM=	0.74	TEST=	1
INDE	8	46	18	FOBS=	100.3	SIGMA=	2.1	PHAS=	-119.7	FOM=	0.90	TEST=	0
INDE	8	46	20	FOBS=	213.2	SIGMA=	1.2	PHAS=	48.9	FOM=	0.42	TEST=	1
INDE	8	46	22	FOBS=	121.4	SIGMA=	1.8	PHAS=	-125.1	FOM=	0.57	TEST=	0
INDE	8	46	24	FOBS=	225.2	SIGMA=	1.1	PHAS=	117.2	FOM=	0.94	TEST=	0
INDE	8	46	26	FOBS=	42.7	SIGMA=	5.3	PHAS=	96.7	FOM=	0.29	TEST=	0
INDE	8	46	28	FOBS=	52.7	SIGMA=	3.8	PHAS=	-159.4	FOM=	0.67	TEST=	0
INDE	8	46	30	FOBS=	66.4	SIGMA=	3.8	PHAS=	118.2	FOM=	0.21	TEST=	1
INDE	8	46	32	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	46	34	FOBS=	85.4	SIGMA=	2.5	PHAS=	-84.5	FOM=	0.44	TEST=	0
INDE	8	46	36	FOBS=	224.8	SIGMA=	1.1	PHAS=	-3.6	FOM=	0.98	TEST=	0
INDE	8	46	38	FOBS=	64.0	SIGMA=	2.9	PHAS=	152.6	FOM=	0.63	TEST=	0
INDE	8	46	40	FOBS=	23.3	SIGMA=	8.4	PHAS=	150.8	FOM=	0.32	TEST=	0
INDE	8	46	42	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	46	44	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	46	46	FOBS=	54.2	SIGMA=	3.4	PHAS=	-45.5	FOM=	0.46	TEST=	0
INDE	8	46	48	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	46	50	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	8	46	52	FOBS=	64.4	SIGMA=	3.4	PHAS=	175.7	FOM=	0.83	TEST=	0
INDE	8	46	54	FOBS=	15.4	SIGMA=	13.9	PHAS=	17.2	FOM=	0.07	TEST=	0

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INDE	8	46	56	FOBS=	37.3	SIGMA=	4.9	PHAS=	-177.7	FOM=	0.69	TEST=	0
INDE	8	46	58	FOBS=	24.0	SIGMA=	9.6	PHAS=	14.7	FOM=	0.69	TEST=	0
INDE	8	46	60	FOBS=	29.0	SIGMA=	7.8	PHAS=	-66.8	FOM=	0.24	TEST=	0
INDE	8	46	62	FOBS=	37.5	SIGMA=	6.8	PHAS=	71.4	FOM=	0.41	TEST=	0
INDE	8	47	9	FOBS=	46.8	SIGMA=	7.0	PHAS=	-75.1	FOM=	0.53	TEST=	0
INDE	8	47	11	FOBS=	54.5	SIGMA=	3.0	PHAS=	-100.4	FOM=	0.72	TEST=	0
INDE	8	47	13	FOBS=	362.4	SIGMA=	1.1	PHAS=	26.9	FOM=	0.98	TEST=	0
INDE	8	47	15	FOBS=	115.4	SIGMA=	1.8	PHAS=	137.6	FOM=	0.90	TEST=	0
INDE	8	47	17	FOBS=	307.8	SIGMA=	0.9	PHAS=	172.2	FOM=	0.98	TEST=	0
INDE	8	47	19	FOBS=	59.4	SIGMA=	3.9	PHAS=	140.6	FOM=	0.93	TEST=	0
INDE	8	47	21	FOBS=	20.0	SIGMA=	10.8	PHAS=	64.9	FOM=	0.23	TEST=	0
INDE	8	47	23	FOBS=	171.3	SIGMA=	1.3	PHAS=	65.5	FOM=	0.86	TEST=	0
INDE	8	47	25	FOBS=	88.5	SIGMA=	2.4	PHAS=	-26.4	FOM=	0.90	TEST=	0
INDE	8	47	27	FOBS=	29.4	SIGMA=	6.9	PHAS=	100.0	FOM=	0.04	TEST=	0
INDE	8	47	29	FOBS=	197.9	SIGMA=	1.1	PHAS=	-23.3	FOM=	0.95	TEST=	0
INDE	8	47	31	FOBS=	63.3	SIGMA=	3.9	PHAS=	96.6	FOM=	0.81	TEST=	0
INDE	8	47	33	FOBS=	31.0	SIGMA=	7.9	PHAS=	-63.9	FOM=	0.22	TEST=	0
INDE	8	47	35	FOBS=	61.3	SIGMA=	3.5	PHAS=	-52.7	FOM=	0.34	TEST=	0
INDE	8	47	37	FOBS=	94.3	SIGMA=	2.1	PHAS=	-36.6	FOM=	0.93	TEST=	0
INDE	8	47	39	FOBS=	59.4	SIGMA=	3.1	PHAS=	-36.6	FOM=	0.80	TEST=	0
INDE	8	47	41	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	47	43	FOBS=	56.1	SIGMA=	3.3	PHAS=	-132.5	FOM=	0.54	TEST=	0
INDE	8	47	45	FOBS=	71.4	SIGMA=	2.6	PHAS=	6.1	FOM=	0.56	TEST=	0
INDE	8	47	47	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	47	49	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	47	51	FOBS=	51.3	SIGMA=	4.2	PHAS=	66.4	FOM=	0.81	TEST=	0
INDE	8	47	53	FOBS=	31.6	SIGMA=	8.5	PHAS=	7.7	FOM=	0.16	TEST=	0
INDE	8	47	55	FOBS=	7.5	SIGMA=	26.6	PHAS=	42.8	FOM=	0.08	TEST=	0
INDE	8	47	57	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	8	47	59	FOBS=	56.5	SIGMA=	4.1	PHAS=	56.3	FOM=	0.74	TEST=	0
INDE	8	47	61	FOBS=	33.3	SIGMA=	7.6	PHAS=	84.4	FOM=	0.12	TEST=	0
INDE	8	48	8	FOBS=	181.8	SIGMA=	1.2	PHAS=	44.7	FOM=	0.96	TEST=	0
INDE	8	48	10	FOBS=	143.6	SIGMA=	1.3	PHAS=	144.8	FOM=	0.23	TEST=	1
INDE	8	48	12	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	48	14	FOBS=	144.5	SIGMA=	1.6	PHAS=	-48.0	FOM=	0.86	TEST=	1
INDE	8	48	16	FOBS=	152.9	SIGMA=	1.4	PHAS=	76.2	FOM=	0.95	TEST=	0
INDE	8	48	18	FOBS=	237.9	SIGMA=	1.0	PHAS=	57.6	FOM=	0.96	TEST=	0
INDE	8	48	20	FOBS=	221.0	SIGMA=	1.0	PHAS=	0.1	FOM=	0.97	TEST=	0
INDE	8	48	22	FOBS=	68.8	SIGMA=	3.0	PHAS=	-102.1	FOM=	0.69	TEST=	0
INDE	8	48	24	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	48	26	FOBS=	183.9	SIGMA=	1.2	PHAS=	-165.7	FOM=	0.34	TEST=	1
INDE	8	48	28	FOBS=	72.3	SIGMA=	2.8	PHAS=	-80.6	FOM=	0.45	TEST=	0
INDE	8	48	30	FOBS=	98.5	SIGMA=	2.1	PHAS=	-166.6	FOM=	0.84	TEST=	0
INDE	8	48	32	FOBS=	121.0	SIGMA=	2.1	PHAS=	-93.9	FOM=	0.90	TEST=	0
INDE	8	48	34	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	48	36	FOBS=	86.3	SIGMA=	2.4	PHAS=	-2.4	FOM=	0.34	TEST=	1
INDE	8	48	38	FOBS=	81.5	SIGMA=	2.3	PHAS=	176.0	FOM=	0.86	TEST=	0
INDE	8	48	40	FOBS=	103.4	SIGMA=	1.8	PHAS=	112.0	FOM=	0.16	TEST=	1
INDE	8	48	42	FOBS=	86.8	SIGMA=	2.2	PHAS=	174.9	FOM=	0.71	TEST=	0
INDE	8	48	44	FOBS=	21.0	SIGMA=	8.8	PHAS=	111.3	FOM=	0.19	TEST=	0
INDE	8	48	46	FOBS=	52.8	SIGMA=	3.5	PHAS=	-53.9	FOM=	0.84	TEST=	0
INDE	8	48	48	FOBS=	20.5	SIGMA=	8.8	PHAS=	86.0	FOM=	0.07	TEST=	0
INDE	8	48	50	FOBS=	14.5	SIGMA=	13.8	PHAS=	24.2	FOM=	0.05	TEST=	1
INDE	8	48	52	FOBS=	31.4	SIGMA=	8.1	PHAS=	-5.8	FOM=	0.48	TEST=	0
INDE	8	48	54	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	48	56	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	8	48	58	FOBS=	34.5	SIGMA=	6.1	PHAS=	-20.8	FOM=	0.48	TEST=	0
INDE	8	48	60	FOBS=	31.4	SIGMA=	8.2	PHAS=	50.8	FOM=	0.04	TEST=	0
INDE	8	49	9	FOBS=	135.1	SIGMA=	2.1	PHAS=	-58.9	FOM=	0.90	TEST=	0
INDE	8	49	11	FOBS=	66.2	SIGMA=	2.2	PHAS=	-179.6	FOM=	0.78	TEST=	0
INDE	8	49	13	FOBS=	225.3	SIGMA=	1.2	PHAS=	75.7	FOM=	0.93	TEST=	0
INDE	8	49	15	FOBS=	81.6	SIGMA=	2.4	PHAS=	-26.3	FOM=	0.83	TEST=	0
INDE	8	49	17	FOBS=	124.2	SIGMA=	1.6	PHAS=	-66.0	FOM=	0.91	TEST=	0
INDE	8	49	19	FOBS=	295.8	SIGMA=	0.8	PHAS=	-65.9	FOM=	0.96	TEST=	0
INDE	8	49	21	FOBS=	174.6	SIGMA=	1.3	PHAS=	-79.8	FOM=	0.95	TEST=	0
INDE	8	49	23	FOBS=	167.0	SIGMA=	1.3	PHAS=	100.7	FOM=	0.93	TEST=	0
INDE	8	49	25	FOBS=	66.4	SIGMA=	3.1	PHAS=	18.2	FOM=	0.69	TEST=	0
INDE	8	49	27	FOBS=	95.4	SIGMA=	2.2	PHAS=	-19.7	FOM=	0.86	TEST=	0
INDE	8	49	29	FOBS=	104.8	SIGMA=	2.0	PHAS=	-48.1	FOM=	0.93	TEST=	0
INDE	8	49	31	FOBS=	121.4	SIGMA=	1.7	PHAS=	169.7	FOM=	0.78	TEST=	0

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INDE	8	49	33	FOBS=	63.9	SIGMA=	3.9	PHAS=	-176.2	FOM=	0.75	TEST=	0
INDE	8	49	35	FOBS=	106.5	SIGMA=	2.1	PHAS=	43.2	FOM=	0.07	TEST=	1
INDE	8	49	37	FOBS=	39.9	SIGMA=	5.1	PHAS=	-160.9	FOM=	0.07	TEST=	0
INDE	8	49	39	FOBS=	43.3	SIGMA=	4.2	PHAS=	-152.8	FOM=	0.73	TEST=	0
INDE	8	49	41	FOBS=	94.1	SIGMA=	2.0	PHAS=	101.2	FOM=	0.88	TEST=	0
INDE	8	49	43	FOBS=	100.7	SIGMA=	1.9	PHAS=	77.1	FOM=	0.88	TEST=	0
INDE	8	49	45	FOBS=	96.7	SIGMA=	2.0	PHAS=	-137.8	FOM=	0.68	TEST=	0
INDE	8	49	47	FOBS=	29.5	SIGMA=	6.5	PHAS=	-126.7	FOM=	0.11	TEST=	0
INDE	8	49	49	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	8	49	51	FOBS=	78.9	SIGMA=	2.6	PHAS=	-167.7	FOM=	0.81	TEST=	0
INDE	8	49	53	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	49	55	FOBS=	13.0	SIGMA=	15.0	PHAS=	74.7	FOM=	0.06	TEST=	0
INDE	8	49	57	FOBS=	51.6	SIGMA=	4.1	PHAS=	-161.8	FOM=	0.39	TEST=	0
INDE	8	49	59	FOBS=	55.3	SIGMA=	3.9	PHAS=	5.8	FOM=	0.79	TEST=	0
INDE	8	50	8	FOBS=	167.2	SIGMA=	1.8	PHAS=	29.2	FOM=	0.95	TEST=	0
INDE	8	50	10	FOBS=	303.9	SIGMA=	1.1	PHAS=	-139.4	FOM=	0.97	TEST=	0
INDE	8	50	12	FOBS=	55.8	SIGMA=	2.7	PHAS=	-138.7	FOM=	0.07	TEST=	0
INDE	8	50	14	FOBS=	115.0	SIGMA=	1.5	PHAS=	-66.2	FOM=	0.88	TEST=	0
INDE	8	50	16	FOBS=	163.6	SIGMA=	1.3	PHAS=	-148.9	FOM=	0.95	TEST=	0
INDE	8	50	18	FOBS=	18.6	SIGMA=	10.6	PHAS=	102.2	FOM=	0.26	TEST=	0
INDE	8	50	20	FOBS=	200.2	SIGMA=	1.1	PHAS=	-152.6	FOM=	0.97	TEST=	0
INDE	8	50	22	FOBS=	145.1	SIGMA=	1.5	PHAS=	81.2	FOM=	0.84	TEST=	0
INDE	8	50	24	FOBS=	180.7	SIGMA=	1.2	PHAS=	4.5	FOM=	0.94	TEST=	0
INDE	8	50	26	FOBS=	208.1	SIGMA=	1.1	PHAS=	-105.8	FOM=	0.44	TEST=	1
INDE	8	50	28	FOBS=	159.2	SIGMA=	1.4	PHAS=	-132.4	FOM=	0.96	TEST=	0
INDE	8	50	30	FOBS=	60.0	SIGMA=	3.3	PHAS=	-129.3	FOM=	0.64	TEST=	0
INDE	8	50	32	FOBS=	102.2	SIGMA=	2.0	PHAS=	109.4	FOM=	0.87	TEST=	0
INDE	8	50	34	FOBS=	66.9	SIGMA=	3.7	PHAS=	-37.4	FOM=	0.82	TEST=	0
INDE	8	50	36	FOBS=	119.1	SIGMA=	1.8	PHAS=	14.2	FOM=	0.91	TEST=	0
INDE	8	50	38	FOBS=	67.2	SIGMA=	3.1	PHAS=	83.0	FOM=	0.90	TEST=	0
INDE	8	50	40	FOBS=	76.5	SIGMA=	2.4	PHAS=	47.8	FOM=	0.67	TEST=	0
INDE	8	50	42	FOBS=	65.4	SIGMA=	2.8	PHAS=	92.5	FOM=	0.10	TEST=	1
INDE	8	50	44	FOBS=	34.5	SIGMA=	5.6	PHAS=	179.8	FOM=	0.35	TEST=	0
INDE	8	50	46	FOBS=	25.3	SIGMA=	12.4	PHAS=	-40.0	FOM=	0.42	TEST=	0
INDE	8	50	48	FOBS=	5.7	SIGMA=	35.3	PHAS=	-111.1	FOM=	0.17	TEST=	0
INDE	8	50	50	FOBS=	78.0	SIGMA=	2.6	PHAS=	145.9	FOM=	0.72	TEST=	0
INDE	8	50	52	FOBS=	53.5	SIGMA=	3.8	PHAS=	5.7	FOM=	0.83	TEST=	0
INDE	8	50	54	FOBS=	8.5	SIGMA=	23.7	PHAS=	116.5	FOM=	0.07	TEST=	0
INDE	8	50	56	FOBS=	36.5	SIGMA=	5.9	PHAS=	92.1	FOM=	0.32	TEST=	0
INDE	8	50	58	FOBS=	42.2	SIGMA=	5.1	PHAS=	-53.6	FOM=	0.52	TEST=	0
INDE	8	51	9	FOBS=	24.0	SIGMA=	15.5	PHAS=	127.2	FOM=	0.21	TEST=	0
INDE	8	51	11	FOBS=	141.1	SIGMA=	1.3	PHAS=	158.3	FOM=	0.90	TEST=	0
INDE	8	51	13	FOBS=	30.6	SIGMA=	5.4	PHAS=	97.5	FOM=	0.92	TEST=	0
INDE	8	51	15	FOBS=	161.8	SIGMA=	1.0	PHAS=	98.0	FOM=	0.96	TEST=	0
INDE	8	51	17	FOBS=	47.0	SIGMA=	4.1	PHAS=	-55.6	FOM=	0.89	TEST=	0
INDE	8	51	19	FOBS=	141.5	SIGMA=	1.5	PHAS=	-36.7	FOM=	0.94	TEST=	0
INDE	8	51	21	FOBS=	153.5	SIGMA=	1.5	PHAS=	39.9	FOM=	0.82	TEST=	0
INDE	8	51	23	FOBS=	34.0	SIGMA=	5.9	PHAS=	140.6	FOM=	0.37	TEST=	0
INDE	8	51	25	FOBS=	85.6	SIGMA=	2.4	PHAS=	-8.4	FOM=	0.87	TEST=	0
INDE	8	51	27	FOBS=	44.8	SIGMA=	4.5	PHAS=	-161.6	FOM=	0.70	TEST=	0
INDE	8	51	29	FOBS=	107.3	SIGMA=	1.9	PHAS=	173.9	FOM=	0.93	TEST=	0
INDE	8	51	31	FOBS=	67.1	SIGMA=	3.0	PHAS=	-109.7	FOM=	0.62	TEST=	0
INDE	8	51	33	FOBS=	24.7	SIGMA=	7.9	PHAS=	132.8	FOM=	0.42	TEST=	0
INDE	8	51	35	FOBS=	76.9	SIGMA=	3.1	PHAS=	-82.7	FOM=	0.76	TEST=	0
INDE	8	51	37	FOBS=	70.8	SIGMA=	2.9	PHAS=	65.6	FOM=	0.26	TEST=	0
INDE	8	51	39	FOBS=	157.1	SIGMA=	1.3	PHAS=	-129.9	FOM=	0.95	TEST=	0
INDE	8	51	41	FOBS=	20.9	SIGMA=	9.0	PHAS=	-14.7	FOM=	0.22	TEST=	0
INDE	8	51	43	FOBS=	40.0	SIGMA=	4.6	PHAS=	-66.0	FOM=	0.07	TEST=	1
INDE	8	51	45	FOBS=	115.0	SIGMA=	1.7	PHAS=	85.0	FOM=	0.91	TEST=	0
INDE	8	51	47	FOBS=	25.6	SIGMA=	7.3	PHAS=	-156.7	FOM=	0.59	TEST=	0
INDE	8	51	49	FOBS=	42.2	SIGMA=	4.9	PHAS=	-131.0	FOM=	0.69	TEST=	0
INDE	8	51	51	FOBS=	82.3	SIGMA=	2.5	PHAS=	-152.7	FOM=	0.83	TEST=	0
INDE	8	51	53	FOBS=	67.1	SIGMA=	3.1	PHAS=	-160.0	FOM=	0.82	TEST=	0
INDE	8	51	55	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	51	57	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	52	8	FOBS=	181.8	SIGMA=	1.6	PHAS=	31.0	FOM=	0.86	TEST=	0
INDE	8	52	10	FOBS=	116.7	SIGMA=	2.4	PHAS=	-158.0	FOM=	0.90	TEST=	0
INDE	8	52	12	FOBS=	107.6	SIGMA=	1.4	PHAS=	-115.2	FOM=	0.91	TEST=	0
INDE	8	52	14	FOBS=	255.2	SIGMA=	0.8	PHAS=	-26.1	FOM=	0.97	TEST=	0
INDE	8	52	16	FOBS=	64.4	SIGMA=	2.5	PHAS=	81.4	FOM=	0.82	TEST=	0

INDE	8	52	18	FOBS=	78.5	SIGMA=	2.5	PHAS=	-123.4	FOM=	0.91	TEST=	0
INDE	8	52	20	FOBS=	161.8	SIGMA=	1.3	PHAS=	-147.8	FOM=	0.93	TEST=	0
INDE	8	52	22	FOBS=	71.1	SIGMA=	2.8	PHAS=	125.5	FOM=	0.56	TEST=	0
INDE	8	52	24	FOBS=	69.3	SIGMA=	2.9	PHAS=	-62.7	FOM=	0.88	TEST=	0
INDE	8	52	26	FOBS=	58.6	SIGMA=	3.4	PHAS=	-54.9	FOM=	0.70	TEST=	0
INDE	8	52	28	FOBS=	37.7	SIGMA=	5.3	PHAS=	-47.3	FOM=	0.42	TEST=	0
INDE	8	52	30	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	52	32	FOBS=	105.8	SIGMA=	1.9	PHAS=	86.9	FOM=	0.46	TEST=	1
INDE	8	52	34	FOBS=	69.3	SIGMA=	2.9	PHAS=	20.9	FOM=	0.84	TEST=	0
INDE	8	52	36	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	52	38	FOBS=	164.9	SIGMA=	1.4	PHAS=	115.7	FOM=	0.94	TEST=	0
INDE	8	52	40	FOBS=	72.6	SIGMA=	2.5	PHAS=	167.6	FOM=	0.85	TEST=	0
INDE	8	52	42	FOBS=	29.6	SIGMA=	6.1	PHAS=	158.6	FOM=	0.61	TEST=	0
INDE	8	52	44	FOBS=	38.9	SIGMA=	4.7	PHAS=	4.3	FOM=	0.85	TEST=	0
INDE	8	52	46	FOBS=	52.7	SIGMA=	3.5	PHAS=	94.4	FOM=	0.44	TEST=	0
INDE	8	52	48	FOBS=	42.3	SIGMA=	4.9	PHAS=	94.1	FOM=	0.81	TEST=	0
INDE	8	52	50	FOBS=	70.2	SIGMA=	3.0	PHAS=	124.2	FOM=	0.92	TEST=	0
INDE	8	52	52	FOBS=	35.3	SIGMA=	5.8	PHAS=	54.1	FOM=	0.59	TEST=	0
INDE	8	52	54	FOBS=	43.4	SIGMA=	5.2	PHAS=	151.6	FOM=	0.74	TEST=	0
INDE	8	52	56	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	53	9	FOBS=	75.3	SIGMA=	3.6	PHAS=	11.2	FOM=	0.83	TEST=	0
INDE	8	53	11	FOBS=	171.1	SIGMA=	1.7	PHAS=	154.5	FOM=	0.94	TEST=	0
INDE	8	53	13	FOBS=	179.2	SIGMA=	1.2	PHAS=	-127.8	FOM=	0.92	TEST=	0
INDE	8	53	15	FOBS=	131.0	SIGMA=	1.3	PHAS=	35.9	FOM=	0.34	TEST=	1
INDE	8	53	17	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	53	19	FOBS=	79.6	SIGMA=	2.4	PHAS=	112.2	FOM=	0.74	TEST=	1
INDE	8	53	21	FOBS=	58.2	SIGMA=	3.4	PHAS=	94.6	FOM=	0.84	TEST=	0
INDE	8	53	23	FOBS=	45.8	SIGMA=	4.2	PHAS=	-125.8	FOM=	0.92	TEST=	0
INDE	8	53	25	FOBS=	32.6	SIGMA=	6.1	PHAS=	137.0	FOM=	0.72	TEST=	0
INDE	8	53	27	FOBS=	127.5	SIGMA=	1.6	PHAS=	-141.3	FOM=	0.94	TEST=	0
INDE	8	53	29	FOBS=	90.6	SIGMA=	2.3	PHAS=	162.9	FOM=	0.75	TEST=	0
INDE	8	53	31	FOBS=	48.3	SIGMA=	4.1	PHAS=	86.3	FOM=	0.73	TEST=	0
INDE	8	53	33	FOBS=	63.1	SIGMA=	3.2	PHAS=	157.0	FOM=	0.61	TEST=	0
INDE	8	53	35	FOBS=	22.2	SIGMA=	10.7	PHAS=	153.9	FOM=	0.11	TEST=	0
INDE	8	53	37	FOBS=	94.1	SIGMA=	2.4	PHAS=	130.5	FOM=	0.86	TEST=	0
INDE	8	53	39	FOBS=	71.1	SIGMA=	2.9	PHAS=	108.4	FOM=	0.75	TEST=	0
INDE	8	53	41	FOBS=	38.2	SIGMA=	5.0	PHAS=	-17.0	FOM=	0.77	TEST=	0
INDE	8	53	43	FOBS=	77.6	SIGMA=	2.4	PHAS=	-68.7	FOM=	0.85	TEST=	0
INDE	8	53	45	FOBS=	52.5	SIGMA=	3.5	PHAS=	6.0	FOM=	0.82	TEST=	0
INDE	8	53	47	FOBS=	66.8	SIGMA=	3.1	PHAS=	55.1	FOM=	0.88	TEST=	0
INDE	8	53	49	FOBS=	24.5	SIGMA=	10.2	PHAS=	17.7	FOM=	0.37	TEST=	0
INDE	8	53	51	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	53	53	FOBS=	25.2	SIGMA=	8.8	PHAS=	-55.1	FOM=	0.40	TEST=	0
INDE	8	53	55	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	54	8	FOBS=	88.5	SIGMA=	3.0	PHAS=	-122.0	FOM=	0.86	TEST=	1
INDE	8	54	10	FOBS=	79.1	SIGMA=	3.4	PHAS=	16.7	FOM=	0.78	TEST=	0
INDE	8	54	12	FOBS=	100.4	SIGMA=	1.8	PHAS=	158.6	FOM=	0.81	TEST=	0
INDE	8	54	14	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	54	16	FOBS=	73.2	SIGMA=	2.4	PHAS=	143.4	FOM=	0.66	TEST=	0
INDE	8	54	18	FOBS=	95.2	SIGMA=	2.0	PHAS=	-36.1	FOM=	0.89	TEST=	0
INDE	8	54	20	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	54	22	FOBS=	64.6	SIGMA=	3.2	PHAS=	161.3	FOM=	0.45	TEST=	0
INDE	8	54	24	FOBS=	32.0	SIGMA=	6.1	PHAS=	29.7	FOM=	0.28	TEST=	0
INDE	8	54	26	FOBS=	140.0	SIGMA=	1.5	PHAS=	133.6	FOM=	0.93	TEST=	0
INDE	8	54	28	FOBS=	93.0	SIGMA=	2.2	PHAS=	7.0	FOM=	0.59	TEST=	0
INDE	8	54	30	FOBS=	92.9	SIGMA=	2.2	PHAS=	46.6	FOM=	0.89	TEST=	0
INDE	8	54	32	FOBS=	77.4	SIGMA=	2.6	PHAS=	106.5	FOM=	0.83	TEST=	0
INDE	8	54	34	FOBS=	7.0	SIGMA=	28.0	PHAS=	74.3	FOM=	0.05	TEST=	1
INDE	8	54	36	FOBS=	71.8	SIGMA=	2.8	PHAS=	-30.8	FOM=	0.89	TEST=	0
INDE	8	54	38	FOBS=	52.7	SIGMA=	3.8	PHAS=	36.8	FOM=	0.73	TEST=	0
INDE	8	54	40	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	54	42	FOBS=	97.9	SIGMA=	1.9	PHAS=	-146.8	FOM=	0.91	TEST=	0
INDE	8	54	44	FOBS=	112.2	SIGMA=	1.7	PHAS=	-14.7	FOM=	0.93	TEST=	0
INDE	8	54	46	FOBS=	28.4	SIGMA=	7.7	PHAS=	37.3	FOM=	0.38	TEST=	0
INDE	8	54	48	FOBS=	78.3	SIGMA=	2.7	PHAS=	-20.2	FOM=	0.91	TEST=	0
INDE	8	54	50	FOBS=	37.4	SIGMA=	6.8	PHAS=	148.1	FOM=	0.36	TEST=	0
INDE	8	54	52	FOBS=	32.2	SIGMA=	9.7	PHAS=	84.8	FOM=	0.11	TEST=	1
INDE	8	54	54	FOBS=	57.2	SIGMA=	5.8	PHAS=	123.1	FOM=	0.87	TEST=	0
INDE	8	55	9	FOBS=	95.8	SIGMA=	2.8	PHAS=	70.3	FOM=	0.45	TEST=	0
INDE	8	55	11	FOBS=	60.5	SIGMA=	4.4	PHAS=	-162.6	FOM=	0.62	TEST=	0

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INDE	8	55	13	FOBS=	38.0	SIGMA=	3.9	PHAS=	146.7	FOM=	0.23	TEST=	0
INDE	8	55	15	FOBS=	103.2	SIGMA=	1.6	PHAS=	67.8	FOM=	0.83	TEST=	0
INDE	8	55	17	FOBS=	59.8	SIGMA=	2.5	PHAS=	-123.5	FOM=	0.55	TEST=	0
INDE	8	55	19	FOBS=	79.2	SIGMA=	2.5	PHAS=	34.2	FOM=	0.27	TEST=	1
INDE	8	55	21	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	55	23	FOBS=	76.0	SIGMA=	2.6	PHAS=	-134.5	FOM=	0.34	TEST=	1
INDE	8	55	25	FOBS=	66.4	SIGMA=	2.9	PHAS=	56.3	FOM=	0.83	TEST=	0
INDE	8	55	27	FOBS=	17.1	SIGMA=	11.3	PHAS=	-54.5	FOM=	0.05	TEST=	1
INDE	8	55	29	FOBS=	79.7	SIGMA=	2.5	PHAS=	-127.8	FOM=	0.23	TEST=	1
INDE	8	55	31	FOBS=	104.8	SIGMA=	2.0	PHAS=	13.7	FOM=	0.90	TEST=	0
INDE	8	55	33	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	55	35	FOBS=	103.1	SIGMA=	2.0	PHAS=	-165.5	FOM=	0.92	TEST=	0
INDE	8	55	37	FOBS=	52.4	SIGMA=	3.7	PHAS=	-123.4	FOM=	0.77	TEST=	0
INDE	8	55	39	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	55	41	FOBS=	45.1	SIGMA=	4.3	PHAS=	-179.4	FOM=	0.18	TEST=	1
INDE	8	55	43	FOBS=	105.8	SIGMA=	1.8	PHAS=	-110.9	FOM=	0.26	TEST=	1
INDE	8	55	45	FOBS=	72.0	SIGMA=	2.8	PHAS=	-48.1	FOM=	0.91	TEST=	0
INDE	8	55	47	FOBS=	66.8	SIGMA=	3.5	PHAS=	-57.8	FOM=	0.85	TEST=	0
INDE	8	55	49	FOBS=	94.0	SIGMA=	2.5	PHAS=	-156.8	FOM=	0.93	TEST=	0
INDE	8	55	51	FOBS=	44.3	SIGMA=	7.6	PHAS=	-50.8	FOM=	0.46	TEST=	0
INDE	8	55	53	FOBS=	106.7	SIGMA=	3.2	PHAS=	-10.6	FOM=	0.95	TEST=	0
INDE	8	56	8	FOBS=	56.5	SIGMA=	4.6	PHAS=	154.7	FOM=	0.01	TEST=	0
INDE	8	56	10	FOBS=	164.2	SIGMA=	1.7	PHAS=	25.3	FOM=	0.94	TEST=	0
INDE	8	56	12	FOBS=	24.0	SIGMA=	10.8	PHAS=	-44.3	FOM=	0.38	TEST=	0
INDE	8	56	14	FOBS=	63.7	SIGMA=	2.4	PHAS=	-29.3	FOM=	0.87	TEST=	0
INDE	8	56	16	FOBS=	136.7	SIGMA=	1.3	PHAS=	5.3	FOM=	0.84	TEST=	0
INDE	8	56	18	FOBS=	73.5	SIGMA=	2.0	PHAS=	-30.8	FOM=	0.51	TEST=	0
INDE	8	56	20	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	56	22	FOBS=	57.6	SIGMA=	3.2	PHAS=	42.5	FOM=	0.69	TEST=	0
INDE	8	56	24	FOBS=	78.6	SIGMA=	2.5	PHAS=	148.1	FOM=	0.07	TEST=	1
INDE	8	56	26	FOBS=	56.5	SIGMA=	3.5	PHAS=	162.9	FOM=	0.92	TEST=	0
INDE	8	56	28	FOBS=	89.2	SIGMA=	2.2	PHAS=	66.5	FOM=	0.86	TEST=	0
INDE	8	56	30	FOBS=	158.8	SIGMA=	1.4	PHAS=	-25.8	FOM=	0.96	TEST=	0
INDE	8	56	32	FOBS=	107.0	SIGMA=	1.9	PHAS=	-60.0	FOM=	0.87	TEST=	0
INDE	8	56	34	FOBS=	61.1	SIGMA=	3.2	PHAS=	151.7	FOM=	0.72	TEST=	0
INDE	8	56	36	FOBS=	50.3	SIGMA=	3.9	PHAS=	118.0	FOM=	0.61	TEST=	0
INDE	8	56	38	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	56	40	FOBS=	25.1	SIGMA=	8.1	PHAS=	127.6	FOM=	0.27	TEST=	0
INDE	8	56	42	FOBS=	46.9	SIGMA=	4.2	PHAS=	-81.6	FOM=	0.04	TEST=	1
INDE	8	56	44	FOBS=	33.9	SIGMA=	6.2	PHAS=	24.1	FOM=	0.37	TEST=	0
INDE	8	56	46	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	56	48	FOBS=	28.2	SIGMA=	10.1	PHAS=	119.0	FOM=	0.25	TEST=	1
INDE	8	56	50	FOBS=	31.2	SIGMA=	12.0	PHAS=	-59.5	FOM=	0.41	TEST=	0
INDE	8	56	52	FOBS=	61.4	SIGMA=	6.6	PHAS=	-114.4	FOM=	0.81	TEST=	0
INDE	8	57	9	FOBS=	106.2	SIGMA=	2.5	PHAS=	22.0	FOM=	0.89	TEST=	0
INDE	8	57	11	FOBS=	50.7	SIGMA=	5.2	PHAS=	-146.0	FOM=	0.67	TEST=	1
INDE	8	57	13	FOBS=	124.0	SIGMA=	2.2	PHAS=	-94.0	FOM=	0.96	TEST=	0
INDE	8	57	15	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	57	17	FOBS=	166.1	SIGMA=	1.1	PHAS=	-162.5	FOM=	0.93	TEST=	0
INDE	8	57	19	FOBS=	11.8	SIGMA=	15.9	PHAS=	175.6	FOM=	0.22	TEST=	0
INDE	8	57	21	FOBS=	69.6	SIGMA=	2.7	PHAS=	39.4	FOM=	0.59	TEST=	0
INDE	8	57	23	FOBS=	49.3	SIGMA=	3.9	PHAS=	-59.9	FOM=	0.12	TEST=	1
INDE	8	57	25	FOBS=	43.0	SIGMA=	4.5	PHAS=	11.2	FOM=	0.45	TEST=	0
INDE	8	57	27	FOBS=	24.9	SIGMA=	8.5	PHAS=	-146.9	FOM=	0.59	TEST=	0
INDE	8	57	29	FOBS=	166.9	SIGMA=	1.3	PHAS=	-102.8	FOM=	0.97	TEST=	0
INDE	8	57	31	FOBS=	96.9	SIGMA=	2.1	PHAS=	-93.9	FOM=	0.44	TEST=	1
INDE	8	57	33	FOBS=	43.6	SIGMA=	4.5	PHAS=	177.7	FOM=	0.69	TEST=	0
INDE	8	57	35	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	57	37	FOBS=	30.9	SIGMA=	9.5	PHAS=	41.0	FOM=	0.18	TEST=	0
INDE	8	57	39	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	8	57	41	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	57	43	FOBS=	68.7	SIGMA=	3.2	PHAS=	-153.3	FOM=	0.89	TEST=	0
INDE	8	57	45	FOBS=	51.7	SIGMA=	4.2	PHAS=	-71.1	FOM=	0.89	TEST=	0
INDE	8	57	47	FOBS=	35.1	SIGMA=	7.9	PHAS=	-71.1	FOM=	0.63	TEST=	0
INDE	8	57	49	FOBS=	123.9	SIGMA=	2.8	PHAS=	-104.6	FOM=	0.97	TEST=	0
INDE	8	57	51	FOBS=	0.0	SIGMA=	28.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	58	8	FOBS=	56.1	SIGMA=	4.6	PHAS=	23.4	FOM=	0.81	TEST=	0
INDE	8	58	10	FOBS=	146.3	SIGMA=	1.9	PHAS=	-71.0	FOM=	0.97	TEST=	0
INDE	8	58	12	FOBS=	127.4	SIGMA=	2.1	PHAS=	149.8	FOM=	0.90	TEST=	0
INDE	8	58	14	FOBS=	51.4	SIGMA=	3.4	PHAS=	43.0	FOM=	0.74	TEST=	0

INDE	8	58	16	FOBS=	72.7	SIGMA=	2.6	PHAS=	7.9	FOM=	0.65	TEST=	0
INDE	8	58	18	FOBS=	139.4	SIGMA=	1.5	PHAS=	101.6	FOM=	0.96	TEST=	0
INDE	8	58	20	FOBS=	71.4	SIGMA=	2.4	PHAS=	-91.7	FOM=	0.68	TEST=	0
INDE	8	58	22	FOBS=	92.0	SIGMA=	2.1	PHAS=	-90.0	FOM=	0.87	TEST=	0
INDE	8	58	24	FOBS=	8.1	SIGMA=	27.8	PHAS=	46.7	FOM=	0.05	TEST=	0
INDE	8	58	26	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	58	28	FOBS=	49.3	SIGMA=	3.9	PHAS=	82.9	FOM=	0.55	TEST=	1
INDE	8	58	30	FOBS=	67.2	SIGMA=	2.9	PHAS=	-119.0	FOM=	0.77	TEST=	0
INDE	8	58	32	FOBS=	62.4	SIGMA=	3.5	PHAS=	18.1	FOM=	0.48	TEST=	0
INDE	8	58	34	FOBS=	83.5	SIGMA=	2.6	PHAS=	-7.3	FOM=	0.59	TEST=	0
INDE	8	58	36	FOBS=	67.3	SIGMA=	3.6	PHAS=	-10.9	FOM=	0.85	TEST=	0
INDE	8	58	38	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	58	40	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	58	42	FOBS=	43.2	SIGMA=	5.8	PHAS=	166.5	FOM=	0.20	TEST=	1
INDE	8	58	44	FOBS=	78.1	SIGMA=	2.8	PHAS=	110.0	FOM=	0.90	TEST=	0
INDE	8	58	46	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	58	48	FOBS=	85.7	SIGMA=	3.9	PHAS=	-168.7	FOM=	0.90	TEST=	0
INDE	8	58	50	FOBS=	105.1	SIGMA=	3.8	PHAS=	-156.7	FOM=	0.91	TEST=	0
INDE	8	59	9	FOBS=	66.9	SIGMA=	3.8	PHAS=	-179.9	FOM=	0.33	TEST=	0
INDE	8	59	11	FOBS=	161.4	SIGMA=	2.4	PHAS=	127.6	FOM=	0.92	TEST=	0
INDE	8	59	13	FOBS=	98.8	SIGMA=	2.7	PHAS=	-95.0	FOM=	0.93	TEST=	0
INDE	8	59	15	FOBS=	27.0	SIGMA=	6.6	PHAS=	121.4	FOM=	0.32	TEST=	0
INDE	8	59	17	FOBS=	47.4	SIGMA=	4.0	PHAS=	-72.5	FOM=	0.62	TEST=	0
INDE	8	59	19	FOBS=	46.8	SIGMA=	3.5	PHAS=	-54.7	FOM=	0.22	TEST=	0
INDE	8	59	21	FOBS=	14.9	SIGMA=	11.2	PHAS=	33.8	FOM=	0.13	TEST=	0
INDE	8	59	23	FOBS=	17.3	SIGMA=	6.0	PHAS=	161.1	FOM=	0.43	TEST=	0
INDE	8	59	25	FOBS=	47.4	SIGMA=	4.1	PHAS=	-90.0	FOM=	0.50	TEST=	0
INDE	8	59	27	FOBS=	41.8	SIGMA=	4.6	PHAS=	-154.2	FOM=	0.36	TEST=	0
INDE	8	59	29	FOBS=	86.2	SIGMA=	2.5	PHAS=	-108.0	FOM=	0.70	TEST=	0
INDE	8	59	31	FOBS=	49.5	SIGMA=	4.7	PHAS=	-178.3	FOM=	0.42	TEST=	0
INDE	8	59	33	FOBS=	100.2	SIGMA=	2.4	PHAS=	-121.5	FOM=	0.91	TEST=	0
INDE	8	59	35	FOBS=	41.4	SIGMA=	6.5	PHAS=	-130.2	FOM=	0.68	TEST=	0
INDE	8	59	37	FOBS=	63.3	SIGMA=	3.8	PHAS=	-152.5	FOM=	0.88	TEST=	0
INDE	8	59	39	FOBS=	117.7	SIGMA=	2.1	PHAS=	-177.6	FOM=	0.89	TEST=	0
INDE	8	59	41	FOBS=	83.4	SIGMA=	2.5	PHAS=	-163.1	FOM=	0.02	TEST=	1
INDE	8	59	43	FOBS=	54.0	SIGMA=	4.0	PHAS=	120.8	FOM=	0.71	TEST=	0
INDE	8	59	45	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	59	47	FOBS=	51.8	SIGMA=	7.5	PHAS=	-24.5	FOM=	0.03	TEST=	1
INDE	8	59	49	FOBS=	56.3	SIGMA=	6.8	PHAS=	149.6	FOM=	0.70	TEST=	0
INDE	8	60	8	FOBS=	81.6	SIGMA=	3.2	PHAS=	-6.0	FOM=	0.76	TEST=	0
INDE	8	60	10	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	60	12	FOBS=	144.9	SIGMA=	1.9	PHAS=	159.0	FOM=	0.96	TEST=	0
INDE	8	60	14	FOBS=	117.5	SIGMA=	2.2	PHAS=	177.9	FOM=	0.93	TEST=	0
INDE	8	60	16	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	60	18	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	8	60	20	FOBS=	70.2	SIGMA=	2.4	PHAS=	106.5	FOM=	0.26	TEST=	1
INDE	8	60	22	FOBS=	37.2	SIGMA=	4.8	PHAS=	-129.5	FOM=	0.48	TEST=	0
INDE	8	60	24	FOBS=	111.4	SIGMA=	2.0	PHAS=	135.0	FOM=	0.77	TEST=	0
INDE	8	60	26	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	60	28	FOBS=	83.7	SIGMA=	2.8	PHAS=	102.4	FOM=	0.84	TEST=	0
INDE	8	60	30	FOBS=	19.1	SIGMA=	12.1	PHAS=	119.9	FOM=	0.28	TEST=	0
INDE	8	60	32	FOBS=	56.0	SIGMA=	4.3	PHAS=	166.5	FOM=	0.66	TEST=	0
INDE	8	60	34	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	60	36	FOBS=	122.7	SIGMA=	2.1	PHAS=	45.2	FOM=	0.92	TEST=	0
INDE	8	60	38	FOBS=	89.0	SIGMA=	2.8	PHAS=	76.3	FOM=	0.91	TEST=	0
INDE	8	60	40	FOBS=	55.1	SIGMA=	4.4	PHAS=	-21.6	FOM=	0.12	TEST=	1
INDE	8	60	42	FOBS=	80.7	SIGMA=	3.2	PHAS=	-20.3	FOM=	0.25	TEST=	1
INDE	8	60	44	FOBS=	36.3	SIGMA=	6.1	PHAS=	22.8	FOM=	0.40	TEST=	0
INDE	8	60	46	FOBS=	0.0	SIGMA=	25.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	60	48	FOBS=	0.0	SIGMA=	31.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	61	9	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	61	11	FOBS=	172.1	SIGMA=	1.6	PHAS=	91.6	FOM=	0.97	TEST=	0
INDE	8	61	13	FOBS=	116.0	SIGMA=	2.2	PHAS=	97.2	FOM=	0.86	TEST=	0
INDE	8	61	15	FOBS=	82.8	SIGMA=	3.1	PHAS=	55.8	FOM=	0.91	TEST=	0
INDE	8	61	17	FOBS=	76.4	SIGMA=	2.5	PHAS=	13.5	FOM=	0.76	TEST=	0
INDE	8	61	19	FOBS=	69.9	SIGMA=	2.8	PHAS=	-104.8	FOM=	0.82	TEST=	0
INDE	8	61	21	FOBS=	64.8	SIGMA=	3.1	PHAS=	19.3	FOM=	0.62	TEST=	0
INDE	8	61	23	FOBS=	15.2	SIGMA=	12.6	PHAS=	111.8	FOM=	0.36	TEST=	0
INDE	8	61	25	FOBS=	91.8	SIGMA=	3.0	PHAS=	113.1	FOM=	0.80	TEST=	0
INDE	8	61	27	FOBS=	41.1	SIGMA=	6.6	PHAS=	84.3	FOM=	0.67	TEST=	0

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INDE	8	61	29	FOBS=	42.1	SIGMA=	6.4	PHAS=	-54.6	FOM=	0.64	TEST=	0
INDE	8	61	31	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	61	33	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	61	35	FOBS=	41.3	SIGMA=	6.7	PHAS=	-35.9	FOM=	0.46	TEST=	0
INDE	8	61	37	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	61	39	FOBS=	52.6	SIGMA=	5.4	PHAS=	-141.2	FOM=	0.82	TEST=	0
INDE	8	61	41	FOBS=	83.8	SIGMA=	2.8	PHAS=	-174.6	FOM=	0.90	TEST=	0
INDE	8	61	43	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	61	45	FOBS=	80.1	SIGMA=	4.1	PHAS=	-173.0	FOM=	0.83	TEST=	0
INDE	8	61	47	FOBS=	71.9	SIGMA=	7.0	PHAS=	-22.6	FOM=	0.78	TEST=	0
INDE	8	62	8	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	62	10	FOBS=	95.1	SIGMA=	2.8	PHAS=	-24.0	FOM=	0.55	TEST=	1
INDE	8	62	12	FOBS=	83.0	SIGMA=	3.1	PHAS=	-28.1	FOM=	0.15	TEST=	1
INDE	8	62	14	FOBS=	123.9	SIGMA=	3.0	PHAS=	-154.8	FOM=	0.96	TEST=	0
INDE	8	62	16	FOBS=	62.9	SIGMA=	3.0	PHAS=	4.8	FOM=	0.66	TEST=	0
INDE	8	62	18	FOBS=	66.1	SIGMA=	3.4	PHAS=	-65.8	FOM=	0.27	TEST=	1
INDE	8	62	20	FOBS=	125.1	SIGMA=	2.0	PHAS=	-115.2	FOM=	0.95	TEST=	0
INDE	8	62	22	FOBS=	73.0	SIGMA=	3.0	PHAS=	-30.6	FOM=	0.83	TEST=	0
INDE	8	62	24	FOBS=	71.9	SIGMA=	3.8	PHAS=	50.2	FOM=	0.36	TEST=	1
INDE	8	62	26	FOBS=	106.5	SIGMA=	2.7	PHAS=	31.4	FOM=	0.91	TEST=	0
INDE	8	62	28	FOBS=	67.2	SIGMA=	4.1	PHAS=	18.0	FOM=	0.77	TEST=	0
INDE	8	62	30	FOBS=	74.3	SIGMA=	3.7	PHAS=	155.0	FOM=	0.92	TEST=	0
INDE	8	62	32	FOBS=	116.8	SIGMA=	2.5	PHAS=	-95.6	FOM=	0.91	TEST=	0
INDE	8	62	34	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	62	36	FOBS=	51.9	SIGMA=	6.8	PHAS=	100.9	FOM=	0.75	TEST=	0
INDE	8	62	38	FOBS=	77.7	SIGMA=	3.7	PHAS=	53.1	FOM=	0.89	TEST=	0
INDE	8	62	40	FOBS=	123.0	SIGMA=	2.4	PHAS=	68.2	FOM=	0.94	TEST=	0
INDE	8	62	42	FOBS=	50.4	SIGMA=	5.7	PHAS=	83.4	FOM=	0.39	TEST=	1
INDE	8	62	44	FOBS=	0.0	SIGMA=	27.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	62	46	FOBS=	63.8	SIGMA=	7.9	PHAS=	85.1	FOM=	0.77	TEST=	0
INDE	8	63	9	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	8	63	11	FOBS=	131.0	SIGMA=	2.9	PHAS=	153.1	FOM=	0.93	TEST=	0
INDE	8	63	13	FOBS=	66.7	SIGMA=	5.2	PHAS=	130.8	FOM=	0.80	TEST=	0
INDE	8	63	15	FOBS=	60.2	SIGMA=	5.8	PHAS=	12.6	FOM=	0.87	TEST=	0
INDE	8	63	17	FOBS=	37.6	SIGMA=	5.5	PHAS=	9.1	FOM=	0.73	TEST=	0
INDE	8	63	19	FOBS=	55.9	SIGMA=	4.1	PHAS=	159.4	FOM=	0.58	TEST=	0
INDE	8	63	21	FOBS=	64.1	SIGMA=	3.2	PHAS=	176.2	FOM=	0.76	TEST=	0
INDE	8	63	23	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	63	25	FOBS=	42.2	SIGMA=	6.4	PHAS=	-0.3	FOM=	0.79	TEST=	0
INDE	8	63	27	FOBS=	106.0	SIGMA=	2.7	PHAS=	23.1	FOM=	0.87	TEST=	0
INDE	8	63	29	FOBS=	32.4	SIGMA=	10.2	PHAS=	172.8	FOM=	0.17	TEST=	0
INDE	8	63	31	FOBS=	50.1	SIGMA=	5.5	PHAS=	-172.1	FOM=	0.16	TEST=	0
INDE	8	63	33	FOBS=	50.7	SIGMA=	5.4	PHAS=	-111.1	FOM=	0.60	TEST=	0
INDE	8	63	35	FOBS=	34.5	SIGMA=	8.2	PHAS=	104.1	FOM=	0.54	TEST=	0
INDE	8	63	37	FOBS=	41.5	SIGMA=	6.8	PHAS=	77.4	FOM=	0.58	TEST=	0
INDE	8	63	39	FOBS=	103.9	SIGMA=	2.8	PHAS=	-56.4	FOM=	0.94	TEST=	0
INDE	8	63	41	FOBS=	39.5	SIGMA=	7.3	PHAS=	55.5	FOM=	0.18	TEST=	1
INDE	8	63	43	FOBS=	55.9	SIGMA=	5.3	PHAS=	-163.4	FOM=	0.46	TEST=	0
INDE	8	64	8	FOBS=	37.4	SIGMA=	7.5	PHAS=	148.2	FOM=	0.64	TEST=	0
INDE	8	64	10	FOBS=	103.1	SIGMA=	3.5	PHAS=	53.2	FOM=	0.92	TEST=	0
INDE	8	64	12	FOBS=	16.8	SIGMA=	20.6	PHAS=	-39.6	FOM=	0.26	TEST=	0
INDE	8	64	14	FOBS=	77.7	SIGMA=	4.5	PHAS=	-143.6	FOM=	0.83	TEST=	0
INDE	8	64	16	FOBS=	122.7	SIGMA=	3.0	PHAS=	-35.7	FOM=	0.93	TEST=	0
INDE	8	64	18	FOBS=	12.5	SIGMA=	17.4	PHAS=	6.9	FOM=	0.03	TEST=	1
INDE	8	64	20	FOBS=	73.4	SIGMA=	3.2	PHAS=	-124.9	FOM=	0.89	TEST=	0
INDE	8	64	22	FOBS=	57.5	SIGMA=	3.6	PHAS=	45.7	FOM=	0.61	TEST=	0
INDE	8	64	24	FOBS=	29.0	SIGMA=	8.4	PHAS=	-23.9	FOM=	0.30	TEST=	0
INDE	8	64	26	FOBS=	16.3	SIGMA=	16.4	PHAS=	-23.4	FOM=	0.45	TEST=	0
INDE	8	64	28	FOBS=	52.4	SIGMA=	5.3	PHAS=	-114.2	FOM=	0.68	TEST=	0
INDE	8	64	30	FOBS=	31.5	SIGMA=	10.6	PHAS=	-136.8	FOM=	0.04	TEST=	1
INDE	8	64	32	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	64	34	FOBS=	51.7	SIGMA=	5.4	PHAS=	147.1	FOM=	0.34	TEST=	0
INDE	8	64	36	FOBS=	39.1	SIGMA=	7.2	PHAS=	-9.4	FOM=	0.54	TEST=	0
INDE	8	64	38	FOBS=	30.6	SIGMA=	10.8	PHAS=	-16.6	FOM=	0.17	TEST=	0
INDE	8	64	40	FOBS=	53.6	SIGMA=	7.0	PHAS=	123.9	FOM=	0.71	TEST=	0
INDE	8	64	42	FOBS=	0.0	SIGMA=	24.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	65	9	FOBS=	89.2	SIGMA=	4.0	PHAS=	5.4	FOM=	0.83	TEST=	0
INDE	8	65	11	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	8	65	13	FOBS=	55.9	SIGMA=	6.3	PHAS=	-171.8	FOM=	0.80	TEST=	0
INDE	8	65	15	FOBS=	46.0	SIGMA=	7.6	PHAS=	-154.4	FOM=	0.44	TEST=	0

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INDE	8	65	17	FOBS=	19.2	SIGMA=	17.9	PHAS=	-100.4	FOM=	0.09	TEST=	0
INDE	8	65	19	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	65	21	FOBS=	97.0	SIGMA=	2.5	PHAS=	-121.1	FOM=	0.63	TEST=	0
INDE	8	65	23	FOBS=	75.8	SIGMA=	2.8	PHAS=	-144.7	FOM=	0.84	TEST=	0
INDE	8	65	25	FOBS=	87.6	SIGMA=	2.6	PHAS=	-66.8	FOM=	0.68	TEST=	0
INDE	8	65	27	FOBS=	14.7	SIGMA=	22.8	PHAS=	15.9	FOM=	0.21	TEST=	0
INDE	8	65	29	FOBS=	92.4	SIGMA=	3.1	PHAS=	154.3	FOM=	0.91	TEST=	0
INDE	8	65	31	FOBS=	86.3	SIGMA=	3.3	PHAS=	-44.9	FOM=	0.87	TEST=	0
INDE	8	65	33	FOBS=	45.4	SIGMA=	6.2	PHAS=	37.7	FOM=	0.55	TEST=	0
INDE	8	65	35	FOBS=	36.0	SIGMA=	7.8	PHAS=	-141.8	FOM=	0.35	TEST=	0
INDE	8	65	37	FOBS=	0.0	SIGMA=	26.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	65	39	FOBS=	47.4	SIGMA=	6.2	PHAS=	9.7	FOM=	0.58	TEST=	0
INDE	8	65	41	FOBS=	34.5	SIGMA=	11.1	PHAS=	171.0	FOM=	0.45	TEST=	0
INDE	8	66	8	FOBS=	25.8	SIGMA=	13.6	PHAS=	12.3	FOM=	0.14	TEST=	0
INDE	8	66	10	FOBS=	52.5	SIGMA=	6.7	PHAS=	119.8	FOM=	0.74	TEST=	0
INDE	8	66	12	FOBS=	80.0	SIGMA=	4.5	PHAS=	-166.4	FOM=	0.91	TEST=	0
INDE	8	66	14	FOBS=	83.7	SIGMA=	4.2	PHAS=	51.1	FOM=	0.81	TEST=	0
INDE	8	66	16	FOBS=	45.0	SIGMA=	7.7	PHAS=	-1.8	FOM=	0.77	TEST=	0
INDE	8	66	18	FOBS=	34.4	SIGMA=	6.0	PHAS=	-134.5	FOM=	0.74	TEST=	0
INDE	8	66	20	FOBS=	54.6	SIGMA=	4.3	PHAS=	-91.9	FOM=	0.59	TEST=	0
INDE	8	66	22	FOBS=	30.9	SIGMA=	7.8	PHAS=	137.7	FOM=	0.40	TEST=	0
INDE	8	66	24	FOBS=	79.3	SIGMA=	2.7	PHAS=	-37.9	FOM=	0.77	TEST=	0
INDE	8	66	26	FOBS=	9.8	SIGMA=	23.0	PHAS=	92.8	FOM=	0.16	TEST=	0
INDE	8	66	28	FOBS=	71.8	SIGMA=	3.9	PHAS=	139.9	FOM=	0.44	TEST=	0
INDE	8	66	30	FOBS=	38.3	SIGMA=	7.4	PHAS=	-57.1	FOM=	0.46	TEST=	0
INDE	8	66	32	FOBS=	68.1	SIGMA=	4.2	PHAS=	-97.0	FOM=	0.80	TEST=	0
INDE	8	66	34	FOBS=	37.3	SIGMA=	7.6	PHAS=	-158.0	FOM=	0.28	TEST=	1
INDE	8	66	36	FOBS=	58.0	SIGMA=	5.0	PHAS=	137.7	FOM=	0.22	TEST=	1
INDE	8	66	38	FOBS=	29.2	SIGMA=	10.0	PHAS=	96.3	FOM=	0.07	TEST=	1
INDE	8	66	40	FOBS=	67.8	SIGMA=	4.5	PHAS=	-62.8	FOM=	0.29	TEST=	0
INDE	8	67	9	FOBS=	94.0	SIGMA=	5.3	PHAS=	50.9	FOM=	0.77	TEST=	0
INDE	8	67	11	FOBS=	84.9	SIGMA=	4.2	PHAS=	60.3	FOM=	0.88	TEST=	0
INDE	8	67	13	FOBS=	27.8	SIGMA=	12.6	PHAS=	-87.9	FOM=	0.22	TEST=	0
INDE	8	67	15	FOBS=	41.8	SIGMA=	8.3	PHAS=	-35.0	FOM=	0.52	TEST=	0
INDE	8	67	17	FOBS=	49.6	SIGMA=	7.0	PHAS=	-107.1	FOM=	0.66	TEST=	1
INDE	8	67	19	FOBS=	44.7	SIGMA=	4.8	PHAS=	-46.0	FOM=	0.37	TEST=	0
INDE	8	67	21	FOBS=	53.7	SIGMA=	4.4	PHAS=	-105.5	FOM=	0.47	TEST=	0
INDE	8	67	23	FOBS=	55.6	SIGMA=	3.8	PHAS=	45.5	FOM=	0.33	TEST=	0
INDE	8	67	25	FOBS=	84.3	SIGMA=	2.6	PHAS=	-151.3	FOM=	0.91	TEST=	0
INDE	8	67	27	FOBS=	66.7	SIGMA=	3.5	PHAS=	-88.3	FOM=	0.82	TEST=	0
INDE	8	67	29	FOBS=	56.8	SIGMA=	5.0	PHAS=	113.8	FOM=	0.80	TEST=	0
INDE	8	67	31	FOBS=	107.6	SIGMA=	2.7	PHAS=	-128.8	FOM=	0.88	TEST=	0
INDE	8	67	33	FOBS=	32.4	SIGMA=	10.9	PHAS=	171.5	FOM=	0.17	TEST=	0
INDE	8	67	35	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	8	67	37	FOBS=	0.0	SIGMA=	24.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	68	14	FOBS=	19.7	SIGMA=	24.4	PHAS=	-2.8	FOM=	0.16	TEST=	0
INDE	8	68	16	FOBS=	43.7	SIGMA=	7.9	PHAS=	-74.0	FOM=	0.26	TEST=	0
INDE	8	68	18	FOBS=	33.6	SIGMA=	10.3	PHAS=	166.5	FOM=	0.20	TEST=	0
INDE	8	68	20	FOBS=	68.4	SIGMA=	3.3	PHAS=	-81.9	FOM=	0.51	TEST=	0
INDE	8	68	22	FOBS=	47.8	SIGMA=	5.0	PHAS=	38.3	FOM=	0.22	TEST=	0
INDE	8	68	24	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	68	26	FOBS=	99.0	SIGMA=	2.3	PHAS=	138.4	FOM=	0.93	TEST=	0
INDE	8	68	28	FOBS=	58.0	SIGMA=	4.1	PHAS=	81.6	FOM=	0.82	TEST=	0
INDE	8	68	30	FOBS=	56.9	SIGMA=	5.2	PHAS=	142.7	FOM=	0.77	TEST=	0
INDE	8	68	32	FOBS=	0.0	SIGMA=	26.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	68	34	FOBS=	0.0	SIGMA=	26.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	68	36	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	69	17	FOBS=	0.0	SIGMA=	31.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	69	19	FOBS=	54.2	SIGMA=	9.0	PHAS=	-29.7	FOM=	0.39	TEST=	0
INDE	8	69	21	FOBS=	61.8	SIGMA=	8.1	PHAS=	174.2	FOM=	0.12	TEST=	0
INDE	8	69	23	FOBS=	18.8	SIGMA=	18.6	PHAS=	53.0	FOM=	0.55	TEST=	0
INDE	8	69	25	FOBS=	61.9	SIGMA=	3.6	PHAS=	77.1	FOM=	0.84	TEST=	0
INDE	8	69	27	FOBS=	46.3	SIGMA=	6.0	PHAS=	-36.9	FOM=	0.29	TEST=	0
INDE	8	69	29	FOBS=	29.1	SIGMA=	9.8	PHAS=	90.5	FOM=	0.62	TEST=	0
INDE	8	69	31	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	69	33	FOBS=	87.6	SIGMA=	3.5	PHAS=	-94.1	FOM=	0.87	TEST=	0
INDE	8	70	20	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	8	70	22	FOBS=	17.8	SIGMA=	15.6	PHAS=	149.0	FOM=	0.19	TEST=	0
INDE	8	70	24	FOBS=	55.4	SIGMA=	5.2	PHAS=	-25.2	FOM=	0.92	TEST=	0
INDE	8	70	26	FOBS=	21.1	SIGMA=	12.6	PHAS=	121.7	FOM=	0.07	TEST=	0

INDE	8	70	28	FOBS=	49.3	SIGMA=	5.7	PHAS=	74.6	FOM=	0.59	TEST=	0
INDE	8	70	30	FOBS=	32.0	SIGMA=	7.7	PHAS=	-14.3	FOM=	0.16	TEST=	0
INDE	8	70	32	FOBS=	62.5	SIGMA=	4.8	PHAS=	-166.9	FOM=	0.81	TEST=	0
INDE	8	71	21	FOBS=	38.8	SIGMA=	7.4	PHAS=	102.9	FOM=	0.10	TEST=	1
INDE	8	71	23	FOBS=	12.3	SIGMA=	27.8	PHAS=	7.1	FOM=	0.22	TEST=	0
INDE	8	71	25	FOBS=	61.1	SIGMA=	6.0	PHAS=	-123.5	FOM=	0.82	TEST=	0
INDE	8	71	27	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	71	29	FOBS=	38.5	SIGMA=	9.1	PHAS=	97.3	FOM=	0.39	TEST=	0
INDE	8	72	22	FOBS=	21.7	SIGMA=	14.1	PHAS=	-102.4	FOM=	0.01	TEST=	0
INDE	8	72	24	FOBS=	0.0	SIGMA=	26.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	8	72	26	FOBS=	12.4	SIGMA=	23.1	PHAS=	106.1	FOM=	0.11	TEST=	0
INDE	8	72	28	FOBS=	60.0	SIGMA=	5.4	PHAS=	-35.1	FOM=	0.45	TEST=	0
INDE	8	73	23	FOBS=	54.6	SIGMA=	5.9	PHAS=	14.3	FOM=	0.27	TEST=	0
INDE	8	73	25	FOBS=	29.2	SIGMA=	13.2	PHAS=	46.5	FOM=	0.51	TEST=	0
INDE	8	74	8	FOBS=	68.2	SIGMA=	5.9	PHAS=	177.8	FOM=	0.54	TEST=	0
INDE	8	76	8	FOBS=	0.0	SIGMA=	28.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	10	13	FOBS=	156.2	SIGMA=	0.6	PHAS=	-69.1	FOM=	0.85	TEST=	0
INDE	9	10	15	FOBS=	105.9	SIGMA=	0.6	PHAS=	-177.4	FOM=	0.70	TEST=	0
INDE	9	10	17	FOBS=	320.2	SIGMA=	0.4	PHAS=	93.2	FOM=	0.94	TEST=	0
INDE	9	10	19	FOBS=	174.1	SIGMA=	0.4	PHAS=	-59.9	FOM=	0.87	TEST=	0
INDE	9	10	21	FOBS=	319.3	SIGMA=	0.5	PHAS=	-2.5	FOM=	0.95	TEST=	0
INDE	9	10	23	FOBS=	44.2	SIGMA=	1.4	PHAS=	-48.9	FOM=	0.91	TEST=	0
INDE	9	10	25	FOBS=	131.6	SIGMA=	0.6	PHAS=	123.9	FOM=	0.99	TEST=	0
INDE	9	10	27	FOBS=	77.6	SIGMA=	1.0	PHAS=	173.2	FOM=	0.31	TEST=	0
INDE	9	10	29	FOBS=	112.4	SIGMA=	0.7	PHAS=	139.7	FOM=	0.99	TEST=	0
INDE	9	10	31	FOBS=	52.0	SIGMA=	1.7	PHAS=	133.2	FOM=	0.88	TEST=	0
INDE	9	10	33	FOBS=	96.7	SIGMA=	1.3	PHAS=	63.5	FOM=	0.99	TEST=	0
INDE	9	10	35	FOBS=	204.2	SIGMA=	1.0	PHAS=	-42.5	FOM=	0.94	TEST=	0
INDE	9	10	37	FOBS=	220.1	SIGMA=	0.8	PHAS=	79.0	FOM=	0.99	TEST=	0
INDE	9	10	39	FOBS=	15.4	SIGMA=	11.1	PHAS=	-29.2	FOM=	0.02	TEST=	0
INDE	9	10	41	FOBS=	311.2	SIGMA=	0.7	PHAS=	-154.7	FOM=	0.92	TEST=	0
INDE	9	10	43	FOBS=	130.0	SIGMA=	1.5	PHAS=	60.8	FOM=	0.66	TEST=	0
INDE	9	10	45	FOBS=	250.5	SIGMA=	0.9	PHAS=	-140.5	FOM=	0.96	TEST=	0
INDE	9	10	47	FOBS=	102.8	SIGMA=	2.1	PHAS=	16.1	FOM=	0.75	TEST=	1
INDE	9	10	49	FOBS=	153.5	SIGMA=	1.4	PHAS=	-73.1	FOM=	0.88	TEST=	1
INDE	9	10	51	FOBS=	234.4	SIGMA=	1.0	PHAS=	-170.9	FOM=	0.92	TEST=	1
INDE	9	10	53	FOBS=	50.9	SIGMA=	4.4	PHAS=	-54.3	FOM=	0.54	TEST=	0
INDE	9	10	55	FOBS=	63.3	SIGMA=	2.8	PHAS=	57.9	FOM=	0.98	TEST=	0
INDE	9	10	57	FOBS=	177.7	SIGMA=	1.6	PHAS=	148.1	FOM=	0.68	TEST=	1
INDE	9	10	59	FOBS=	129.6	SIGMA=	2.1	PHAS=	-125.7	FOM=	0.82	TEST=	0
INDE	9	10	61	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	10	63	FOBS=	101.4	SIGMA=	3.6	PHAS=	85.5	FOM=	0.10	TEST=	1
INDE	9	10	65	FOBS=	153.5	SIGMA=	2.5	PHAS=	10.6	FOM=	0.97	TEST=	0
INDE	9	11	12	FOBS=	149.6	SIGMA=	0.5	PHAS=	-9.3	FOM=	0.74	TEST=	0
INDE	9	11	14	FOBS=	40.0	SIGMA=	1.6	PHAS=	-34.2	FOM=	0.89	TEST=	0
INDE	9	11	16	FOBS=	27.0	SIGMA=	2.2	PHAS=	3.4	FOM=	0.32	TEST=	0
INDE	9	11	18	FOBS=	93.9	SIGMA=	0.6	PHAS=	-135.3	FOM=	0.73	TEST=	0
INDE	9	11	20	FOBS=	204.6	SIGMA=	0.4	PHAS=	-179.6	FOM=	0.95	TEST=	0
INDE	9	11	22	FOBS=	52.6	SIGMA=	1.1	PHAS=	-104.2	FOM=	0.52	TEST=	0
INDE	9	11	24	FOBS=	172.2	SIGMA=	0.5	PHAS=	-84.3	FOM=	0.98	TEST=	1
INDE	9	11	26	FOBS=	22.2	SIGMA=	2.9	PHAS=	-10.9	FOM=	0.87	TEST=	0
INDE	9	11	28	FOBS=	56.3	SIGMA=	1.3	PHAS=	-13.0	FOM=	0.96	TEST=	0
INDE	9	11	30	FOBS=	195.2	SIGMA=	0.6	PHAS=	-98.8	FOM=	0.97	TEST=	0
INDE	9	11	32	FOBS=	32.5	SIGMA=	3.2	PHAS=	-129.9	FOM=	0.93	TEST=	0
INDE	9	11	34	FOBS=	61.7	SIGMA=	2.0	PHAS=	-64.4	FOM=	0.96	TEST=	0
INDE	9	11	36	FOBS=	223.2	SIGMA=	0.7	PHAS=	130.7	FOM=	0.98	TEST=	0
INDE	9	11	38	FOBS=	232.6	SIGMA=	0.8	PHAS=	-133.5	FOM=	0.95	TEST=	0
INDE	9	11	40	FOBS=	185.1	SIGMA=	1.0	PHAS=	39.4	FOM=	0.89	TEST=	0
INDE	9	11	42	FOBS=	216.5	SIGMA=	1.0	PHAS=	121.6	FOM=	0.40	TEST=	1
INDE	9	11	44	FOBS=	284.8	SIGMA=	1.0	PHAS=	143.7	FOM=	0.97	TEST=	0
INDE	9	11	46	FOBS=	68.9	SIGMA=	3.1	PHAS=	94.5	FOM=	0.52	TEST=	0
INDE	9	11	48	FOBS=	64.3	SIGMA=	2.7	PHAS=	-170.5	FOM=	0.85	TEST=	0
INDE	9	11	50	FOBS=	115.6	SIGMA=	1.3	PHAS=	-39.3	FOM=	0.96	TEST=	0
INDE	9	11	52	FOBS=	15.0	SIGMA=	9.2	PHAS=	127.5	FOM=	0.76	TEST=	0
INDE	9	11	54	FOBS=	162.7	SIGMA=	1.0	PHAS=	120.1	FOM=	0.92	TEST=	0
INDE	9	11	56	FOBS=	134.2	SIGMA=	1.5	PHAS=	135.8	FOM=	0.94	TEST=	0
INDE	9	11	58	FOBS=	126.9	SIGMA=	2.1	PHAS=	117.6	FOM=	0.90	TEST=	0
INDE	9	11	60	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	11	62	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	11	64	FOBS=	30.9	SIGMA=	11.3	PHAS=	-117.5	FOM=	0.43	TEST=	0

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INDE	9	11	66	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	12	11	FOBS=	150.9	SIGMA=	0.5	PHAS=	140.1	FOM=	0.90	TEST=	0
INDE	9	12	13	FOBS=	270.3	SIGMA=	0.5	PHAS=	-60.3	FOM=	0.99	TEST=	0
INDE	9	12	15	FOBS=	168.9	SIGMA=	0.4	PHAS=	-164.6	FOM=	0.89	TEST=	0
INDE	9	12	17	FOBS=	260.5	SIGMA=	0.4	PHAS=	130.1	FOM=	0.51	TEST=	1
INDE	9	12	19	FOBS=	87.8	SIGMA=	0.7	PHAS=	78.2	FOM=	0.88	TEST=	0
INDE	9	12	21	FOBS=	42.1	SIGMA=	1.4	PHAS=	61.0	FOM=	0.95	TEST=	0
INDE	9	12	23	FOBS=	176.0	SIGMA=	0.5	PHAS=	-122.7	FOM=	0.99	TEST=	0
INDE	9	12	25	FOBS=	127.5	SIGMA=	0.6	PHAS=	-160.7	FOM=	0.94	TEST=	0
INDE	9	12	27	FOBS=	70.6	SIGMA=	1.0	PHAS=	-151.8	FOM=	0.98	TEST=	0
INDE	9	12	29	FOBS=	195.0	SIGMA=	0.5	PHAS=	142.1	FOM=	0.32	TEST=	1
INDE	9	12	31	FOBS=	167.1	SIGMA=	0.7	PHAS=	173.0	FOM=	0.98	TEST=	0
INDE	9	12	33	FOBS=	99.6	SIGMA=	1.1	PHAS=	-18.5	FOM=	0.87	TEST=	0
INDE	9	12	35	FOBS=	147.2	SIGMA=	1.0	PHAS=	96.4	FOM=	0.92	TEST=	1
INDE	9	12	37	FOBS=	235.7	SIGMA=	0.8	PHAS=	125.8	FOM=	0.99	TEST=	0
INDE	9	12	39	FOBS=	142.2	SIGMA=	1.0	PHAS=	19.4	FOM=	0.89	TEST=	0
INDE	9	12	41	FOBS=	298.5	SIGMA=	1.0	PHAS=	-92.8	FOM=	0.98	TEST=	0
INDE	9	12	43	FOBS=	230.5	SIGMA=	0.8	PHAS=	9.9	FOM=	0.93	TEST=	0
INDE	9	12	45	FOBS=	190.8	SIGMA=	0.8	PHAS=	78.6	FOM=	0.60	TEST=	1
INDE	9	12	47	FOBS=	150.5	SIGMA=	1.5	PHAS=	-144.3	FOM=	0.63	TEST=	0
INDE	9	12	49	FOBS=	220.3	SIGMA=	0.9	PHAS=	-130.6	FOM=	0.91	TEST=	0
INDE	9	12	51	FOBS=	59.0	SIGMA=	2.3	PHAS=	-122.1	FOM=	0.53	TEST=	0
INDE	9	12	53	FOBS=	43.5	SIGMA=	3.0	PHAS=	98.2	FOM=	0.13	TEST=	0
INDE	9	12	55	FOBS=	265.1	SIGMA=	1.0	PHAS=	6.2	FOM=	0.96	TEST=	0
INDE	9	12	57	FOBS=	75.7	SIGMA=	2.6	PHAS=	61.0	FOM=	0.24	TEST=	1
INDE	9	12	59	FOBS=	66.2	SIGMA=	3.0	PHAS=	-74.0	FOM=	0.78	TEST=	1
INDE	9	12	61	FOBS=	41.0	SIGMA=	6.2	PHAS=	-113.5	FOM=	0.74	TEST=	0
INDE	9	12	63	FOBS=	43.6	SIGMA=	6.5	PHAS=	60.7	FOM=	0.34	TEST=	0
INDE	9	12	65	FOBS=	86.5	SIGMA=	4.2	PHAS=	28.2	FOM=	0.58	TEST=	1
INDE	9	13	10	FOBS=	136.2	SIGMA=	0.5	PHAS=	176.6	FOM=	0.35	TEST=	0
INDE	9	13	12	FOBS=	84.7	SIGMA=	0.7	PHAS=	-44.4	FOM=	0.95	TEST=	0
INDE	9	13	14	FOBS=	146.4	SIGMA=	0.6	PHAS=	-41.9	FOM=	0.83	TEST=	0
INDE	9	13	16	FOBS=	228.9	SIGMA=	0.5	PHAS=	109.6	FOM=	0.90	TEST=	0
INDE	9	13	18	FOBS=	73.2	SIGMA=	0.8	PHAS=	30.9	FOM=	0.95	TEST=	0
INDE	9	13	20	FOBS=	13.7	SIGMA=	4.0	PHAS=	138.3	FOM=	0.89	TEST=	0
INDE	9	13	22	FOBS=	320.7	SIGMA=	0.4	PHAS=	105.7	FOM=	0.96	TEST=	0
INDE	9	13	24	FOBS=	76.4	SIGMA=	0.8	PHAS=	175.3	FOM=	0.94	TEST=	0
INDE	9	13	26	FOBS=	105.6	SIGMA=	0.6	PHAS=	101.0	FOM=	0.96	TEST=	0
INDE	9	13	28	FOBS=	193.9	SIGMA=	0.4	PHAS=	79.4	FOM=	0.99	TEST=	0
INDE	9	13	30	FOBS=	35.1	SIGMA=	2.1	PHAS=	108.8	FOM=	0.95	TEST=	0
INDE	9	13	32	FOBS=	258.4	SIGMA=	0.5	PHAS=	-166.0	FOM=	0.94	TEST=	0
INDE	9	13	34	FOBS=	114.8	SIGMA=	0.8	PHAS=	-111.7	FOM=	0.33	TEST=	0
INDE	9	13	36	FOBS=	328.4	SIGMA=	0.7	PHAS=	62.4	FOM=	0.99	TEST=	0
INDE	9	13	38	FOBS=	139.2	SIGMA=	0.9	PHAS=	-153.7	FOM=	0.90	TEST=	0
INDE	9	13	40	FOBS=	56.8	SIGMA=	2.2	PHAS=	19.9	FOM=	0.80	TEST=	0
INDE	9	13	42	FOBS=	183.9	SIGMA=	0.9	PHAS=	-123.5	FOM=	0.71	TEST=	0
INDE	9	13	44	FOBS=	220.7	SIGMA=	1.2	PHAS=	147.8	FOM=	0.91	TEST=	0
INDE	9	13	46	FOBS=	157.6	SIGMA=	1.2	PHAS=	-138.5	FOM=	0.92	TEST=	0
INDE	9	13	48	FOBS=	65.5	SIGMA=	2.3	PHAS=	115.4	FOM=	0.82	TEST=	0
INDE	9	13	50	FOBS=	86.7	SIGMA=	1.7	PHAS=	-178.1	FOM=	0.86	TEST=	0
INDE	9	13	52	FOBS=	150.7	SIGMA=	1.2	PHAS=	-170.1	FOM=	0.97	TEST=	0
INDE	9	13	54	FOBS=	142.8	SIGMA=	1.1	PHAS=	-77.3	FOM=	0.94	TEST=	1
INDE	9	13	56	FOBS=	71.5	SIGMA=	2.8	PHAS=	-50.6	FOM=	0.73	TEST=	0
INDE	9	13	58	FOBS=	72.5	SIGMA=	2.8	PHAS=	132.0	FOM=	0.89	TEST=	0
INDE	9	13	60	FOBS=	61.8	SIGMA=	3.2	PHAS=	91.1	FOM=	0.63	TEST=	0
INDE	9	13	62	FOBS=	38.5	SIGMA=	4.9	PHAS=	-84.4	FOM=	0.50	TEST=	0
INDE	9	13	64	FOBS=	128.8	SIGMA=	2.9	PHAS=	-65.1	FOM=	0.93	TEST=	0
INDE	9	13	66	FOBS=	33.0	SIGMA=	15.0	PHAS=	-175.7	FOM=	0.32	TEST=	0
INDE	9	14	9	FOBS=	242.8	SIGMA=	0.5	PHAS=	147.4	FOM=	0.96	TEST=	0
INDE	9	14	11	FOBS=	381.2	SIGMA=	0.5	PHAS=	105.0	FOM=	0.97	TEST=	0
INDE	9	14	13	FOBS=	93.3	SIGMA=	0.6	PHAS=	-113.9	FOM=	0.83	TEST=	0
INDE	9	14	15	FOBS=	254.4	SIGMA=	0.5	PHAS=	-171.6	FOM=	0.90	TEST=	0
INDE	9	14	17	FOBS=	81.3	SIGMA=	0.7	PHAS=	26.3	FOM=	0.64	TEST=	1
INDE	9	14	19	FOBS=	69.6	SIGMA=	0.9	PHAS=	-47.2	FOM=	0.91	TEST=	0
INDE	9	14	21	FOBS=	186.0	SIGMA=	0.4	PHAS=	-18.3	FOM=	0.92	TEST=	1
INDE	9	14	23	FOBS=	110.6	SIGMA=	0.6	PHAS=	-44.3	FOM=	0.06	TEST=	0
INDE	9	14	25	FOBS=	151.4	SIGMA=	0.5	PHAS=	-25.1	FOM=	0.99	TEST=	0
INDE	9	14	27	FOBS=	91.6	SIGMA=	0.7	PHAS=	-77.1	FOM=	0.93	TEST=	0
INDE	9	14	29	FOBS=	115.5	SIGMA=	0.7	PHAS=	61.3	FOM=	0.87	TEST=	0
INDE	9	14	31	FOBS=	303.0	SIGMA=	0.5	PHAS=	135.1	FOM=	0.94	TEST=	0

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INDE	9	14	33	FOBS=	173.5	SIGMA=	0.6	PHAS=	163.5	FOM=	0.93	TEST=	0
INDE	9	14	35	FOBS=	447.6	SIGMA=	0.6	PHAS=	-45.5	FOM=	0.98	TEST=	0
INDE	9	14	37	FOBS=	140.7	SIGMA=	1.0	PHAS=	53.8	FOM=	0.95	TEST=	0
INDE	9	14	39	FOBS=	147.2	SIGMA=	0.9	PHAS=	106.2	FOM=	0.95	TEST=	0
INDE	9	14	41	FOBS=	188.5	SIGMA=	1.0	PHAS=	-116.9	FOM=	0.92	TEST=	0
INDE	9	14	43	FOBS=	80.2	SIGMA=	1.8	PHAS=	39.8	FOM=	0.53	TEST=	0
INDE	9	14	45	FOBS=	138.8	SIGMA=	1.1	PHAS=	116.3	FOM=	0.69	TEST=	1
INDE	9	14	47	FOBS=	266.2	SIGMA=	0.7	PHAS=	-56.1	FOM=	0.37	TEST=	1
INDE	9	14	49	FOBS=	62.1	SIGMA=	2.8	PHAS=	117.3	FOM=	0.85	TEST=	0
INDE	9	14	51	FOBS=	140.4	SIGMA=	1.2	PHAS=	85.2	FOM=	0.95	TEST=	0
INDE	9	14	53	FOBS=	147.2	SIGMA=	1.1	PHAS=	-138.2	FOM=	0.81	TEST=	0
INDE	9	14	55	FOBS=	63.4	SIGMA=	3.2	PHAS=	-13.5	FOM=	0.07	TEST=	0
INDE	9	14	57	FOBS=	92.4	SIGMA=	2.2	PHAS=	119.3	FOM=	0.85	TEST=	1
INDE	9	14	59	FOBS=	99.2	SIGMA=	2.0	PHAS=	-52.6	FOM=	0.90	TEST=	0
INDE	9	14	61	FOBS=	117.1	SIGMA=	1.7	PHAS=	-148.5	FOM=	0.96	TEST=	0
INDE	9	14	63	FOBS=	18.1	SIGMA=	15.0	PHAS=	50.4	FOM=	0.30	TEST=	0
INDE	9	14	65	FOBS=	130.5	SIGMA=	2.2	PHAS=	-167.4	FOM=	0.19	TEST=	1
INDE	9	15	10	FOBS=	182.4	SIGMA=	0.4	PHAS=	-34.5	FOM=	0.91	TEST=	0
INDE	9	15	12	FOBS=	226.2	SIGMA=	0.5	PHAS=	-39.7	FOM=	0.91	TEST=	0
INDE	9	15	14	FOBS=	268.0	SIGMA=	0.5	PHAS=	87.7	FOM=	0.94	TEST=	0
INDE	9	15	16	FOBS=	49.2	SIGMA=	1.3	PHAS=	34.4	FOM=	0.43	TEST=	0
INDE	9	15	18	FOBS=	40.6	SIGMA=	1.4	PHAS=	159.0	FOM=	0.35	TEST=	0
INDE	9	15	20	FOBS=	87.2	SIGMA=	0.7	PHAS=	-119.0	FOM=	0.99	TEST=	0
INDE	9	15	22	FOBS=	30.2	SIGMA=	2.1	PHAS=	97.4	FOM=	0.90	TEST=	0
INDE	9	15	24	FOBS=	175.4	SIGMA=	0.4	PHAS=	-153.6	FOM=	0.87	TEST=	0
INDE	9	15	26	FOBS=	72.1	SIGMA=	0.9	PHAS=	-168.6	FOM=	0.88	TEST=	0
INDE	9	15	28	FOBS=	200.8	SIGMA=	0.5	PHAS=	44.5	FOM=	0.94	TEST=	0
INDE	9	15	30	FOBS=	239.7	SIGMA=	0.4	PHAS=	97.6	FOM=	0.96	TEST=	0
INDE	9	15	32	FOBS=	116.5	SIGMA=	0.8	PHAS=	6.1	FOM=	0.73	TEST=	0
INDE	9	15	34	FOBS=	16.0	SIGMA=	6.1	PHAS=	-172.4	FOM=	0.02	TEST=	1
INDE	9	15	36	FOBS=	170.2	SIGMA=	0.6	PHAS=	-165.6	FOM=	0.92	TEST=	0
INDE	9	15	38	FOBS=	165.4	SIGMA=	0.7	PHAS=	26.1	FOM=	0.85	TEST=	0
INDE	9	15	40	FOBS=	27.7	SIGMA=	4.4	PHAS=	-56.3	FOM=	0.07	TEST=	0
INDE	9	15	42	FOBS=	330.3	SIGMA=	1.0	PHAS=	-78.7	FOM=	0.92	TEST=	0
INDE	9	15	44	FOBS=	158.8	SIGMA=	1.0	PHAS=	-15.5	FOM=	0.85	TEST=	0
INDE	9	15	46	FOBS=	279.3	SIGMA=	1.0	PHAS=	-137.7	FOM=	0.95	TEST=	0
INDE	9	15	48	FOBS=	128.1	SIGMA=	1.2	PHAS=	40.4	FOM=	0.86	TEST=	0
INDE	9	15	50	FOBS=	94.7	SIGMA=	1.5	PHAS=	-51.7	FOM=	0.96	TEST=	0
INDE	9	15	52	FOBS=	88.3	SIGMA=	1.8	PHAS=	179.7	FOM=	0.91	TEST=	0
INDE	9	15	54	FOBS=	105.6	SIGMA=	2.0	PHAS=	-125.0	FOM=	0.78	TEST=	0
INDE	9	15	56	FOBS=	58.1	SIGMA=	3.5	PHAS=	17.2	FOM=	0.90	TEST=	1
INDE	9	15	58	FOBS=	78.2	SIGMA=	2.6	PHAS=	87.9	FOM=	0.84	TEST=	0
INDE	9	15	60	FOBS=	164.5	SIGMA=	1.3	PHAS=	117.0	FOM=	0.97	TEST=	0
INDE	9	15	62	FOBS=	36.1	SIGMA=	5.4	PHAS=	82.8	FOM=	0.82	TEST=	0
INDE	9	15	64	FOBS=	49.8	SIGMA=	5.7	PHAS=	58.6	FOM=	0.38	TEST=	0
INDE	9	15	66	FOBS=	132.4	SIGMA=	3.6	PHAS=	93.2	FOM=	0.95	TEST=	0
INDE	9	15	68	FOBS=	47.8	SIGMA=	9.6	PHAS=	61.9	FOM=	0.68	TEST=	0
INDE	9	16	9	FOBS=	263.7	SIGMA=	0.5	PHAS=	-87.5	FOM=	0.85	TEST=	0
INDE	9	16	11	FOBS=	130.6	SIGMA=	0.5	PHAS=	141.6	FOM=	0.81	TEST=	0
INDE	9	16	13	FOBS=	136.8	SIGMA=	0.5	PHAS=	-119.6	FOM=	0.74	TEST=	0
INDE	9	16	15	FOBS=	147.1	SIGMA=	0.6	PHAS=	6.1	FOM=	0.84	TEST=	0
INDE	9	16	17	FOBS=	106.7	SIGMA=	0.7	PHAS=	-159.2	FOM=	0.80	TEST=	0
INDE	9	16	19	FOBS=	100.5	SIGMA=	0.7	PHAS=	-14.1	FOM=	0.99	TEST=	0
INDE	9	16	21	FOBS=	111.3	SIGMA=	0.6	PHAS=	37.7	FOM=	0.99	TEST=	0
INDE	9	16	23	FOBS=	230.4	SIGMA=	0.4	PHAS=	-126.5	FOM=	0.99	TEST=	0
INDE	9	16	25	FOBS=	176.3	SIGMA=	0.5	PHAS=	31.1	FOM=	0.97	TEST=	0
INDE	9	16	27	FOBS=	160.2	SIGMA=	0.5	PHAS=	173.7	FOM=	0.99	TEST=	0
INDE	9	16	29	FOBS=	142.5	SIGMA=	0.6	PHAS=	-25.4	FOM=	0.90	TEST=	0
INDE	9	16	31	FOBS=	157.9	SIGMA=	0.6	PHAS=	22.7	FOM=	0.97	TEST=	0
INDE	9	16	33	FOBS=	205.9	SIGMA=	0.5	PHAS=	174.6	FOM=	0.95	TEST=	0
INDE	9	16	35	FOBS=	285.6	SIGMA=	0.5	PHAS=	34.5	FOM=	0.93	TEST=	0
INDE	9	16	37	FOBS=	317.3	SIGMA=	0.5	PHAS=	-37.9	FOM=	0.96	TEST=	0
INDE	9	16	39	FOBS=	118.5	SIGMA=	1.0	PHAS=	-156.5	FOM=	0.93	TEST=	0
INDE	9	16	41	FOBS=	102.2	SIGMA=	1.3	PHAS=	148.5	FOM=	0.82	TEST=	0
INDE	9	16	43	FOBS=	260.5	SIGMA=	0.8	PHAS=	-175.5	FOM=	0.92	TEST=	0
INDE	9	16	45	FOBS=	101.8	SIGMA=	1.6	PHAS=	-160.0	FOM=	0.93	TEST=	0
INDE	9	16	47	FOBS=	180.9	SIGMA=	0.9	PHAS=	-30.4	FOM=	0.66	TEST=	1
INDE	9	16	49	FOBS=	127.4	SIGMA=	1.2	PHAS=	65.7	FOM=	0.95	TEST=	0
INDE	9	16	51	FOBS=	87.5	SIGMA=	1.9	PHAS=	-95.6	FOM=	0.70	TEST=	0
INDE	9	16	53	FOBS=	61.8	SIGMA=	3.3	PHAS=	-115.4	FOM=	0.35	TEST=	0

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INDE	9	16	55	FOBS=	141.1	SIGMA=	1.5	PHAS=	-110.9	FOM=	0.89	TEST=	0
INDE	9	16	57	FOBS=	133.3	SIGMA=	1.6	PHAS=	-11.8	FOM=	0.93	TEST=	0
INDE	9	16	59	FOBS=	121.9	SIGMA=	1.7	PHAS=	-26.2	FOM=	0.95	TEST=	0
INDE	9	16	61	FOBS=	150.1	SIGMA=	1.4	PHAS=	-42.6	FOM=	0.97	TEST=	0
INDE	9	16	63	FOBS=	3.7	SIGMA=	74.3	PHAS=	40.3	FOM=	0.05	TEST=	0
INDE	9	16	65	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	16	67	FOBS=	110.7	SIGMA=	4.3	PHAS=	-25.0	FOM=	0.90	TEST=	0
INDE	9	16	69	FOBS=	73.8	SIGMA=	6.3	PHAS=	-171.8	FOM=	0.07	TEST=	1
INDE	9	16	71	FOBS=	70.6	SIGMA=	6.7	PHAS=	-4.4	FOM=	0.67	TEST=	0
INDE	9	17	10	FOBS=	181.5	SIGMA=	0.4	PHAS=	-81.5	FOM=	0.91	TEST=	0
INDE	9	17	12	FOBS=	21.2	SIGMA=	2.7	PHAS=	-158.4	FOM=	0.47	TEST=	1
INDE	9	17	14	FOBS=	135.7	SIGMA=	0.5	PHAS=	153.6	FOM=	0.93	TEST=	0
INDE	9	17	16	FOBS=	59.7	SIGMA=	1.1	PHAS=	-78.3	FOM=	0.89	TEST=	0
INDE	9	17	18	FOBS=	169.1	SIGMA=	0.5	PHAS=	124.9	FOM=	0.97	TEST=	0
INDE	9	17	20	FOBS=	54.2	SIGMA=	1.2	PHAS=	-115.0	FOM=	0.93	TEST=	0
INDE	9	17	22	FOBS=	147.5	SIGMA=	0.5	PHAS=	124.7	FOM=	0.99	TEST=	0
INDE	9	17	24	FOBS=	133.2	SIGMA=	0.7	PHAS=	-104.8	FOM=	0.94	TEST=	1
INDE	9	17	26	FOBS=	82.3	SIGMA=	0.9	PHAS=	97.8	FOM=	0.98	TEST=	0
INDE	9	17	28	FOBS=	209.4	SIGMA=	0.5	PHAS=	49.6	FOM=	0.97	TEST=	0
INDE	9	17	30	FOBS=	58.3	SIGMA=	1.4	PHAS=	170.5	FOM=	0.96	TEST=	0
INDE	9	17	32	FOBS=	99.2	SIGMA=	0.9	PHAS=	-171.0	FOM=	0.93	TEST=	0
INDE	9	17	34	FOBS=	200.3	SIGMA=	0.7	PHAS=	70.5	FOM=	0.92	TEST=	0
INDE	9	17	36	FOBS=	505.0	SIGMA=	0.5	PHAS=	-134.8	FOM=	0.98	TEST=	0
INDE	9	17	38	FOBS=	90.7	SIGMA=	1.2	PHAS=	-10.8	FOM=	0.43	TEST=	0
INDE	9	17	40	FOBS=	74.6	SIGMA=	1.6	PHAS=	-70.8	FOM=	0.89	TEST=	0
INDE	9	17	42	FOBS=	41.9	SIGMA=	3.3	PHAS=	5.2	FOM=	0.62	TEST=	0
INDE	9	17	44	FOBS=	243.3	SIGMA=	0.8	PHAS=	103.9	FOM=	0.90	TEST=	0
INDE	9	17	46	FOBS=	205.3	SIGMA=	0.8	PHAS=	-22.8	FOM=	0.95	TEST=	0
INDE	9	17	48	FOBS=	127.9	SIGMA=	1.4	PHAS=	-59.2	FOM=	0.91	TEST=	0
INDE	9	17	50	FOBS=	43.2	SIGMA=	4.8	PHAS=	-76.7	FOM=	0.79	TEST=	0
INDE	9	17	52	FOBS=	91.8	SIGMA=	2.3	PHAS=	175.1	FOM=	0.72	TEST=	0
INDE	9	17	54	FOBS=	149.7	SIGMA=	1.5	PHAS=	164.2	FOM=	0.95	TEST=	0
INDE	9	17	56	FOBS=	150.9	SIGMA=	1.4	PHAS=	-165.8	FOM=	0.95	TEST=	0
INDE	9	17	58	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	17	60	FOBS=	100.0	SIGMA=	2.1	PHAS=	-144.5	FOM=	0.94	TEST=	0
INDE	9	17	62	FOBS=	43.9	SIGMA=	5.4	PHAS=	-119.2	FOM=	0.53	TEST=	0
INDE	9	17	64	FOBS=	114.0	SIGMA=	2.5	PHAS=	41.8	FOM=	0.93	TEST=	0
INDE	9	17	66	FOBS=	51.6	SIGMA=	9.1	PHAS=	-41.5	FOM=	0.13	TEST=	1
INDE	9	17	68	FOBS=	55.4	SIGMA=	8.5	PHAS=	148.8	FOM=	0.59	TEST=	0
INDE	9	17	70	FOBS=	23.9	SIGMA=	19.5	PHAS=	126.8	FOM=	0.32	TEST=	0
INDE	9	17	72	FOBS=	0.0	SIGMA=	30.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	18	9	FOBS=	135.2	SIGMA=	0.5	PHAS=	-6.2	FOM=	0.83	TEST=	0
INDE	9	18	11	FOBS=	136.7	SIGMA=	0.5	PHAS=	140.6	FOM=	0.94	TEST=	0
INDE	9	18	13	FOBS=	146.8	SIGMA=	0.5	PHAS=	38.7	FOM=	0.75	TEST=	0
INDE	9	18	15	FOBS=	176.9	SIGMA=	0.6	PHAS=	48.2	FOM=	0.94	TEST=	0
INDE	9	18	17	FOBS=	116.3	SIGMA=	0.6	PHAS=	59.7	FOM=	0.98	TEST=	0
INDE	9	18	19	FOBS=	164.9	SIGMA=	0.5	PHAS=	60.8	FOM=	0.84	TEST=	0
INDE	9	18	21	FOBS=	201.6	SIGMA=	0.5	PHAS=	78.5	FOM=	0.94	TEST=	0
INDE	9	18	23	FOBS=	221.8	SIGMA=	0.5	PHAS=	-114.5	FOM=	0.98	TEST=	0
INDE	9	18	25	FOBS=	105.7	SIGMA=	0.8	PHAS=	-54.5	FOM=	0.94	TEST=	0
INDE	9	18	27	FOBS=	81.0	SIGMA=	1.0	PHAS=	23.6	FOM=	0.99	TEST=	0
INDE	9	18	29	FOBS=	114.1	SIGMA=	0.8	PHAS=	-138.0	FOM=	0.79	TEST=	0
INDE	9	18	31	FOBS=	259.2	SIGMA=	0.5	PHAS=	41.4	FOM=	0.97	TEST=	0
INDE	9	18	33	FOBS=	207.6	SIGMA=	0.6	PHAS=	51.2	FOM=	0.98	TEST=	0
INDE	9	18	35	FOBS=	329.0	SIGMA=	0.5	PHAS=	-174.7	FOM=	0.96	TEST=	0
INDE	9	18	37	FOBS=	242.2	SIGMA=	0.6	PHAS=	-144.5	FOM=	0.34	TEST=	1
INDE	9	18	39	FOBS=	199.3	SIGMA=	0.7	PHAS=	-170.7	FOM=	0.03	TEST=	1
INDE	9	18	41	FOBS=	130.5	SIGMA=	1.0	PHAS=	164.6	FOM=	0.63	TEST=	0
INDE	9	18	43	FOBS=	90.2	SIGMA=	1.7	PHAS=	70.9	FOM=	0.88	TEST=	0
INDE	9	18	45	FOBS=	220.0	SIGMA=	0.8	PHAS=	-109.3	FOM=	0.49	TEST=	1
INDE	9	18	47	FOBS=	342.1	SIGMA=	0.7	PHAS=	-56.4	FOM=	0.86	TEST=	1
INDE	9	18	49	FOBS=	299.6	SIGMA=	0.9	PHAS=	92.2	FOM=	0.98	TEST=	0
INDE	9	18	51	FOBS=	85.0	SIGMA=	2.5	PHAS=	-52.6	FOM=	0.94	TEST=	0
INDE	9	18	53	FOBS=	36.9	SIGMA=	5.6	PHAS=	-32.2	FOM=	0.25	TEST=	0
INDE	9	18	55	FOBS=	97.3	SIGMA=	2.1	PHAS=	70.0	FOM=	0.94	TEST=	0
INDE	9	18	57	FOBS=	152.7	SIGMA=	1.4	PHAS=	18.9	FOM=	0.95	TEST=	0
INDE	9	18	59	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	18	61	FOBS=	91.8	SIGMA=	2.6	PHAS=	-67.0	FOM=	0.87	TEST=	0
INDE	9	18	63	FOBS=	17.7	SIGMA=	13.4	PHAS=	41.3	FOM=	0.29	TEST=	0
INDE	9	18	65	FOBS=	108.8	SIGMA=	3.2	PHAS=	-46.1	FOM=	0.92	TEST=	0

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INDE	9	18	67	FOBS=	43.7	SIGMA=	10.4	PHAS=	-64.4	FOM=	0.14	TEST=	1
INDE	9	18	69	FOBS=	47.9	SIGMA=	9.7	PHAS=	-17.4	FOM=	0.04	TEST=	1
INDE	9	18	71	FOBS=	0.0	SIGMA=	30.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	18	73	FOBS=	54.1	SIGMA=	9.1	PHAS=	-62.6	FOM=	0.54	TEST=	0
INDE	9	18	75	FOBS=	101.7	SIGMA=	5.1	PHAS=	47.6	FOM=	0.79	TEST=	0
INDE	9	19	10	FOBS=	30.7	SIGMA=	1.7	PHAS=	-2.7	FOM=	0.94	TEST=	0
INDE	9	19	12	FOBS=	104.2	SIGMA=	0.6	PHAS=	112.3	FOM=	0.95	TEST=	0
INDE	9	19	14	FOBS=	258.5	SIGMA=	0.5	PHAS=	-48.6	FOM=	0.96	TEST=	0
INDE	9	19	16	FOBS=	280.1	SIGMA=	0.6	PHAS=	-42.7	FOM=	0.99	TEST=	0
INDE	9	19	18	FOBS=	170.2	SIGMA=	0.5	PHAS=	-10.7	FOM=	0.99	TEST=	0
INDE	9	19	20	FOBS=	262.9	SIGMA=	0.5	PHAS=	-23.1	FOM=	0.96	TEST=	0
INDE	9	19	22	FOBS=	125.2	SIGMA=	0.8	PHAS=	67.6	FOM=	0.95	TEST=	0
INDE	9	19	24	FOBS=	193.8	SIGMA=	0.5	PHAS=	172.4	FOM=	0.95	TEST=	0
INDE	9	19	26	FOBS=	77.2	SIGMA=	1.1	PHAS=	-83.0	FOM=	0.53	TEST=	0
INDE	9	19	28	FOBS=	233.4	SIGMA=	0.5	PHAS=	4.5	FOM=	0.87	TEST=	0
INDE	9	19	30	FOBS=	166.4	SIGMA=	0.6	PHAS=	57.3	FOM=	0.98	TEST=	0
INDE	9	19	32	FOBS=	246.8	SIGMA=	0.5	PHAS=	-103.6	FOM=	0.97	TEST=	0
INDE	9	19	34	FOBS=	224.1	SIGMA=	0.6	PHAS=	37.1	FOM=	0.90	TEST=	0
INDE	9	19	36	FOBS=	328.3	SIGMA=	0.5	PHAS=	135.2	FOM=	0.96	TEST=	0
INDE	9	19	38	FOBS=	251.4	SIGMA=	0.6	PHAS=	89.3	FOM=	0.95	TEST=	0
INDE	9	19	40	FOBS=	306.5	SIGMA=	0.7	PHAS=	-47.6	FOM=	0.96	TEST=	0
INDE	9	19	42	FOBS=	117.6	SIGMA=	1.2	PHAS=	51.3	FOM=	0.88	TEST=	0
INDE	9	19	44	FOBS=	126.7	SIGMA=	1.2	PHAS=	-102.7	FOM=	0.86	TEST=	0
INDE	9	19	46	FOBS=	273.4	SIGMA=	0.8	PHAS=	-103.8	FOM=	0.98	TEST=	0
INDE	9	19	48	FOBS=	152.3	SIGMA=	1.5	PHAS=	-42.4	FOM=	0.96	TEST=	0
INDE	9	19	50	FOBS=	89.8	SIGMA=	2.4	PHAS=	5.8	FOM=	0.68	TEST=	1
INDE	9	19	52	FOBS=	92.8	SIGMA=	2.3	PHAS=	111.9	FOM=	0.51	TEST=	0
INDE	9	19	54	FOBS=	142.1	SIGMA=	1.0	PHAS=	-146.4	FOM=	0.91	TEST=	0
INDE	9	19	56	FOBS=	174.5	SIGMA=	1.3	PHAS=	-112.6	FOM=	0.97	TEST=	0
INDE	9	19	58	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	19	60	FOBS=	85.2	SIGMA=	2.4	PHAS=	-172.4	FOM=	0.90	TEST=	0
INDE	9	19	62	FOBS=	57.4	SIGMA=	4.1	PHAS=	-156.6	FOM=	0.19	TEST=	0
INDE	9	19	64	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	19	68	FOBS=	0.0	SIGMA=	30.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	19	70	FOBS=	11.3	SIGMA=	41.4	PHAS=	20.1	FOM=	0.05	TEST=	0
INDE	9	19	72	FOBS=	69.0	SIGMA=	7.1	PHAS=	-152.7	FOM=	0.84	TEST=	0
INDE	9	19	74	FOBS=	55.6	SIGMA=	9.1	PHAS=	-20.3	FOM=	0.05	TEST=	1
INDE	9	20	9	FOBS=	141.9	SIGMA=	0.5	PHAS=	53.3	FOM=	0.93	TEST=	0
INDE	9	20	11	FOBS=	177.3	SIGMA=	0.5	PHAS=	13.6	FOM=	0.99	TEST=	0
INDE	9	20	13	FOBS=	124.7	SIGMA=	0.6	PHAS=	151.9	FOM=	0.99	TEST=	0
INDE	9	20	15	FOBS=	203.0	SIGMA=	0.5	PHAS=	-157.3	FOM=	0.97	TEST=	0
INDE	9	20	17	FOBS=	80.4	SIGMA=	0.9	PHAS=	-119.3	FOM=	0.99	TEST=	0
INDE	9	20	19	FOBS=	223.0	SIGMA=	0.5	PHAS=	-102.4	FOM=	0.99	TEST=	0
INDE	9	20	21	FOBS=	223.1	SIGMA=	0.5	PHAS=	-82.5	FOM=	0.99	TEST=	0
INDE	9	20	23	FOBS=	121.0	SIGMA=	0.8	PHAS=	22.3	FOM=	0.99	TEST=	0
INDE	9	20	25	FOBS=	109.2	SIGMA=	0.8	PHAS=	-15.9	FOM=	0.95	TEST=	0
INDE	9	20	27	FOBS=	347.8	SIGMA=	0.5	PHAS=	-5.3	FOM=	0.98	TEST=	0
INDE	9	20	29	FOBS=	59.3	SIGMA=	1.6	PHAS=	-161.7	FOM=	0.55	TEST=	0
INDE	9	20	31	FOBS=	209.9	SIGMA=	0.5	PHAS=	15.1	FOM=	0.93	TEST=	0
INDE	9	20	33	FOBS=	314.9	SIGMA=	0.5	PHAS=	71.8	FOM=	0.96	TEST=	0
INDE	9	20	35	FOBS=	0.0	SIGMA=	14.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	20	37	FOBS=	382.6	SIGMA=	0.6	PHAS=	27.5	FOM=	0.97	TEST=	0
INDE	9	20	39	FOBS=	231.0	SIGMA=	0.7	PHAS=	-147.8	FOM=	0.96	TEST=	0
INDE	9	20	41	FOBS=	168.8	SIGMA=	1.0	PHAS=	165.8	FOM=	0.94	TEST=	0
INDE	9	20	43	FOBS=	18.5	SIGMA=	7.8	PHAS=	130.7	FOM=	0.15	TEST=	0
INDE	9	20	45	FOBS=	371.4	SIGMA=	0.7	PHAS=	-165.2	FOM=	0.98	TEST=	0
INDE	9	20	47	FOBS=	200.3	SIGMA=	1.1	PHAS=	-156.0	FOM=	0.97	TEST=	0
INDE	9	20	49	FOBS=	113.7	SIGMA=	2.0	PHAS=	56.7	FOM=	0.84	TEST=	0
INDE	9	20	51	FOBS=	106.3	SIGMA=	2.0	PHAS=	-4.6	FOM=	0.80	TEST=	0
INDE	9	20	53	FOBS=	44.8	SIGMA=	4.6	PHAS=	-176.5	FOM=	0.32	TEST=	0
INDE	9	20	55	FOBS=	68.7	SIGMA=	2.0	PHAS=	59.9	FOM=	0.71	TEST=	0
INDE	9	20	57	FOBS=	28.1	SIGMA=	7.2	PHAS=	-141.0	FOM=	0.42	TEST=	0
INDE	9	20	59	FOBS=	73.3	SIGMA=	2.8	PHAS=	110.2	FOM=	0.84	TEST=	0
INDE	9	20	61	FOBS=	90.7	SIGMA=	2.6	PHAS=	8.6	FOM=	0.91	TEST=	0
INDE	9	20	63	FOBS=	76.8	SIGMA=	3.1	PHAS=	-1.3	FOM=	0.88	TEST=	0
INDE	9	20	65	FOBS=	113.8	SIGMA=	4.1	PHAS=	-167.4	FOM=	0.87	TEST=	0
INDE	9	20	67	FOBS=	102.6	SIGMA=	4.5	PHAS=	53.3	FOM=	0.94	TEST=	0
INDE	9	20	69	FOBS=	63.0	SIGMA=	7.4	PHAS=	-4.1	FOM=	0.84	TEST=	0
INDE	9	20	71	FOBS=	60.2	SIGMA=	8.0	PHAS=	135.7	FOM=	0.87	TEST=	0
INDE	9	20	73	FOBS=	34.1	SIGMA=	14.7	PHAS=	9.9	FOM=	0.54	TEST=	0

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FIG. 12A - 240

INDE	9	21	10	FOBS=	164.7	SIGMA=	0.5	PHAS=	-111.0	FOM=	0.96	TEST=	0
INDE	9	21	12	FOBS=	74.6	SIGMA=	0.9	PHAS=	-153.5	FOM=	0.91	TEST=	0
INDE	9	21	14	FOBS=	141.5	SIGMA=	0.6	PHAS=	18.4	FOM=	0.99	TEST=	0
INDE	9	21	16	FOBS=	76.0	SIGMA=	1.0	PHAS=	-158.9	FOM=	0.74	TEST=	0
INDE	9	21	18	FOBS=	122.5	SIGMA=	0.7	PHAS=	-48.3	FOM=	0.99	TEST=	0
INDE	9	21	20	FOBS=	146.2	SIGMA=	0.7	PHAS=	112.2	FOM=	0.99	TEST=	0
INDE	9	21	22	FOBS=	72.1	SIGMA=	1.1	PHAS=	-99.1	FOM=	0.93	TEST=	0
INDE	9	21	24	FOBS=	274.5	SIGMA=	0.5	PHAS=	-76.8	FOM=	0.94	TEST=	0
INDE	9	21	26	FOBS=	336.5	SIGMA=	0.5	PHAS=	-109.6	FOM=	0.97	TEST=	0
INDE	9	21	28	FOBS=	216.9	SIGMA=	0.6	PHAS=	-71.5	FOM=	0.95	TEST=	0
INDE	9	21	30	FOBS=	130.1	SIGMA=	0.8	PHAS=	-40.5	FOM=	0.54	TEST=	0
INDE	9	21	32	FOBS=	282.0	SIGMA=	0.5	PHAS=	-81.9	FOM=	0.98	TEST=	0
INDE	9	21	34	FOBS=	335.1	SIGMA=	0.5	PHAS=	-68.4	FOM=	0.97	TEST=	0
INDE	9	21	36	FOBS=	209.3	SIGMA=	0.7	PHAS=	-102.5	FOM=	0.93	TEST=	0
INDE	9	21	38	FOBS=	71.2	SIGMA=	1.8	PHAS=	144.0	FOM=	0.82	TEST=	0
INDE	9	21	40	FOBS=	155.5	SIGMA=	1.0	PHAS=	69.6	FOM=	0.96	TEST=	0
INDE	9	21	42	FOBS=	119.5	SIGMA=	1.4	PHAS=	72.1	FOM=	0.88	TEST=	1
INDE	9	21	44	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	21	46	FOBS=	122.6	SIGMA=	1.5	PHAS=	102.6	FOM=	0.86	TEST=	1
INDE	9	21	48	FOBS=	97.9	SIGMA=	2.0	PHAS=	31.2	FOM=	0.67	TEST=	0
INDE	9	21	50	FOBS=	142.6	SIGMA=	1.4	PHAS=	-51.3	FOM=	0.88	TEST=	0
INDE	9	21	52	FOBS=	63.7	SIGMA=	3.3	PHAS=	143.0	FOM=	0.78	TEST=	0
INDE	9	21	54	FOBS=	36.5	SIGMA=	4.3	PHAS=	171.2	FOM=	0.41	TEST=	0
INDE	9	21	56	FOBS=	32.8	SIGMA=	4.3	PHAS=	-100.0	FOM=	0.38	TEST=	0
INDE	9	21	58	FOBS=	107.6	SIGMA=	1.9	PHAS=	100.4	FOM=	0.85	TEST=	0
INDE	9	21	60	FOBS=	16.5	SIGMA=	14.3	PHAS=	-143.4	FOM=	0.48	TEST=	0
INDE	9	21	62	FOBS=	46.4	SIGMA=	5.1	PHAS=	-92.9	FOM=	0.60	TEST=	0
INDE	9	21	64	FOBS=	2.5	SIGMA=	132.8	PHAS=	-119.0	FOM=	0.02	TEST=	0
INDE	9	21	66	FOBS=	51.5	SIGMA=	8.9	PHAS=	120.4	FOM=	0.46	TEST=	0
INDE	9	21	68	FOBS=	82.2	SIGMA=	5.6	PHAS=	-70.1	FOM=	0.88	TEST=	0
INDE	9	21	70	FOBS=	41.7	SIGMA=	11.1	PHAS=	-85.3	FOM=	0.70	TEST=	0
INDE	9	21	72	FOBS=	45.6	SIGMA=	10.6	PHAS=	56.1	FOM=	0.05	TEST=	1
INDE	9	21	74	FOBS=	17.0	SIGMA=	29.5	PHAS=	-113.8	FOM=	0.28	TEST=	0
INDE	9	22	9	FOBS=	172.7	SIGMA=	0.4	PHAS=	137.0	FOM=	0.97	TEST=	0
INDE	9	22	11	FOBS=	90.3	SIGMA=	0.8	PHAS=	135.9	FOM=	0.97	TEST=	1
INDE	9	22	13	FOBS=	95.7	SIGMA=	0.8	PHAS=	77.2	FOM=	0.94	TEST=	0
INDE	9	22	15	FOBS=	144.1	SIGMA=	0.7	PHAS=	32.5	FOM=	0.98	TEST=	0
INDE	9	22	17	FOBS=	13.3	SIGMA=	6.7	PHAS=	-86.3	FOM=	0.80	TEST=	0
INDE	9	22	19	FOBS=	183.0	SIGMA=	0.6	PHAS=	-29.3	FOM=	0.97	TEST=	0
INDE	9	22	21	FOBS=	245.2	SIGMA=	0.6	PHAS=	-96.9	FOM=	0.95	TEST=	0
INDE	9	22	23	FOBS=	215.1	SIGMA=	0.5	PHAS=	116.9	FOM=	0.97	TEST=	0
INDE	9	22	25	FOBS=	105.0	SIGMA=	0.9	PHAS=	-170.3	FOM=	0.89	TEST=	0
INDE	9	22	27	FOBS=	185.3	SIGMA=	0.6	PHAS=	-178.3	FOM=	0.97	TEST=	0
INDE	9	22	29	FOBS=	259.1	SIGMA=	0.6	PHAS=	-173.3	FOM=	0.92	TEST=	0
INDE	9	22	31	FOBS=	87.1	SIGMA=	1.3	PHAS=	159.5	FOM=	0.88	TEST=	0
INDE	9	22	33	FOBS=	435.8	SIGMA=	0.6	PHAS=	146.3	FOM=	0.97	TEST=	0
INDE	9	22	35	FOBS=	476.8	SIGMA=	0.6	PHAS=	176.2	FOM=	0.97	TEST=	0
INDE	9	22	37	FOBS=	98.5	SIGMA=	1.3	PHAS=	162.8	FOM=	0.93	TEST=	1
INDE	9	22	39	FOBS=	166.6	SIGMA=	0.9	PHAS=	-171.3	FOM=	0.97	TEST=	1
INDE	9	22	41	FOBS=	32.7	SIGMA=	5.6	PHAS=	61.5	FOM=	0.18	TEST=	0
INDE	9	22	43	FOBS=	201.2	SIGMA=	1.0	PHAS=	-158.0	FOM=	0.96	TEST=	0
INDE	9	22	45	FOBS=	187.5	SIGMA=	1.1	PHAS=	162.1	FOM=	0.81	TEST=	1
INDE	9	22	47	FOBS=	254.1	SIGMA=	0.9	PHAS=	10.7	FOM=	0.97	TEST=	0
INDE	9	22	49	FOBS=	67.9	SIGMA=	2.5	PHAS=	-128.3	FOM=	0.91	TEST=	0
INDE	9	22	51	FOBS=	106.1	SIGMA=	1.8	PHAS=	48.7	FOM=	0.84	TEST=	0
INDE	9	22	53	FOBS=	89.8	SIGMA=	2.4	PHAS=	120.2	FOM=	0.91	TEST=	0
INDE	9	22	55	FOBS=	30.7	SIGMA=	4.0	PHAS=	-41.8	FOM=	0.32	TEST=	0
INDE	9	22	57	FOBS=	82.2	SIGMA=	1.8	PHAS=	-63.5	FOM=	0.87	TEST=	0
INDE	9	22	59	FOBS=	64.5	SIGMA=	3.1	PHAS=	84.2	FOM=	0.78	TEST=	0
INDE	9	22	61	FOBS=	62.1	SIGMA=	3.9	PHAS=	14.9	FOM=	0.56	TEST=	0
INDE	9	22	63	FOBS=	68.4	SIGMA=	4.1	PHAS=	117.4	FOM=	0.33	TEST=	1
INDE	9	22	67	FOBS=	87.5	SIGMA=	5.4	PHAS=	42.6	FOM=	0.94	TEST=	0
INDE	9	22	69	FOBS=	81.7	SIGMA=	5.8	PHAS=	-138.4	FOM=	0.89	TEST=	0
INDE	9	22	71	FOBS=	57.6	SIGMA=	8.2	PHAS=	71.8	FOM=	0.82	TEST=	0
INDE	9	23	10	FOBS=	92.6	SIGMA=	0.7	PHAS=	100.9	FOM=	0.96	TEST=	0
INDE	9	23	12	FOBS=	106.1	SIGMA=	0.7	PHAS=	-147.3	FOM=	0.96	TEST=	1
INDE	9	23	14	FOBS=	88.9	SIGMA=	0.9	PHAS=	-50.3	FOM=	0.90	TEST=	0
INDE	9	23	16	FOBS=	174.0	SIGMA=	0.7	PHAS=	-88.4	FOM=	0.99	TEST=	0
INDE	9	23	18	FOBS=	138.0	SIGMA=	0.8	PHAS=	-34.6	FOM=	0.94	TEST=	0
INDE	9	23	20	FOBS=	249.5	SIGMA=	0.6	PHAS=	162.5	FOM=	0.96	TEST=	0

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INDE	9	23	22	FOBS=	140.3	SIGMA=	0.7	PHAS=	-49.0	FOM=	0.76	TEST=	0
INDE	9	23	24	FOBS=	76.2	SIGMA=	1.2	PHAS=	-45.1	FOM=	0.90	TEST=	0
INDE	9	23	26	FOBS=	164.9	SIGMA=	0.6	PHAS=	144.5	FOM=	0.92	TEST=	0
INDE	9	23	28	FOBS=	357.0	SIGMA=	0.6	PHAS=	97.0	FOM=	0.97	TEST=	0
INDE	9	23	30	FOBS=	348.9	SIGMA=	0.6	PHAS=	82.9	FOM=	0.97	TEST=	0
INDE	9	23	32	FOBS=	383.0	SIGMA=	0.6	PHAS=	52.9	FOM=	0.96	TEST=	0
INDE	9	23	34	FOBS=	186.9	SIGMA=	0.8	PHAS=	43.8	FOM=	0.86	TEST=	0
INDE	9	23	36	FOBS=	108.4	SIGMA=	1.2	PHAS=	74.7	FOM=	0.91	TEST=	0
INDE	9	23	38	FOBS=	248.3	SIGMA=	0.8	PHAS=	72.0	FOM=	0.97	TEST=	0
INDE	9	23	40	FOBS=	83.6	SIGMA=	2.1	PHAS=	-33.1	FOM=	0.97	TEST=	0
INDE	9	23	42	FOBS=	144.1	SIGMA=	1.3	PHAS=	-24.6	FOM=	0.82	TEST=	0
INDE	9	23	44	FOBS=	172.6	SIGMA=	1.1	PHAS=	55.4	FOM=	0.96	TEST=	0
INDE	9	23	46	FOBS=	296.6	SIGMA=	0.8	PHAS=	-61.4	FOM=	0.98	TEST=	0
INDE	9	23	48	FOBS=	47.0	SIGMA=	3.7	PHAS=	28.8	FOM=	0.85	TEST=	1
INDE	9	23	50	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	23	52	FOBS=	102.6	SIGMA=	1.9	PHAS=	-60.3	FOM=	0.85	TEST=	0
INDE	9	23	54	FOBS=	111.1	SIGMA=	1.9	PHAS=	32.2	FOM=	0.68	TEST=	0
INDE	9	23	56	FOBS=	85.5	SIGMA=	1.5	PHAS=	104.5	FOM=	0.94	TEST=	0
INDE	9	23	58	FOBS=	36.6	SIGMA=	4.8	PHAS=	-151.0	FOM=	0.47	TEST=	0
INDE	9	23	60	FOBS=	46.5	SIGMA=	5.2	PHAS=	-125.4	FOM=	0.80	TEST=	0
INDE	9	23	62	FOBS=	100.6	SIGMA=	2.5	PHAS=	-83.7	FOM=	0.91	TEST=	0
INDE	9	23	64	FOBS=	30.9	SIGMA=	15.3	PHAS=	-149.6	FOM=	0.50	TEST=	0
INDE	9	23	66	FOBS=	48.0	SIGMA=	9.7	PHAS=	-65.5	FOM=	0.74	TEST=	0
INDE	9	23	68	FOBS=	99.3	SIGMA=	4.9	PHAS=	-103.0	FOM=	0.90	TEST=	0
INDE	9	23	70	FOBS=	33.5	SIGMA=	14.1	PHAS=	-50.5	FOM=	0.47	TEST=	0
INDE	9	23	72	FOBS=	67.5	SIGMA=	7.1	PHAS=	-18.8	FOM=	0.92	TEST=	0
INDE	9	24	9	FOBS=	47.6	SIGMA=	1.3	PHAS=	-129.4	FOM=	0.76	TEST=	0
INDE	9	24	11	FOBS=	173.3	SIGMA=	0.6	PHAS=	148.5	FOM=	0.94	TEST=	0
INDE	9	24	13	FOBS=	198.3	SIGMA=	0.5	PHAS=	91.7	FOM=	0.97	TEST=	0
INDE	9	24	15	FOBS=	85.1	SIGMA=	1.0	PHAS=	58.3	FOM=	0.94	TEST=	0
INDE	9	24	17	FOBS=	217.5	SIGMA=	0.6	PHAS=	-100.7	FOM=	0.95	TEST=	0
INDE	9	24	19	FOBS=	24.3	SIGMA=	4.7	PHAS=	83.0	FOM=	0.27	TEST=	1
INDE	9	24	21	FOBS=	113.1	SIGMA=	0.9	PHAS=	-158.1	FOM=	0.80	TEST=	0
INDE	9	24	23	FOBS=	287.5	SIGMA=	0.6	PHAS=	127.4	FOM=	0.99	TEST=	1
INDE	9	24	25	FOBS=	264.6	SIGMA=	0.6	PHAS=	45.7	FOM=	0.95	TEST=	0
INDE	9	24	27	FOBS=	303.2	SIGMA=	0.5	PHAS=	25.0	FOM=	0.99	TEST=	0
INDE	9	24	29	FOBS=	183.5	SIGMA=	0.6	PHAS=	-16.6	FOM=	0.94	TEST=	0
INDE	9	24	31	FOBS=	284.3	SIGMA=	0.6	PHAS=	-19.6	FOM=	0.95	TEST=	0
INDE	9	24	33	FOBS=	82.0	SIGMA=	1.5	PHAS=	3.8	FOM=	0.91	TEST=	0
INDE	9	24	35	FOBS=	122.9	SIGMA=	1.2	PHAS=	163.0	FOM=	0.84	TEST=	0
INDE	9	24	37	FOBS=	156.2	SIGMA=	1.1	PHAS=	-84.8	FOM=	0.92	TEST=	0
INDE	9	24	39	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	24	41	FOBS=	62.5	SIGMA=	3.1	PHAS=	-94.2	FOM=	0.58	TEST=	0
INDE	9	24	43	FOBS=	239.8	SIGMA=	0.9	PHAS=	-134.2	FOM=	0.95	TEST=	1
INDE	9	24	45	FOBS=	176.3	SIGMA=	1.2	PHAS=	-142.0	FOM=	0.94	TEST=	1
INDE	9	24	47	FOBS=	95.0	SIGMA=	1.9	PHAS=	-99.3	FOM=	0.97	TEST=	0
INDE	9	24	49	FOBS=	43.8	SIGMA=	3.9	PHAS=	162.5	FOM=	0.87	TEST=	0
INDE	9	24	51	FOBS=	32.5	SIGMA=	5.5	PHAS=	95.5	FOM=	0.13	TEST=	0
INDE	9	24	53	FOBS=	114.9	SIGMA=	1.7	PHAS=	178.8	FOM=	0.92	TEST=	0
INDE	9	24	55	FOBS=	114.9	SIGMA=	1.4	PHAS=	13.3	FOM=	0.89	TEST=	0
INDE	9	24	57	FOBS=	176.5	SIGMA=	1.3	PHAS=	15.0	FOM=	0.96	TEST=	0
INDE	9	24	59	FOBS=	114.2	SIGMA=	1.5	PHAS=	121.2	FOM=	0.95	TEST=	0
INDE	9	24	61	FOBS=	121.5	SIGMA=	2.1	PHAS=	-145.0	FOM=	0.79	TEST=	1
INDE	9	24	63	FOBS=	56.7	SIGMA=	5.7	PHAS=	103.8	FOM=	0.66	TEST=	0
INDE	9	24	65	FOBS=	27.6	SIGMA=	17.2	PHAS=	40.4	FOM=	0.09	TEST=	0
INDE	9	24	67	FOBS=	123.7	SIGMA=	4.1	PHAS=	89.3	FOM=	0.96	TEST=	0
INDE	9	24	69	FOBS=	34.5	SIGMA=	13.7	PHAS=	-176.9	FOM=	0.51	TEST=	0
INDE	9	24	71	FOBS=	46.3	SIGMA=	10.5	PHAS=	-125.5	FOM=	0.65	TEST=	0
INDE	9	24	73	FOBS=	88.3	SIGMA=	5.8	PHAS=	-120.7	FOM=	0.93	TEST=	0
INDE	9	25	10	FOBS=	75.4	SIGMA=	0.9	PHAS=	121.6	FOM=	0.98	TEST=	0
INDE	9	25	12	FOBS=	123.1	SIGMA=	0.7	PHAS=	-39.4	FOM=	0.96	TEST=	1
INDE	9	25	14	FOBS=	101.4	SIGMA=	0.9	PHAS=	47.5	FOM=	0.72	TEST=	0
INDE	9	25	16	FOBS=	127.3	SIGMA=	0.8	PHAS=	-153.3	FOM=	0.90	TEST=	0
INDE	9	25	18	FOBS=	67.5	SIGMA=	1.5	PHAS=	-139.5	FOM=	0.17	TEST=	0
INDE	9	25	20	FOBS=	213.6	SIGMA=	0.6	PHAS=	136.9	FOM=	0.93	TEST=	0
INDE	9	25	22	FOBS=	177.9	SIGMA=	0.7	PHAS=	-18.6	FOM=	0.94	TEST=	0
INDE	9	25	24	FOBS=	325.5	SIGMA=	0.5	PHAS=	-13.2	FOM=	0.98	TEST=	0
INDE	9	25	26	FOBS=	188.9	SIGMA=	0.6	PHAS=	-110.9	FOM=	0.98	TEST=	0
INDE	9	25	28	FOBS=	100.6	SIGMA=	1.1	PHAS=	37.2	FOM=	0.95	TEST=	0
INDE	9	25	30	FOBS=	9.0	SIGMA=	12.8	PHAS=	-117.9	FOM=	0.58	TEST=	0

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INDE	9	25	32	FOBS=	173.3	SIGMA=	1.0	PHAS=	-46.4	FOM=	0.98	TEST=	1
INDE	9	25	34	FOBS=	178.9	SIGMA=	1.0	PHAS=	-61.9	FOM=	0.89	TEST=	0
INDE	9	25	36	FOBS=	96.3	SIGMA=	1.8	PHAS=	170.1	FOM=	0.89	TEST=	0
INDE	9	25	38	FOBS=	147.8	SIGMA=	1.3	PHAS=	18.6	FOM=	0.90	TEST=	0
INDE	9	25	40	FOBS=	147.6	SIGMA=	1.3	PHAS=	-76.0	FOM=	0.89	TEST=	0
INDE	9	25	42	FOBS=	195.6	SIGMA=	1.1	PHAS=	-163.1	FOM=	0.94	TEST=	0
INDE	9	25	44	FOBS=	106.0	SIGMA=	1.8	PHAS=	136.5	FOM=	0.98	TEST=	0
INDE	9	25	46	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	25	48	FOBS=	203.6	SIGMA=	1.0	PHAS=	100.8	FOM=	0.96	TEST=	0
INDE	9	25	50	FOBS=	178.3	SIGMA=	1.1	PHAS=	31.2	FOM=	0.82	TEST=	0
INDE	9	25	52	FOBS=	78.9	SIGMA=	2.2	PHAS=	88.2	FOM=	0.78	TEST=	1
INDE	9	25	54	FOBS=	63.2	SIGMA=	2.8	PHAS=	57.8	FOM=	0.52	TEST=	1
INDE	9	25	56	FOBS=	84.5	SIGMA=	1.8	PHAS=	-41.9	FOM=	0.64	TEST=	1
INDE	9	25	58	FOBS=	59.9	SIGMA=	2.7	PHAS=	-36.0	FOM=	0.86	TEST=	0
INDE	9	25	60	FOBS=	97.0	SIGMA=	1.8	PHAS=	22.0	FOM=	0.94	TEST=	0
INDE	9	25	62	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	25	64	FOBS=	0.0	SIGMA=	31.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	25	66	FOBS=	103.4	SIGMA=	4.8	PHAS=	-37.7	FOM=	0.92	TEST=	0
INDE	9	25	68	FOBS=	79.8	SIGMA=	6.2	PHAS=	-47.3	FOM=	0.93	TEST=	0
INDE	9	25	70	FOBS=	18.4	SIGMA=	26.0	PHAS=	24.1	FOM=	0.21	TEST=	0
INDE	9	25	72	FOBS=	53.3	SIGMA=	9.3	PHAS=	164.0	FOM=	0.72	TEST=	0
INDE	9	26	9	FOBS=	99.8	SIGMA=	0.7	PHAS=	-152.3	FOM=	0.87	TEST=	0
INDE	9	26	11	FOBS=	119.6	SIGMA=	0.7	PHAS=	161.7	FOM=	0.97	TEST=	0
INDE	9	26	13	FOBS=	176.9	SIGMA=	0.6	PHAS=	-170.4	FOM=	0.97	TEST=	0
INDE	9	26	15	FOBS=	61.1	SIGMA=	1.4	PHAS=	56.0	FOM=	0.85	TEST=	0
INDE	9	26	17	FOBS=	126.7	SIGMA=	0.8	PHAS=	-44.2	FOM=	0.90	TEST=	0
INDE	9	26	19	FOBS=	130.4	SIGMA=	0.9	PHAS=	134.8	FOM=	0.95	TEST=	0
INDE	9	26	21	FOBS=	75.9	SIGMA=	1.3	PHAS=	-157.7	FOM=	0.81	TEST=	0
INDE	9	26	23	FOBS=	211.4	SIGMA=	0.6	PHAS=	-60.2	FOM=	0.95	TEST=	0
INDE	9	26	25	FOBS=	162.7	SIGMA=	0.7	PHAS=	-107.6	FOM=	0.89	TEST=	0
INDE	9	26	27	FOBS=	141.6	SIGMA=	0.9	PHAS=	4.9	FOM=	0.98	TEST=	0
INDE	9	26	29	FOBS=	203.1	SIGMA=	0.8	PHAS=	-67.4	FOM=	0.90	TEST=	0
INDE	9	26	31	FOBS=	78.4	SIGMA=	1.8	PHAS=	176.7	FOM=	0.74	TEST=	0
INDE	9	26	33	FOBS=	218.4	SIGMA=	0.9	PHAS=	133.4	FOM=	0.92	TEST=	0
INDE	9	26	35	FOBS=	214.6	SIGMA=	0.9	PHAS=	-135.9	FOM=	0.92	TEST=	0
INDE	9	26	37	FOBS=	149.5	SIGMA=	1.3	PHAS=	-35.2	FOM=	0.90	TEST=	1
INDE	9	26	39	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	9	26	41	FOBS=	265.7	SIGMA=	0.9	PHAS=	106.8	FOM=	0.96	TEST=	0
INDE	9	26	43	FOBS=	56.0	SIGMA=	3.4	PHAS=	81.6	FOM=	0.18	TEST=	0
INDE	9	26	45	FOBS=	41.7	SIGMA=	4.2	PHAS=	52.7	FOM=	0.19	TEST=	0
INDE	9	26	47	FOBS=	146.9	SIGMA=	1.3	PHAS=	-10.4	FOM=	0.94	TEST=	0
INDE	9	26	49	FOBS=	89.2	SIGMA=	2.0	PHAS=	-23.7	FOM=	0.56	TEST=	0
INDE	9	26	51	FOBS=	70.9	SIGMA=	2.4	PHAS=	-42.5	FOM=	0.62	TEST=	0
INDE	9	26	53	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	26	55	FOBS=	96.6	SIGMA=	1.8	PHAS=	166.5	FOM=	0.91	TEST=	0
INDE	9	26	57	FOBS=	73.0	SIGMA=	2.1	PHAS=	-37.6	FOM=	0.86	TEST=	0
INDE	9	26	59	FOBS=	91.6	SIGMA=	2.0	PHAS=	150.6	FOM=	0.85	TEST=	0
INDE	9	26	61	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	26	63	FOBS=	50.1	SIGMA=	6.4	PHAS=	11.4	FOM=	0.76	TEST=	0
INDE	9	26	65	FOBS=	55.5	SIGMA=	8.7	PHAS=	137.0	FOM=	0.52	TEST=	0
INDE	9	26	67	FOBS=	75.0	SIGMA=	6.6	PHAS=	175.3	FOM=	0.91	TEST=	0
INDE	9	26	69	FOBS=	28.1	SIGMA=	17.4	PHAS=	-106.3	FOM=	0.79	TEST=	0
INDE	9	26	71	FOBS=	0.0	SIGMA=	31.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	27	10	FOBS=	73.2	SIGMA=	1.0	PHAS=	137.1	FOM=	0.95	TEST=	0
INDE	9	27	12	FOBS=	272.5	SIGMA=	0.5	PHAS=	129.8	FOM=	0.96	TEST=	1
INDE	9	27	14	FOBS=	165.6	SIGMA=	0.6	PHAS=	127.1	FOM=	0.97	TEST=	0
INDE	9	27	16	FOBS=	124.6	SIGMA=	0.8	PHAS=	-120.9	FOM=	0.93	TEST=	0
INDE	9	27	18	FOBS=	151.4	SIGMA=	0.7	PHAS=	77.7	FOM=	0.93	TEST=	0
INDE	9	27	20	FOBS=	273.9	SIGMA=	0.7	PHAS=	95.2	FOM=	0.98	TEST=	0
INDE	9	27	22	FOBS=	292.4	SIGMA=	0.6	PHAS=	-140.1	FOM=	0.96	TEST=	0
INDE	9	27	24	FOBS=	91.2	SIGMA=	1.3	PHAS=	97.5	FOM=	0.22	TEST=	0
INDE	9	27	26	FOBS=	213.6	SIGMA=	0.7	PHAS=	-169.4	FOM=	0.98	TEST=	0
INDE	9	27	28	FOBS=	185.8	SIGMA=	0.8	PHAS=	-95.3	FOM=	0.85	TEST=	0
INDE	9	27	30	FOBS=	103.4	SIGMA=	1.4	PHAS=	-55.4	FOM=	0.52	TEST=	0
INDE	9	27	32	FOBS=	195.6	SIGMA=	0.9	PHAS=	46.6	FOM=	0.80	TEST=	0
INDE	9	27	34	FOBS=	139.0	SIGMA=	1.2	PHAS=	127.5	FOM=	0.85	TEST=	0
INDE	9	27	36	FOBS=	302.0	SIGMA=	0.8	PHAS=	-143.9	FOM=	0.94	TEST=	0
INDE	9	27	38	FOBS=	162.2	SIGMA=	1.3	PHAS=	-89.6	FOM=	0.93	TEST=	0
INDE	9	27	40	FOBS=	280.8	SIGMA=	0.9	PHAS=	16.0	FOM=	0.97	TEST=	0
INDE	9	27	42	FOBS=	95.1	SIGMA=	2.2	PHAS=	-114.2	FOM=	0.75	TEST=	0

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INDE	9	27	44	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	27	46	FOBS=	97.4	SIGMA=	1.8	PHAS=	-158.7	FOM=	0.85	TEST=	0
INDE	9	27	48	FOBS=	120.9	SIGMA=	1.5	PHAS=	-175.9	FOM=	0.08	TEST=	1
INDE	9	27	50	FOBS=	160.7	SIGMA=	1.1	PHAS=	77.1	FOM=	0.95	TEST=	0
INDE	9	27	52	FOBS=	67.5	SIGMA=	2.5	PHAS=	168.2	FOM=	0.82	TEST=	0
INDE	9	27	54	FOBS=	130.0	SIGMA=	1.4	PHAS=	108.3	FOM=	0.92	TEST=	0
INDE	9	27	56	FOBS=	111.4	SIGMA=	1.6	PHAS=	125.3	FOM=	0.82	TEST=	0
INDE	9	27	58	FOBS=	0.0	SIGMA=	17.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	27	60	FOBS=	96.5	SIGMA=	1.9	PHAS=	28.6	FOM=	0.90	TEST=	0
INDE	9	27	62	FOBS=	77.5	SIGMA=	2.5	PHAS=	-49.3	FOM=	0.91	TEST=	0
INDE	9	27	64	FOBS=	80.4	SIGMA=	4.1	PHAS=	-26.8	FOM=	0.85	TEST=	0
INDE	9	27	66	FOBS=	75.1	SIGMA=	6.5	PHAS=	72.4	FOM=	0.90	TEST=	0
INDE	9	27	68	FOBS=	0.0	SIGMA=	31.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	27	70	FOBS=	17.9	SIGMA=	27.5	PHAS=	88.3	FOM=	0.05	TEST=	0
INDE	9	27	72	FOBS=	40.0	SIGMA=	12.8	PHAS=	-73.6	FOM=	0.50	TEST=	0
INDE	9	28	9	FOBS=	161.9	SIGMA=	0.6	PHAS=	-119.5	FOM=	0.98	TEST=	0
INDE	9	28	11	FOBS=	385.0	SIGMA=	0.6	PHAS=	74.4	FOM=	0.98	TEST=	0
INDE	9	28	13	FOBS=	82.5	SIGMA=	1.2	PHAS=	122.4	FOM=	0.81	TEST=	0
INDE	9	28	15	FOBS=	174.9	SIGMA=	0.7	PHAS=	48.2	FOM=	0.90	TEST=	0
INDE	9	28	17	FOBS=	107.3	SIGMA=	1.2	PHAS=	-30.1	FOM=	0.99	TEST=	0
INDE	9	28	19	FOBS=	91.5	SIGMA=	1.3	PHAS=	-52.6	FOM=	0.91	TEST=	0
INDE	9	28	21	FOBS=	270.0	SIGMA=	0.8	PHAS=	40.3	FOM=	0.96	TEST=	0
INDE	9	28	23	FOBS=	217.8	SIGMA=	0.8	PHAS=	29.7	FOM=	0.94	TEST=	0
INDE	9	28	25	FOBS=	161.7	SIGMA=	1.0	PHAS=	85.9	FOM=	0.96	TEST=	0
INDE	9	28	27	FOBS=	130.1	SIGMA=	1.1	PHAS=	178.5	FOM=	0.88	TEST=	0
INDE	9	28	29	FOBS=	201.1	SIGMA=	0.8	PHAS=	-174.4	FOM=	0.86	TEST=	0
INDE	9	28	31	FOBS=	42.2	SIGMA=	3.6	PHAS=	-160.4	FOM=	0.64	TEST=	0
INDE	9	28	33	FOBS=	272.3	SIGMA=	0.9	PHAS=	-139.8	FOM=	0.94	TEST=	0
INDE	9	28	35	FOBS=	70.9	SIGMA=	2.4	PHAS=	165.5	FOM=	0.80	TEST=	0
INDE	9	28	37	FOBS=	181.7	SIGMA=	1.5	PHAS=	109.7	FOM=	0.79	TEST=	1
INDE	9	28	39	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	28	41	FOBS=	132.8	SIGMA=	1.6	PHAS=	123.3	FOM=	0.86	TEST=	1
INDE	9	28	43	FOBS=	121.3	SIGMA=	1.7	PHAS=	-157.1	FOM=	0.73	TEST=	1
INDE	9	28	45	FOBS=	38.6	SIGMA=	5.1	PHAS=	102.4	FOM=	0.46	TEST=	0
INDE	9	28	47	FOBS=	94.4	SIGMA=	1.9	PHAS=	57.1	FOM=	0.94	TEST=	0
INDE	9	28	49	FOBS=	6.8	SIGMA=	26.6	PHAS=	51.0	FOM=	0.05	TEST=	0
INDE	9	28	51	FOBS=	111.6	SIGMA=	1.6	PHAS=	46.1	FOM=	0.87	TEST=	0
INDE	9	28	53	FOBS=	96.6	SIGMA=	1.8	PHAS=	70.7	FOM=	0.96	TEST=	0
INDE	9	28	55	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	28	57	FOBS=	82.6	SIGMA=	1.8	PHAS=	-34.2	FOM=	0.83	TEST=	0
INDE	9	28	59	FOBS=	54.3	SIGMA=	3.1	PHAS=	101.0	FOM=	0.81	TEST=	0
INDE	9	28	61	FOBS=	30.2	SIGMA=	7.5	PHAS=	-147.9	FOM=	0.65	TEST=	0
INDE	9	28	63	FOBS=	27.6	SIGMA=	7.1	PHAS=	-82.1	FOM=	0.53	TEST=	0
INDE	9	28	65	FOBS=	0.0	SIGMA=	31.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	28	67	FOBS=	0.0	SIGMA=	31.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	28	69	FOBS=	27.4	SIGMA=	18.3	PHAS=	-19.7	FOM=	0.61	TEST=	0
INDE	9	28	71	FOBS=	53.6	SIGMA=	9.7	PHAS=	175.0	FOM=	0.76	TEST=	0
INDE	9	29	10	FOBS=	120.2	SIGMA=	0.8	PHAS=	-30.2	FOM=	0.98	TEST=	0
INDE	9	29	12	FOBS=	100.9	SIGMA=	1.1	PHAS=	64.9	FOM=	0.95	TEST=	0
INDE	9	29	14	FOBS=	66.6	SIGMA=	1.6	PHAS=	106.7	FOM=	0.72	TEST=	0
INDE	9	29	16	FOBS=	143.1	SIGMA=	0.9	PHAS=	1.3	FOM=	0.98	TEST=	0
INDE	9	29	18	FOBS=	61.6	SIGMA=	2.0	PHAS=	16.0	FOM=	0.87	TEST=	0
INDE	9	29	20	FOBS=	126.4	SIGMA=	1.0	PHAS=	-166.9	FOM=	0.82	TEST=	0
INDE	9	29	22	FOBS=	436.4	SIGMA=	0.8	PHAS=	-80.3	FOM=	0.98	TEST=	0
INDE	9	29	24	FOBS=	169.4	SIGMA=	0.9	PHAS=	163.3	FOM=	0.40	TEST=	0
INDE	9	29	26	FOBS=	239.5	SIGMA=	0.8	PHAS=	127.1	FOM=	0.99	TEST=	0
INDE	9	29	28	FOBS=	171.5	SIGMA=	0.9	PHAS=	159.8	FOM=	0.90	TEST=	0
INDE	9	29	30	FOBS=	155.1	SIGMA=	1.0	PHAS=	55.9	FOM=	0.98	TEST=	0
INDE	9	29	32	FOBS=	72.8	SIGMA=	2.2	PHAS=	17.5	FOM=	0.83	TEST=	0
INDE	9	29	34	FOBS=	289.8	SIGMA=	0.9	PHAS=	132.0	FOM=	0.99	TEST=	0
INDE	9	29	36	FOBS=	227.0	SIGMA=	0.9	PHAS=	-40.5	FOM=	0.92	TEST=	0
INDE	9	29	38	FOBS=	239.2	SIGMA=	1.1	PHAS=	14.4	FOM=	0.92	TEST=	0
INDE	9	29	40	FOBS=	192.9	SIGMA=	1.2	PHAS=	-1.7	FOM=	0.92	TEST=	0
INDE	9	29	42	FOBS=	166.5	SIGMA=	1.3	PHAS=	144.5	FOM=	0.93	TEST=	0
INDE	9	29	44	FOBS=	97.8	SIGMA=	2.1	PHAS=	94.4	FOM=	0.85	TEST=	0
INDE	9	29	46	FOBS=	154.9	SIGMA=	1.4	PHAS=	-177.2	FOM=	0.91	TEST=	0
INDE	9	29	48	FOBS=	167.6	SIGMA=	1.1	PHAS=	82.3	FOM=	0.93	TEST=	0
INDE	9	29	50	FOBS=	91.1	SIGMA=	1.9	PHAS=	18.6	FOM=	0.87	TEST=	0
INDE	9	29	52	FOBS=	49.7	SIGMA=	3.4	PHAS=	109.4	FOM=	0.62	TEST=	0
INDE	9	29	54	FOBS=	75.2	SIGMA=	2.3	PHAS=	77.9	FOM=	0.95	TEST=	0

INDE	9	29	56	FOBS=	143.3	SIGMA=	1.2	PHAS=	162.8	FOM=	0.95	TEST=	0
INDE	9	29	58	FOBS=	42.8	SIGMA=	3.6	PHAS=	47.0	FOM=	0.59	TEST=	0
INDE	9	29	60	FOBS=	73.6	SIGMA=	2.5	PHAS=	30.1	FOM=	0.17	TEST=	1
INDE	9	29	62	FOBS=	54.4	SIGMA=	3.9	PHAS=	-155.5	FOM=	0.80	TEST=	0
INDE	9	29	64	FOBS=	59.4	SIGMA=	3.5	PHAS=	-75.5	FOM=	0.67	TEST=	0
INDE	9	29	66	FOBS=	71.0	SIGMA=	7.0	PHAS=	129.3	FOM=	0.89	TEST=	0
INDE	9	29	68	FOBS=	26.8	SIGMA=	18.5	PHAS=	-24.1	FOM=	0.28	TEST=	0
INDE	9	30	9	FOBS=	165.0	SIGMA=	0.6	PHAS=	-135.3	FOM=	0.95	TEST=	0
INDE	9	30	11	FOBS=	117.2	SIGMA=	1.0	PHAS=	83.2	FOM=	0.98	TEST=	0
INDE	9	30	13	FOBS=	147.2	SIGMA=	0.8	PHAS=	-118.4	FOM=	0.82	TEST=	0
INDE	9	30	15	FOBS=	28.9	SIGMA=	3.7	PHAS=	50.1	FOM=	0.33	TEST=	0
INDE	9	30	17	FOBS=	254.3	SIGMA=	0.7	PHAS=	-105.8	FOM=	0.96	TEST=	0
INDE	9	30	19	FOBS=	145.0	SIGMA=	0.9	PHAS=	-153.2	FOM=	0.97	TEST=	0
INDE	9	30	21	FOBS=	382.2	SIGMA=	0.8	PHAS=	133.1	FOM=	0.99	TEST=	0
INDE	9	30	23	FOBS=	174.1	SIGMA=	1.1	PHAS=	163.9	FOM=	0.92	TEST=	0
INDE	9	30	25	FOBS=	185.7	SIGMA=	0.9	PHAS=	54.3	FOM=	0.98	TEST=	1
INDE	9	30	27	FOBS=	35.0	SIGMA=	4.5	PHAS=	67.6	FOM=	0.87	TEST=	0
INDE	9	30	29	FOBS=	210.0	SIGMA=	0.8	PHAS=	-6.6	FOM=	0.97	TEST=	0
INDE	9	30	31	FOBS=	263.1	SIGMA=	0.8	PHAS=	-55.5	FOM=	0.98	TEST=	0
INDE	9	30	33	FOBS=	176.3	SIGMA=	1.1	PHAS=	169.5	FOM=	0.99	TEST=	0
INDE	9	30	35	FOBS=	156.2	SIGMA=	1.3	PHAS=	92.6	FOM=	0.94	TEST=	0
INDE	9	30	37	FOBS=	158.5	SIGMA=	1.3	PHAS=	-36.9	FOM=	0.95	TEST=	0
INDE	9	30	39	FOBS=	41.2	SIGMA=	6.2	PHAS=	25.6	FOM=	0.67	TEST=	1
INDE	9	30	41	FOBS=	36.3	SIGMA=	6.9	PHAS=	81.4	FOM=	0.31	TEST=	1
INDE	9	30	43	FOBS=	127.8	SIGMA=	1.6	PHAS=	94.3	FOM=	0.71	TEST=	0
INDE	9	30	45	FOBS=	184.2	SIGMA=	1.2	PHAS=	84.1	FOM=	0.96	TEST=	0
INDE	9	30	47	FOBS=	154.2	SIGMA=	1.3	PHAS=	1.5	FOM=	0.93	TEST=	0
INDE	9	30	49	FOBS=	43.5	SIGMA=	4.4	PHAS=	9.8	FOM=	0.72	TEST=	0
INDE	9	30	51	FOBS=	71.5	SIGMA=	2.4	PHAS=	83.8	FOM=	0.28	TEST=	0
INDE	9	30	53	FOBS=	97.9	SIGMA=	1.8	PHAS=	-20.1	FOM=	0.73	TEST=	0
INDE	9	30	55	FOBS=	121.7	SIGMA=	1.5	PHAS=	55.4	FOM=	0.95	TEST=	0
INDE	9	30	57	FOBS=	51.7	SIGMA=	3.0	PHAS=	40.3	FOM=	0.43	TEST=	0
INDE	9	30	59	FOBS=	63.3	SIGMA=	2.4	PHAS=	31.6	FOM=	0.84	TEST=	0
INDE	9	30	61	FOBS=	49.4	SIGMA=	3.6	PHAS=	-54.3	FOM=	0.13	TEST=	0
INDE	9	30	63	FOBS=	57.2	SIGMA=	3.5	PHAS=	110.3	FOM=	0.38	TEST=	0
INDE	9	30	65	FOBS=	13.3	SIGMA=	18.3	PHAS=	-99.3	FOM=	0.01	TEST=	1
INDE	9	30	67	FOBS=	41.4	SIGMA=	12.1	PHAS=	-9.1	FOM=	0.75	TEST=	0
INDE	9	30	69	FOBS=	50.8	SIGMA=	10.1	PHAS=	-54.4	FOM=	0.61	TEST=	0
INDE	9	30	71	FOBS=	127.3	SIGMA=	4.3	PHAS=	95.8	FOM=	0.93	TEST=	0
INDE	9	31	10	FOBS=	75.2	SIGMA=	1.2	PHAS=	-122.8	FOM=	0.92	TEST=	1
INDE	9	31	12	FOBS=	190.1	SIGMA=	0.7	PHAS=	-23.8	FOM=	0.61	TEST=	1
INDE	9	31	14	FOBS=	298.7	SIGMA=	0.6	PHAS=	132.7	FOM=	0.96	TEST=	0
INDE	9	31	16	FOBS=	310.1	SIGMA=	0.6	PHAS=	136.1	FOM=	0.98	TEST=	0
INDE	9	31	18	FOBS=	176.0	SIGMA=	0.9	PHAS=	172.1	FOM=	0.96	TEST=	0
INDE	9	31	20	FOBS=	143.6	SIGMA=	1.0	PHAS=	78.9	FOM=	0.97	TEST=	1
INDE	9	31	22	FOBS=	106.3	SIGMA=	1.6	PHAS=	109.0	FOM=	0.72	TEST=	1
INDE	9	31	24	FOBS=	136.0	SIGMA=	1.4	PHAS=	54.2	FOM=	0.93	TEST=	0
INDE	9	31	26	FOBS=	108.2	SIGMA=	1.5	PHAS=	-65.6	FOM=	0.94	TEST=	0
INDE	9	31	28	FOBS=	198.6	SIGMA=	0.9	PHAS=	-80.3	FOM=	0.93	TEST=	0
INDE	9	31	30	FOBS=	91.2	SIGMA=	1.8	PHAS=	-121.6	FOM=	0.73	TEST=	0
INDE	9	31	32	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	31	34	FOBS=	285.5	SIGMA=	0.9	PHAS=	26.5	FOM=	0.95	TEST=	0
INDE	9	31	36	FOBS=	129.3	SIGMA=	1.6	PHAS=	-133.8	FOM=	0.56	TEST=	1
INDE	9	31	38	FOBS=	75.8	SIGMA=	2.6	PHAS=	-6.2	FOM=	0.83	TEST=	0
INDE	9	31	40	FOBS=	202.0	SIGMA=	1.3	PHAS=	-77.8	FOM=	0.95	TEST=	0
INDE	9	31	42	FOBS=	96.8	SIGMA=	2.4	PHAS=	-95.5	FOM=	0.58	TEST=	1
INDE	9	31	44	FOBS=	173.2	SIGMA=	1.4	PHAS=	54.2	FOM=	0.49	TEST=	1
INDE	9	31	46	FOBS=	22.5	SIGMA=	9.3	PHAS=	-174.8	FOM=	0.07	TEST=	0
INDE	9	31	48	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	31	50	FOBS=	60.2	SIGMA=	3.2	PHAS=	-68.6	FOM=	0.69	TEST=	0
INDE	9	31	52	FOBS=	63.5	SIGMA=	2.9	PHAS=	155.1	FOM=	0.89	TEST=	0
INDE	9	31	54	FOBS=	93.6	SIGMA=	1.9	PHAS=	-31.7	FOM=	0.90	TEST=	0
INDE	9	31	56	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	31	58	FOBS=	0.0	SIGMA=	17.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	31	60	FOBS=	125.3	SIGMA=	1.4	PHAS=	-22.8	FOM=	0.95	TEST=	0
INDE	9	31	62	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	31	64	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	31	66	FOBS=	0.0	SIGMA=	31.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	31	68	FOBS=	70.7	SIGMA=	7.1	PHAS=	-93.5	FOM=	0.93	TEST=	0
INDE	9	31	70	FOBS=	94.5	SIGMA=	5.6	PHAS=	-29.3	FOM=	0.69	TEST=	0

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INDE 9 32 9 FOBS= 35.9 SIGMA= 2.5 PHAS= -120.4 FOM= 0.93 TEST= 0
INDE 9 32 11 FOBS= 63.6 SIGMA= 1.7 PHAS= -92.0 FOM= 0.96 TEST= 0
INDE 9 32 13 FOBS= 177.9 SIGMA= 0.8 PHAS= -66.4 FOM= 0.99 TEST= 0
INDE 9 32 15 FOBS= 405.1 SIGMA= 0.7 PHAS= 44.3 FOM= 0.98 TEST= 0
INDE 9 32 17 FOBS= 147.4 SIGMA= 0.9 PHAS= 107.5 FOM= 0.96 TEST= 0
INDE 9 32 19 FOBS= 173.4 SIGMA= 0.9 PHAS= 121.5 FOM= 0.92 TEST= 0
INDE 9 32 21 FOBS= 142.3 SIGMA= 1.0 PHAS= 57.0 FOM= 0.95 TEST= 0
INDE 9 32 23 FOBS= 204.5 SIGMA= 1.0 PHAS= -135.6 FOM= 0.81 TEST= 0
INDE 9 32 25 FOBS= 16.9 SIGMA= 12.0 PHAS= 132.2 FOM= 0.17 TEST= 0
INDE 9 32 27 FOBS= 440.8 SIGMA= 0.7 PHAS= -94.1 FOM= 0.95 TEST= 1
INDE 9 32 29 FOBS= 138.2 SIGMA= 1.2 PHAS= -52.3 FOM= 0.87 TEST= 0
INDE 9 32 31 FOBS= 212.4 SIGMA= 0.9 PHAS= -120.5 FOM= 0.92 TEST= 0
INDE 9 32 33 FOBS= 0.0 SIGMA= 19.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 9 32 35 FOBS= 0.0 SIGMA= 20.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 9 32 37 FOBS= 207.7 SIGMA= 1.0 PHAS= -12.8 FOM= 0.94 TEST= 0
INDE 9 32 39 FOBS= 54.7 SIGMA= 3.5 PHAS= 142.9 FOM= 0.18 TEST= 0
INDE 9 32 41 FOBS= 293.4 SIGMA= 0.9 PHAS= 169.1 FOM= 0.94 TEST= 0
INDE 9 32 43 FOBS= 99.5 SIGMA= 2.3 PHAS= 7.7 FOM= 0.59 TEST= 0
INDE 9 32 45 FOBS= 45.0 SIGMA= 5.1 PHAS= -10.9 FOM= 0.67 TEST= 0
INDE 9 32 47 FOBS= 59.0 SIGMA= 3.3 PHAS= 1.8 FOM= 0.65 TEST= 0
INDE 9 32 49 FOBS= 119.6 SIGMA= 1.7 PHAS= 114.2 FOM= 0.92 TEST= 0
INDE 9 32 51 FOBS= 83.4 SIGMA= 2.3 PHAS= 120.1 FOM= 0.94 TEST= 0
INDE 9 32 53 FOBS= 104.3 SIGMA= 1.9 PHAS= -80.8 FOM= 0.97 TEST= 0
INDE 9 32 55 FOBS= 40.4 SIGMA= 4.1 PHAS= -3.2 FOM= 0.08 TEST= 1
INDE 9 32 57 FOBS= 24.5 SIGMA= 7.1 PHAS= 16.3 FOM= 0.25 TEST= 0
INDE 9 32 59 FOBS= 0.0 SIGMA= 18.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 9 32 61 FOBS= 70.2 SIGMA= 2.4 PHAS= -146.0 FOM= 0.65 TEST= 0
INDE 9 32 63 FOBS= 61.5 SIGMA= 2.8 PHAS= -176.3 FOM= 0.74 TEST= 0
INDE 9 32 65 FOBS= 0.0 SIGMA= 20.3 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 9 32 67 FOBS= 36.6 SIGMA= 13.7 PHAS= 154.0 FOM= 0.60 TEST= 0
INDE 9 32 69 FOBS= 27.0 SIGMA= 19.1 PHAS= -171.4 FOM= 0.43 TEST= 0
INDE 9 33 10 FOBS= 167.9 SIGMA= 0.7 PHAS= -68.6 FOM= 0.91 TEST= 0
INDE 9 33 12 FOBS= 186.4 SIGMA= 0.8 PHAS= -36.7 FOM= 0.83 TEST= 0
INDE 9 33 14 FOBS= 232.7 SIGMA= 0.7 PHAS= -179.7 FOM= 0.94 TEST= 0
INDE 9 33 16 FOBS= 172.3 SIGMA= 0.9 PHAS= 141.4 FOM= 0.54 TEST= 1
INDE 9 33 18 FOBS= 273.5 SIGMA= 0.7 PHAS= 42.6 FOM= 0.94 TEST= 0
INDE 9 33 20 FOBS= 0.0 SIGMA= 16.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 9 33 22 FOBS= 137.2 SIGMA= 1.1 PHAS= 82.9 FOM= 0.84 TEST= 0
INDE 9 33 24 FOBS= 135.5 SIGMA= 1.5 PHAS= 56.8 FOM= 0.84 TEST= 0
INDE 9 33 26 FOBS= 237.5 SIGMA= 0.9 PHAS= -166.4 FOM= 0.79 TEST= 0
INDE 9 33 28 FOBS= 263.0 SIGMA= 0.8 PHAS= -146.8 FOM= 0.94 TEST= 0
INDE 9 33 30 FOBS= 178.4 SIGMA= 1.1 PHAS= -145.8 FOM= 0.92 TEST= 0
INDE 9 33 32 FOBS= 143.7 SIGMA= 1.4 PHAS= -127.7 FOM= 0.90 TEST= 1
INDE 9 33 34 FOBS= 230.8 SIGMA= 1.0 PHAS= -29.5 FOM= 0.90 TEST= 0
INDE 9 33 36 FOBS= 157.8 SIGMA= 1.5 PHAS= -172.6 FOM= 0.91 TEST= 0
INDE 9 33 38 FOBS= 0.0 SIGMA= 20.1 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 9 33 40 FOBS= 101.3 SIGMA= 1.9 PHAS= 82.1 FOM= 0.92 TEST= 0
INDE 9 33 42 FOBS= 73.8 SIGMA= 2.8 PHAS= -43.8 FOM= 0.86 TEST= 0
INDE 9 33 44 FOBS= 144.3 SIGMA= 1.7 PHAS= -173.7 FOM= 0.89 TEST= 0
INDE 9 33 46 FOBS= 76.5 SIGMA= 3.0 PHAS= -52.0 FOM= 0.37 TEST= 0
INDE 9 33 48 FOBS= 132.0 SIGMA= 1.8 PHAS= -5.7 FOM= 0.94 TEST= 0
INDE 9 33 50 FOBS= 48.5 SIGMA= 3.9 PHAS= 104.2 FOM= 0.18 TEST= 0
INDE 9 33 52 FOBS= 84.6 SIGMA= 2.2 PHAS= 157.9 FOM= 0.92 TEST= 0
INDE 9 33 54 FOBS= 56.7 SIGMA= 3.2 PHAS= 125.2 FOM= 0.84 TEST= 0
INDE 9 33 56 FOBS= 69.6 SIGMA= 3.0 PHAS= 87.6 FOM= 0.68 TEST= 0
INDE 9 33 58 FOBS= 0.0 SIGMA= 18.1 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 9 33 60 FOBS= 17.2 SIGMA= 9.8 PHAS= 167.9 FOM= 0.08 TEST= 1
INDE 9 33 62 FOBS= 108.1 SIGMA= 1.7 PHAS= 49.5 FOM= 0.91 TEST= 0
INDE 9 33 64 FOBS= 0.0 SIGMA= 18.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 9 33 66 FOBS= 48.5 SIGMA= 4.4 PHAS= -24.8 FOM= 0.23 TEST= 1
INDE 9 33 68 FOBS= 0.0 SIGMA= 31.9 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 9 34 9 FOBS= 248.1 SIGMA= 0.7 PHAS= -154.2 FOM= 0.94 TEST= 1
INDE 9 34 11 FOBS= 240.1 SIGMA= 0.7 PHAS= -103.4 FOM= 0.97 TEST= 0
INDE 9 34 13 FOBS= 213.6 SIGMA= 0.7 PHAS= -65.4 FOM= 0.90 TEST= 0
INDE 9 34 15 FOBS= 400.0 SIGMA= 0.8 PHAS= 173.6 FOM= 0.99 TEST= 0
INDE 9 34 17 FOBS= 146.4 SIGMA= 1.0 PHAS= 44.7 FOM= 0.94 TEST= 0
INDE 9 34 19 FOBS= 166.1 SIGMA= 1.0 PHAS= 15.9 FOM= 0.93 TEST= 0
INDE 9 34 21 FOBS= 153.2 SIGMA= 1.1 PHAS= 32.1 FOM= 0.96 TEST= 0
INDE 9 34 23 FOBS= 99.9 SIGMA= 2.0 PHAS= -148.5 FOM= 0.93 TEST= 0
INDE 9 34 25 FOBS= 168.4 SIGMA= 1.3 PHAS= 117.7 FOM= 0.93 TEST= 0

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INDE	9	34	27	FOBS=	237.3	SIGMA=	0.9	PHAS=	-132.3	FOM=	0.93	TEST=	0
INDE	9	34	29	FOBS=	214.3	SIGMA=	1.0	PHAS=	-178.9	FOM=	0.95	TEST=	0
INDE	9	34	31	FOBS=	223.1	SIGMA=	0.9	PHAS=	-164.4	FOM=	0.95	TEST=	0
INDE	9	34	33	FOBS=	127.3	SIGMA=	1.6	PHAS=	-24.0	FOM=	0.38	TEST=	0
INDE	9	34	35	FOBS=	128.1	SIGMA=	1.6	PHAS=	172.5	FOM=	0.96	TEST=	0
INDE	9	34	37	FOBS=	42.1	SIGMA=	4.7	PHAS=	15.8	FOM=	0.61	TEST=	0
INDE	9	34	39	FOBS=	61.7	SIGMA=	3.2	PHAS=	44.4	FOM=	0.93	TEST=	0
INDE	9	34	41	FOBS=	71.4	SIGMA=	2.6	PHAS=	-133.6	FOM=	0.85	TEST=	1
INDE	9	34	43	FOBS=	80.2	SIGMA=	2.6	PHAS=	150.0	FOM=	0.45	TEST=	0
INDE	9	34	45	FOBS=	181.6	SIGMA=	1.4	PHAS=	69.3	FOM=	0.95	TEST=	0
INDE	9	34	47	FOBS=	84.6	SIGMA=	2.7	PHAS=	-83.9	FOM=	0.69	TEST=	0
INDE	9	34	49	FOBS=	83.9	SIGMA=	2.7	PHAS=	-101.9	FOM=	0.73	TEST=	0
INDE	9	34	51	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	9	34	53	FOBS=	45.2	SIGMA=	4.1	PHAS=	-70.5	FOM=	0.69	TEST=	0
INDE	9	34	55	FOBS=	84.2	SIGMA=	2.5	PHAS=	20.7	FOM=	0.86	TEST=	0
INDE	9	34	57	FOBS=	96.9	SIGMA=	2.2	PHAS=	70.6	FOM=	0.95	TEST=	0
INDE	9	34	59	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	34	61	FOBS=	17.4	SIGMA=	12.0	PHAS=	-13.0	FOM=	0.11	TEST=	0
INDE	9	34	63	FOBS=	24.2	SIGMA=	7.2	PHAS=	-110.4	FOM=	0.35	TEST=	0
INDE	9	34	65	FOBS=	60.0	SIGMA=	3.1	PHAS=	-54.3	FOM=	0.90	TEST=	0
INDE	9	34	67	FOBS=	39.7	SIGMA=	5.6	PHAS=	15.1	FOM=	0.64	TEST=	0
INDE	9	34	69	FOBS=	64.3	SIGMA=	8.3	PHAS=	-83.2	FOM=	0.86	TEST=	0
INDE	9	35	10	FOBS=	389.8	SIGMA=	0.6	PHAS=	147.6	FOM=	0.96	TEST=	1
INDE	9	35	12	FOBS=	120.4	SIGMA=	1.1	PHAS=	-83.4	FOM=	0.27	TEST=	0
INDE	9	35	14	FOBS=	152.1	SIGMA=	1.0	PHAS=	135.4	FOM=	0.90	TEST=	0
INDE	9	35	16	FOBS=	156.0	SIGMA=	1.2	PHAS=	90.8	FOM=	0.97	TEST=	0
INDE	9	35	18	FOBS=	60.0	SIGMA=	2.6	PHAS=	-22.5	FOM=	0.93	TEST=	0
INDE	9	35	20	FOBS=	183.6	SIGMA=	0.9	PHAS=	-120.7	FOM=	0.99	TEST=	0
INDE	9	35	22	FOBS=	73.9	SIGMA=	2.2	PHAS=	-36.2	FOM=	0.78	TEST=	0
INDE	9	35	24	FOBS=	198.5	SIGMA=	1.2	PHAS=	-6.2	FOM=	0.95	TEST=	0
INDE	9	35	26	FOBS=	171.8	SIGMA=	1.4	PHAS=	-169.8	FOM=	0.91	TEST=	0
INDE	9	35	28	FOBS=	97.8	SIGMA=	2.0	PHAS=	122.9	FOM=	0.80	TEST=	0
INDE	9	35	30	FOBS=	228.6	SIGMA=	1.0	PHAS=	120.4	FOM=	0.91	TEST=	0
INDE	9	35	32	FOBS=	104.6	SIGMA=	1.9	PHAS=	-166.4	FOM=	0.93	TEST=	0
INDE	9	35	34	FOBS=	20.0	SIGMA=	9.9	PHAS=	37.5	FOM=	0.75	TEST=	0
INDE	9	35	36	FOBS=	173.6	SIGMA=	1.2	PHAS=	-124.9	FOM=	0.91	TEST=	0
INDE	9	35	38	FOBS=	125.0	SIGMA=	1.6	PHAS=	-71.4	FOM=	0.66	TEST=	0
INDE	9	35	40	FOBS=	48.9	SIGMA=	3.9	PHAS=	-68.8	FOM=	0.42	TEST=	0
INDE	9	35	42	FOBS=	71.4	SIGMA=	2.6	PHAS=	-44.6	FOM=	0.76	TEST=	0
INDE	9	35	44	FOBS=	12.0	SIGMA=	18.0	PHAS=	-96.6	FOM=	0.55	TEST=	0
INDE	9	35	46	FOBS=	80.4	SIGMA=	2.8	PHAS=	-43.7	FOM=	0.58	TEST=	0
INDE	9	35	48	FOBS=	74.1	SIGMA=	3.0	PHAS=	-102.2	FOM=	0.69	TEST=	0
INDE	9	35	50	FOBS=	64.0	SIGMA=	3.4	PHAS=	168.6	FOM=	0.70	TEST=	0
INDE	9	35	52	FOBS=	56.1	SIGMA=	3.9	PHAS=	-114.6	FOM=	0.14	TEST=	0
INDE	9	35	54	FOBS=	85.2	SIGMA=	2.6	PHAS=	138.8	FOM=	0.90	TEST=	0
INDE	9	35	56	FOBS=	46.4	SIGMA=	4.5	PHAS=	-0.4	FOM=	0.20	TEST=	1
INDE	9	35	58	FOBS=	40.1	SIGMA=	4.4	PHAS=	43.9	FOM=	0.48	TEST=	0
INDE	9	35	60	FOBS=	30.1	SIGMA=	5.8	PHAS=	179.6	FOM=	0.51	TEST=	0
INDE	9	35	62	FOBS=	62.8	SIGMA=	2.8	PHAS=	14.9	FOM=	0.75	TEST=	0
INDE	9	35	64	FOBS=	92.3	SIGMA=	2.0	PHAS=	-86.8	FOM=	0.90	TEST=	0
INDE	9	35	66	FOBS=	146.1	SIGMA=	1.7	PHAS=	-146.1	FOM=	0.59	TEST=	1
INDE	9	35	68	FOBS=	63.7	SIGMA=	3.6	PHAS=	-167.9	FOM=	0.87	TEST=	0
INDE	9	36	9	FOBS=	426.5	SIGMA=	0.7	PHAS=	12.9	FOM=	0.94	TEST=	0
INDE	9	36	11	FOBS=	148.3	SIGMA=	1.0	PHAS=	-153.2	FOM=	0.92	TEST=	1
INDE	9	36	13	FOBS=	164.0	SIGMA=	0.9	PHAS=	-32.9	FOM=	0.98	TEST=	0
INDE	9	36	15	FOBS=	294.4	SIGMA=	0.7	PHAS=	92.2	FOM=	0.96	TEST=	0
INDE	9	36	17	FOBS=	357.1	SIGMA=	0.9	PHAS=	33.5	FOM=	0.97	TEST=	0
INDE	9	36	19	FOBS=	149.3	SIGMA=	1.2	PHAS=	137.2	FOM=	0.93	TEST=	0
INDE	9	36	21	FOBS=	399.1	SIGMA=	0.7	PHAS=	-149.8	FOM=	0.96	TEST=	0
INDE	9	36	23	FOBS=	287.4	SIGMA=	0.8	PHAS=	15.1	FOM=	0.56	TEST=	1
INDE	9	36	25	FOBS=	200.6	SIGMA=	1.3	PHAS=	134.4	FOM=	0.95	TEST=	0
INDE	9	36	27	FOBS=	14.9	SIGMA=	18.3	PHAS=	-147.7	FOM=	0.08	TEST=	0
INDE	9	36	29	FOBS=	145.3	SIGMA=	1.5	PHAS=	-46.2	FOM=	0.94	TEST=	0
INDE	9	36	31	FOBS=	96.4	SIGMA=	2.2	PHAS=	156.6	FOM=	0.91	TEST=	0
INDE	9	36	33	FOBS=	135.2	SIGMA=	1.5	PHAS=	64.6	FOM=	0.75	TEST=	0
INDE	9	36	35	FOBS=	155.7	SIGMA=	1.3	PHAS=	154.0	FOM=	0.97	TEST=	0
INDE	9	36	37	FOBS=	129.7	SIGMA=	1.6	PHAS=	-151.9	FOM=	0.47	TEST=	0
INDE	9	36	39	FOBS=	162.9	SIGMA=	1.3	PHAS=	-134.1	FOM=	0.82	TEST=	0
INDE	9	36	41	FOBS=	64.8	SIGMA=	2.9	PHAS=	-150.4	FOM=	0.66	TEST=	0
INDE	9	36	43	FOBS=	58.1	SIGMA=	3.2	PHAS=	86.8	FOM=	0.26	TEST=	0

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INDE	9	36	45	FOBS=	61.1	SIGMA=	3.4	PHAS=	-168.3	FOM=	0.51	TEST=	0
INDE	9	36	47	FOBS=	70.2	SIGMA=	3.2	PHAS=	-99.7	FOM=	0.49	TEST=	0
INDE	9	36	49	FOBS=	80.2	SIGMA=	2.8	PHAS=	11.9	FOM=	0.81	TEST=	0
INDE	9	36	51	FOBS=	114.6	SIGMA=	2.0	PHAS=	-178.6	FOM=	0.89	TEST=	0
INDE	9	36	53	FOBS=	28.6	SIGMA=	8.1	PHAS=	72.2	FOM=	0.19	TEST=	1
INDE	9	36	55	FOBS=	39.8	SIGMA=	5.3	PHAS=	-21.2	FOM=	0.30	TEST=	0
INDE	9	36	57	FOBS=	25.1	SIGMA=	9.0	PHAS=	97.7	FOM=	0.76	TEST=	0
INDE	9	36	59	FOBS=	47.2	SIGMA=	3.8	PHAS=	15.3	FOM=	0.69	TEST=	0
INDE	9	36	61	FOBS=	35.8	SIGMA=	5.3	PHAS=	-120.3	FOM=	0.54	TEST=	0
INDE	9	36	63	FOBS=	14.2	SIGMA=	14.7	PHAS=	-87.6	FOM=	0.12	TEST=	0
INDE	9	36	65	FOBS=	63.0	SIGMA=	2.9	PHAS=	-168.3	FOM=	0.89	TEST=	0
INDE	9	36	67	FOBS=	52.8	SIGMA=	4.4	PHAS=	145.6	FOM=	0.80	TEST=	0
INDE	9	37	10	FOBS=	115.1	SIGMA=	1.1	PHAS=	-24.4	FOM=	0.95	TEST=	0
INDE	9	37	12	FOBS=	39.8	SIGMA=	4.0	PHAS=	55.3	FOM=	0.63	TEST=	0
INDE	9	37	14	FOBS=	76.1	SIGMA=	1.9	PHAS=	-132.0	FOM=	0.87	TEST=	0
INDE	9	37	16	FOBS=	219.0	SIGMA=	0.8	PHAS=	-31.4	FOM=	0.94	TEST=	0
INDE	9	37	18	FOBS=	203.4	SIGMA=	1.0	PHAS=	12.2	FOM=	0.96	TEST=	1
INDE	9	37	20	FOBS=	288.8	SIGMA=	0.8	PHAS=	89.8	FOM=	0.96	TEST=	0
INDE	9	37	22	FOBS=	266.8	SIGMA=	0.8	PHAS=	111.2	FOM=	0.96	TEST=	0
INDE	9	37	24	FOBS=	183.7	SIGMA=	1.1	PHAS=	-100.8	FOM=	0.63	TEST=	1
INDE	9	37	26	FOBS=	166.6	SIGMA=	1.5	PHAS=	2.2	FOM=	0.92	TEST=	0
INDE	9	37	28	FOBS=	70.0	SIGMA=	3.6	PHAS=	-120.3	FOM=	0.73	TEST=	0
INDE	9	37	30	FOBS=	126.8	SIGMA=	1.8	PHAS=	161.5	FOM=	0.79	TEST=	0
INDE	9	37	32	FOBS=	134.8	SIGMA=	1.5	PHAS=	64.0	FOM=	0.86	TEST=	0
INDE	9	37	34	FOBS=	188.5	SIGMA=	1.1	PHAS=	39.5	FOM=	0.93	TEST=	0
INDE	9	37	36	FOBS=	222.1	SIGMA=	1.0	PHAS=	115.7	FOM=	0.94	TEST=	0
INDE	9	37	38	FOBS=	84.8	SIGMA=	2.3	PHAS=	152.4	FOM=	0.85	TEST=	0
INDE	9	37	40	FOBS=	173.1	SIGMA=	1.2	PHAS=	151.6	FOM=	0.88	TEST=	0
INDE	9	37	42	FOBS=	105.4	SIGMA=	1.8	PHAS=	-2.6	FOM=	0.35	TEST=	0
INDE	9	37	44	FOBS=	100.2	SIGMA=	1.9	PHAS=	67.6	FOM=	0.84	TEST=	0
INDE	9	37	46	FOBS=	49.3	SIGMA=	3.7	PHAS=	-111.8	FOM=	0.15	TEST=	1
INDE	9	37	48	FOBS=	108.2	SIGMA=	2.1	PHAS=	-96.4	FOM=	0.92	TEST=	0
INDE	9	37	50	FOBS=	44.5	SIGMA=	4.9	PHAS=	70.6	FOM=	0.39	TEST=	0
INDE	9	37	52	FOBS=	110.2	SIGMA=	2.0	PHAS=	23.6	FOM=	0.92	TEST=	0
INDE	9	37	54	FOBS=	26.1	SIGMA=	8.8	PHAS=	-84.8	FOM=	0.22	TEST=	0
INDE	9	37	56	FOBS=	4.4	SIGMA=	52.1	PHAS=	-37.5	FOM=	0.08	TEST=	0
INDE	9	37	58	FOBS=	62.1	SIGMA=	2.9	PHAS=	-131.5	FOM=	0.61	TEST=	0
INDE	9	37	60	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	37	62	FOBS=	43.1	SIGMA=	4.2	PHAS=	-159.8	FOM=	0.69	TEST=	0
INDE	9	37	64	FOBS=	81.5	SIGMA=	2.3	PHAS=	-17.4	FOM=	0.77	TEST=	0
INDE	9	37	66	FOBS=	0.0	SIGMA=	27.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	38	9	FOBS=	131.8	SIGMA=	1.1	PHAS=	-123.0	FOM=	0.98	TEST=	0
INDE	9	38	11	FOBS=	129.6	SIGMA=	1.1	PHAS=	-82.1	FOM=	0.83	TEST=	0
INDE	9	38	13	FOBS=	96.3	SIGMA=	1.6	PHAS=	166.7	FOM=	0.78	TEST=	0
INDE	9	38	15	FOBS=	117.0	SIGMA=	1.4	PHAS=	-134.7	FOM=	0.96	TEST=	0
INDE	9	38	17	FOBS=	162.4	SIGMA=	1.1	PHAS=	97.0	FOM=	0.74	TEST=	0
INDE	9	38	19	FOBS=	154.4	SIGMA=	1.2	PHAS=	-43.8	FOM=	0.95	TEST=	0
INDE	9	38	21	FOBS=	142.0	SIGMA=	1.3	PHAS=	-19.6	FOM=	0.93	TEST=	0
INDE	9	38	23	FOBS=	237.1	SIGMA=	0.9	PHAS=	4.5	FOM=	0.93	TEST=	0
INDE	9	38	25	FOBS=	173.0	SIGMA=	1.2	PHAS=	-107.9	FOM=	0.83	TEST=	1
INDE	9	38	27	FOBS=	289.8	SIGMA=	1.1	PHAS=	-144.4	FOM=	0.97	TEST=	0
INDE	9	38	29	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	38	31	FOBS=	37.2	SIGMA=	5.9	PHAS=	-18.6	FOM=	0.19	TEST=	0
INDE	9	38	33	FOBS=	167.6	SIGMA=	1.2	PHAS=	-47.9	FOM=	0.86	TEST=	0
INDE	9	38	35	FOBS=	272.8	SIGMA=	1.0	PHAS=	-47.4	FOM=	0.98	TEST=	0
INDE	9	38	37	FOBS=	111.0	SIGMA=	1.8	PHAS=	172.0	FOM=	0.66	TEST=	0
INDE	9	38	39	FOBS=	153.8	SIGMA=	1.3	PHAS=	96.1	FOM=	0.93	TEST=	0
INDE	9	38	41	FOBS=	81.7	SIGMA=	2.3	PHAS=	85.9	FOM=	0.80	TEST=	0
INDE	9	38	43	FOBS=	71.3	SIGMA=	2.6	PHAS=	1.3	FOM=	0.76	TEST=	0
INDE	9	38	45	FOBS=	141.0	SIGMA=	1.4	PHAS=	-49.6	FOM=	0.91	TEST=	0
INDE	9	38	47	FOBS=	93.3	SIGMA=	2.0	PHAS=	143.2	FOM=	0.88	TEST=	0
INDE	9	38	49	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	38	51	FOBS=	23.0	SIGMA=	9.4	PHAS=	145.2	FOM=	0.39	TEST=	0
INDE	9	38	53	FOBS=	142.2	SIGMA=	1.6	PHAS=	-133.8	FOM=	0.92	TEST=	0
INDE	9	38	55	FOBS=	63.6	SIGMA=	3.4	PHAS=	168.5	FOM=	0.73	TEST=	0
INDE	9	38	57	FOBS=	127.0	SIGMA=	1.8	PHAS=	155.9	FOM=	0.87	TEST=	1
INDE	9	38	59	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	38	61	FOBS=	61.4	SIGMA=	3.0	PHAS=	76.9	FOM=	0.75	TEST=	1
INDE	9	38	63	FOBS=	29.8	SIGMA=	6.4	PHAS=	157.7	FOM=	0.60	TEST=	0
INDE	9	38	65	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	1

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INDE	9	38	67	FOBS=	25.7	SIGMA=	11.4	PHAS=	-152.9	FOM=	0.43	TEST=	0
INDE	9	39	10	FOBS=	189.0	SIGMA=	0.9	PHAS=	-174.8	FOM=	0.96	TEST=	0
INDE	9	39	12	FOBS=	170.4	SIGMA=	1.0	PHAS=	8.6	FOM=	0.83	TEST=	0
INDE	9	39	14	FOBS=	7.0	SIGMA=	21.9	PHAS=	-29.6	FOM=	0.02	TEST=	0
INDE	9	39	16	FOBS=	123.1	SIGMA=	1.4	PHAS=	38.6	FOM=	0.93	TEST=	0
INDE	9	39	18	FOBS=	240.5	SIGMA=	0.9	PHAS=	114.8	FOM=	0.98	TEST=	0
INDE	9	39	20	FOBS=	109.4	SIGMA=	1.7	PHAS=	-169.5	FOM=	0.88	TEST=	0
INDE	9	39	22	FOBS=	230.7	SIGMA=	1.0	PHAS=	-85.7	FOM=	0.98	TEST=	0
INDE	9	39	24	FOBS=	287.3	SIGMA=	0.8	PHAS=	138.1	FOM=	0.92	TEST=	1
INDE	9	39	26	FOBS=	168.4	SIGMA=	1.3	PHAS=	-80.0	FOM=	0.97	TEST=	0
INDE	9	39	28	FOBS=	116.3	SIGMA=	2.3	PHAS=	168.2	FOM=	0.68	TEST=	0
INDE	9	39	30	FOBS=	55.1	SIGMA=	4.0	PHAS=	17.5	FOM=	0.61	TEST=	0
INDE	9	39	32	FOBS=	154.2	SIGMA=	1.5	PHAS=	-94.3	FOM=	0.88	TEST=	0
INDE	9	39	34	FOBS=	193.6	SIGMA=	1.1	PHAS=	-166.8	FOM=	0.97	TEST=	0
INDE	9	39	36	FOBS=	317.8	SIGMA=	0.8	PHAS=	158.7	FOM=	0.98	TEST=	0
INDE	9	39	38	FOBS=	121.2	SIGMA=	1.7	PHAS=	-1.8	FOM=	0.91	TEST=	0
INDE	9	39	40	FOBS=	152.6	SIGMA=	1.3	PHAS=	49.6	FOM=	0.93	TEST=	0
INDE	9	39	42	FOBS=	80.3	SIGMA=	2.4	PHAS=	-73.9	FOM=	0.76	TEST=	0
INDE	9	39	44	FOBS=	138.5	SIGMA=	1.4	PHAS=	-154.8	FOM=	0.29	TEST=	1
INDE	9	39	46	FOBS=	167.9	SIGMA=	1.2	PHAS=	52.5	FOM=	0.97	TEST=	0
INDE	9	39	48	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	39	50	FOBS=	60.9	SIGMA=	3.6	PHAS=	82.3	FOM=	0.56	TEST=	0
INDE	9	39	52	FOBS=	126.1	SIGMA=	1.8	PHAS=	71.4	FOM=	0.80	TEST=	1
INDE	9	39	54	FOBS=	103.0	SIGMA=	2.1	PHAS=	66.6	FOM=	0.81	TEST=	0
INDE	9	39	56	FOBS=	52.1	SIGMA=	4.1	PHAS=	118.0	FOM=	0.85	TEST=	0
INDE	9	39	58	FOBS=	52.4	SIGMA=	3.5	PHAS=	82.3	FOM=	0.43	TEST=	1
INDE	9	39	60	FOBS=	59.2	SIGMA=	3.1	PHAS=	44.7	FOM=	0.78	TEST=	0
INDE	9	39	62	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	39	64	FOBS=	16.3	SIGMA=	13.1	PHAS=	70.6	FOM=	0.20	TEST=	0
INDE	9	39	66	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	40	9	FOBS=	132.4	SIGMA=	1.3	PHAS=	-80.6	FOM=	0.87	TEST=	0
INDE	9	40	11	FOBS=	282.1	SIGMA=	1.1	PHAS=	-125.6	FOM=	0.96	TEST=	0
INDE	9	40	13	FOBS=	353.2	SIGMA=	0.7	PHAS=	-108.1	FOM=	0.97	TEST=	0
INDE	9	40	15	FOBS=	95.8	SIGMA=	1.8	PHAS=	-70.2	FOM=	0.87	TEST=	0
INDE	9	40	17	FOBS=	203.3	SIGMA=	1.0	PHAS=	9.4	FOM=	0.95	TEST=	0
INDE	9	40	19	FOBS=	279.7	SIGMA=	0.9	PHAS=	-19.6	FOM=	0.95	TEST=	0
INDE	9	40	21	FOBS=	44.6	SIGMA=	4.3	PHAS=	-142.2	FOM=	0.86	TEST=	0
INDE	9	40	23	FOBS=	254.7	SIGMA=	0.9	PHAS=	135.2	FOM=	0.95	TEST=	0
INDE	9	40	25	FOBS=	178.7	SIGMA=	1.2	PHAS=	107.3	FOM=	0.97	TEST=	0
INDE	9	40	27	FOBS=	266.0	SIGMA=	1.2	PHAS=	-161.9	FOM=	0.97	TEST=	0
INDE	9	40	29	FOBS=	102.8	SIGMA=	2.6	PHAS=	-7.3	FOM=	0.89	TEST=	0
INDE	9	40	31	FOBS=	56.5	SIGMA=	3.8	PHAS=	-104.8	FOM=	0.91	TEST=	1
INDE	9	40	33	FOBS=	117.3	SIGMA=	1.9	PHAS=	161.3	FOM=	0.94	TEST=	0
INDE	9	40	35	FOBS=	262.3	SIGMA=	0.9	PHAS=	58.9	FOM=	0.98	TEST=	0
INDE	9	40	37	FOBS=	96.0	SIGMA=	2.0	PHAS=	-49.9	FOM=	0.89	TEST=	0
INDE	9	40	39	FOBS=	76.2	SIGMA=	2.5	PHAS=	46.8	FOM=	0.74	TEST=	0
INDE	9	40	41	FOBS=	106.8	SIGMA=	1.8	PHAS=	8.3	FOM=	0.77	TEST=	0
INDE	9	40	43	FOBS=	233.6	SIGMA=	1.0	PHAS=	153.8	FOM=	0.97	TEST=	0
INDE	9	40	45	FOBS=	110.9	SIGMA=	1.7	PHAS=	-70.1	FOM=	0.90	TEST=	0
INDE	9	40	47	FOBS=	82.5	SIGMA=	2.2	PHAS=	0.4	FOM=	0.87	TEST=	0
INDE	9	40	49	FOBS=	45.1	SIGMA=	4.7	PHAS=	-178.3	FOM=	0.50	TEST=	0
INDE	9	40	51	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	40	53	FOBS=	22.3	SIGMA=	9.7	PHAS=	-154.8	FOM=	0.34	TEST=	0
INDE	9	40	55	FOBS=	81.5	SIGMA=	2.7	PHAS=	-64.1	FOM=	0.83	TEST=	0
INDE	9	40	57	FOBS=	136.8	SIGMA=	1.7	PHAS=	74.0	FOM=	0.93	TEST=	0
INDE	9	40	59	FOBS=	89.0	SIGMA=	2.1	PHAS=	-88.1	FOM=	0.95	TEST=	0
INDE	9	40	61	FOBS=	63.6	SIGMA=	2.9	PHAS=	33.8	FOM=	0.73	TEST=	0
INDE	9	40	63	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	40	65	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	41	10	FOBS=	421.6	SIGMA=	0.8	PHAS=	160.6	FOM=	0.97	TEST=	0
INDE	9	41	12	FOBS=	405.0	SIGMA=	0.7	PHAS=	-169.2	FOM=	0.99	TEST=	0
INDE	9	41	14	FOBS=	289.4	SIGMA=	0.8	PHAS=	167.0	FOM=	0.94	TEST=	0
INDE	9	41	16	FOBS=	109.1	SIGMA=	1.7	PHAS=	-19.2	FOM=	0.87	TEST=	0
INDE	9	41	18	FOBS=	361.9	SIGMA=	0.7	PHAS=	-156.3	FOM=	0.98	TEST=	0
INDE	9	41	20	FOBS=	150.7	SIGMA=	1.5	PHAS=	-112.4	FOM=	0.95	TEST=	0
INDE	9	41	22	FOBS=	140.2	SIGMA=	1.5	PHAS=	86.9	FOM=	0.93	TEST=	0
INDE	9	41	24	FOBS=	121.0	SIGMA=	1.8	PHAS=	66.2	FOM=	0.80	TEST=	0
INDE	9	41	26	FOBS=	136.9	SIGMA=	1.6	PHAS=	-6.8	FOM=	0.95	TEST=	1
INDE	9	41	28	FOBS=	219.6	SIGMA=	1.3	PHAS=	21.8	FOM=	0.73	TEST=	1
INDE	9	41	30	FOBS=	70.7	SIGMA=	3.6	PHAS=	-59.2	FOM=	0.07	TEST=	0

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INDE	9	41	32	FOBS=	201.1	SIGMA=	1.2	PHAS=	-142.1	FOM=	0.91	TEST=	0
INDE	9	41	34	FOBS=	79.0	SIGMA=	2.6	PHAS=	55.8	FOM=	0.84	TEST=	0
INDE	9	41	36	FOBS=	68.3	SIGMA=	2.9	PHAS=	170.4	FOM=	0.48	TEST=	0
INDE	9	41	38	FOBS=	66.8	SIGMA=	2.9	PHAS=	-144.5	FOM=	0.83	TEST=	0
INDE	9	41	40	FOBS=	48.0	SIGMA=	4.0	PHAS=	-3.1	FOM=	0.79	TEST=	0
INDE	9	41	42	FOBS=	72.7	SIGMA=	2.7	PHAS=	76.6	FOM=	0.85	TEST=	0
INDE	9	41	44	FOBS=	125.9	SIGMA=	1.6	PHAS=	70.2	FOM=	0.97	TEST=	0
INDE	9	41	46	FOBS=	35.1	SIGMA=	5.5	PHAS=	20.5	FOM=	0.38	TEST=	0
INDE	9	41	48	FOBS=	83.1	SIGMA=	2.2	PHAS=	37.9	FOM=	0.69	TEST=	0
INDE	9	41	50	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	41	52	FOBS=	99.5	SIGMA=	2.2	PHAS=	103.5	FOM=	0.93	TEST=	0
INDE	9	41	54	FOBS=	16.3	SIGMA=	13.2	PHAS=	93.0	FOM=	0.32	TEST=	0
INDE	9	41	56	FOBS=	125.6	SIGMA=	1.8	PHAS=	-70.2	FOM=	0.95	TEST=	0
INDE	9	41	58	FOBS=	78.9	SIGMA=	2.4	PHAS=	-88.3	FOM=	0.88	TEST=	0
INDE	9	41	60	FOBS=	55.5	SIGMA=	3.4	PHAS=	-154.3	FOM=	0.48	TEST=	0
INDE	9	41	62	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	41	64	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	42	9	FOBS=	90.0	SIGMA=	1.9	PHAS=	85.3	FOM=	0.95	TEST=	0
INDE	9	42	11	FOBS=	242.7	SIGMA=	1.1	PHAS=	64.9	FOM=	0.95	TEST=	1
INDE	9	42	13	FOBS=	215.6	SIGMA=	1.0	PHAS=	138.0	FOM=	0.50	TEST=	1
INDE	9	42	15	FOBS=	98.5	SIGMA=	1.9	PHAS=	-94.3	FOM=	0.26	TEST=	0
INDE	9	42	17	FOBS=	254.9	SIGMA=	0.9	PHAS=	103.1	FOM=	0.92	TEST=	0
INDE	9	42	19	FOBS=	51.4	SIGMA=	4.1	PHAS=	-27.9	FOM=	0.85	TEST=	0
INDE	9	42	21	FOBS=	38.4	SIGMA=	5.4	PHAS=	-9.6	FOM=	0.38	TEST=	0
INDE	9	42	23	FOBS=	50.0	SIGMA=	4.7	PHAS=	123.7	FOM=	0.78	TEST=	0
INDE	9	42	25	FOBS=	157.8	SIGMA=	1.4	PHAS=	-86.7	FOM=	0.97	TEST=	0
INDE	9	42	27	FOBS=	124.2	SIGMA=	1.7	PHAS=	-33.1	FOM=	0.93	TEST=	0
INDE	9	42	29	FOBS=	161.6	SIGMA=	1.7	PHAS=	-54.7	FOM=	0.85	TEST=	0
INDE	9	42	31	FOBS=	62.9	SIGMA=	3.7	PHAS=	105.0	FOM=	0.23	TEST=	0
INDE	9	42	33	FOBS=	74.2	SIGMA=	2.9	PHAS=	98.4	FOM=	0.23	TEST=	0
INDE	9	42	35	FOBS=	61.8	SIGMA=	3.1	PHAS=	35.6	FOM=	0.88	TEST=	0
INDE	9	42	37	FOBS=	95.4	SIGMA=	2.0	PHAS=	-2.2	FOM=	0.87	TEST=	0
INDE	9	42	39	FOBS=	34.1	SIGMA=	5.6	PHAS=	107.5	FOM=	0.86	TEST=	0
INDE	9	42	41	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	42	43	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	42	45	FOBS=	56.1	SIGMA=	3.3	PHAS=	-107.5	FOM=	0.54	TEST=	0
INDE	9	42	47	FOBS=	44.0	SIGMA=	4.1	PHAS=	117.7	FOM=	0.69	TEST=	0
INDE	9	42	49	FOBS=	160.9	SIGMA=	1.2	PHAS=	168.1	FOM=	0.87	TEST=	0
INDE	9	42	51	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	42	53	FOBS=	28.3	SIGMA=	8.4	PHAS=	144.0	FOM=	0.42	TEST=	0
INDE	9	42	55	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	42	57	FOBS=	80.7	SIGMA=	2.7	PHAS=	-145.1	FOM=	0.80	TEST=	0
INDE	9	42	59	FOBS=	57.0	SIGMA=	3.3	PHAS=	162.8	FOM=	0.54	TEST=	0
INDE	9	42	61	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	42	63	FOBS=	32.4	SIGMA=	6.8	PHAS=	-123.3	FOM=	0.76	TEST=	0
INDE	9	43	10	FOBS=	297.4	SIGMA=	1.2	PHAS=	55.4	FOM=	0.96	TEST=	0
INDE	9	43	12	FOBS=	100.2	SIGMA=	2.5	PHAS=	174.7	FOM=	0.75	TEST=	0
INDE	9	43	14	FOBS=	155.8	SIGMA=	1.3	PHAS=	-15.8	FOM=	0.87	TEST=	0
INDE	9	43	16	FOBS=	247.9	SIGMA=	0.9	PHAS=	27.3	FOM=	0.97	TEST=	0
INDE	9	43	18	FOBS=	167.2	SIGMA=	1.3	PHAS=	-141.2	FOM=	0.87	TEST=	0
INDE	9	43	20	FOBS=	129.4	SIGMA=	1.8	PHAS=	166.5	FOM=	0.90	TEST=	0
INDE	9	43	22	FOBS=	157.0	SIGMA=	1.4	PHAS=	35.7	FOM=	0.86	TEST=	0
INDE	9	43	24	FOBS=	182.8	SIGMA=	1.3	PHAS=	167.8	FOM=	0.91	TEST=	0
INDE	9	43	26	FOBS=	44.1	SIGMA=	4.7	PHAS=	-112.9	FOM=	0.23	TEST=	0
INDE	9	43	28	FOBS=	124.2	SIGMA=	1.7	PHAS=	-91.9	FOM=	0.93	TEST=	0
INDE	9	43	30	FOBS=	172.0	SIGMA=	1.6	PHAS=	172.4	FOM=	0.93	TEST=	0
INDE	9	43	32	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	43	34	FOBS=	9.5	SIGMA=	21.6	PHAS=	-98.2	FOM=	0.03	TEST=	0
INDE	9	43	36	FOBS=	89.0	SIGMA=	2.2	PHAS=	6.8	FOM=	0.67	TEST=	0
INDE	9	43	38	FOBS=	164.7	SIGMA=	1.3	PHAS=	-141.5	FOM=	0.96	TEST=	0
INDE	9	43	40	FOBS=	70.8	SIGMA=	2.7	PHAS=	96.8	FOM=	0.80	TEST=	0
INDE	9	43	42	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	43	44	FOBS=	79.1	SIGMA=	2.4	PHAS=	-55.3	FOM=	0.85	TEST=	0
INDE	9	43	46	FOBS=	118.9	SIGMA=	1.6	PHAS=	-8.1	FOM=	0.93	TEST=	0
INDE	9	43	48	FOBS=	178.3	SIGMA=	1.1	PHAS=	59.5	FOM=	0.63	TEST=	1
INDE	9	43	50	FOBS=	124.3	SIGMA=	1.5	PHAS=	63.3	FOM=	0.87	TEST=	0
INDE	9	43	52	FOBS=	40.7	SIGMA=	5.3	PHAS=	79.9	FOM=	0.17	TEST=	1
INDE	9	43	54	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	43	56	FOBS=	62.4	SIGMA=	3.5	PHAS=	-175.5	FOM=	0.77	TEST=	0
INDE	9	43	58	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	9	43	60	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	43	62	FOBS=	55.8	SIGMA=	4.0	PHAS=	123.4	FOM=	0.84	TEST=	0
INDE	9	43	64	FOBS=	39.2	SIGMA=	5.8	PHAS=	-5.9	FOM=	0.46	TEST=	0
INDE	9	44	9	FOBS=	242.1	SIGMA=	0.9	PHAS=	-102.0	FOM=	0.94	TEST=	0
INDE	9	44	11	FOBS=	141.0	SIGMA=	1.9	PHAS=	-10.2	FOM=	0.96	TEST=	0
INDE	9	44	13	FOBS=	178.7	SIGMA=	1.1	PHAS=	51.1	FOM=	0.94	TEST=	0
INDE	9	44	15	FOBS=	230.9	SIGMA=	1.0	PHAS=	-125.3	FOM=	0.93	TEST=	0
INDE	9	44	17	FOBS=	101.5	SIGMA=	2.1	PHAS=	10.9	FOM=	0.94	TEST=	0
INDE	9	44	19	FOBS=	220.3	SIGMA=	1.1	PHAS=	64.2	FOM=	0.93	TEST=	0
INDE	9	44	21	FOBS=	181.9	SIGMA=	1.2	PHAS=	71.9	FOM=	0.72	TEST=	0
INDE	9	44	23	FOBS=	134.1	SIGMA=	1.6	PHAS=	94.8	FOM=	0.83	TEST=	0
INDE	9	44	25	FOBS=	94.3	SIGMA=	2.3	PHAS=	81.5	FOM=	0.88	TEST=	0
INDE	9	44	27	FOBS=	99.6	SIGMA=	2.1	PHAS=	52.9	FOM=	0.49	TEST=	1
INDE	9	44	29	FOBS=	112.4	SIGMA=	1.9	PHAS=	136.9	FOM=	0.91	TEST=	0
INDE	9	44	31	FOBS=	69.2	SIGMA=	3.6	PHAS=	45.9	FOM=	0.68	TEST=	0
INDE	9	44	33	FOBS=	33.7	SIGMA=	7.7	PHAS=	-6.2	FOM=	0.62	TEST=	0
INDE	9	44	35	FOBS=	41.7	SIGMA=	5.0	PHAS=	-43.5	FOM=	0.21	TEST=	0
INDE	9	44	37	FOBS=	128.5	SIGMA=	1.5	PHAS=	-64.6	FOM=	0.85	TEST=	0
INDE	9	44	39	FOBS=	149.9	SIGMA=	1.4	PHAS=	59.7	FOM=	0.94	TEST=	1
INDE	9	44	41	FOBS=	53.2	SIGMA=	3.5	PHAS=	41.3	FOM=	0.40	TEST=	0
INDE	9	44	43	FOBS=	84.5	SIGMA=	2.2	PHAS=	-74.8	FOM=	0.19	TEST=	1
INDE	9	44	45	FOBS=	99.5	SIGMA=	1.9	PHAS=	-170.2	FOM=	0.90	TEST=	0
INDE	9	44	47	FOBS=	165.5	SIGMA=	1.2	PHAS=	-121.0	FOM=	0.94	TEST=	0
INDE	9	44	49	FOBS=	99.6	SIGMA=	1.9	PHAS=	-106.1	FOM=	0.82	TEST=	0
INDE	9	44	51	FOBS=	100.0	SIGMA=	2.1	PHAS=	-93.8	FOM=	0.29	TEST=	1
INDE	9	44	53	FOBS=	134.3	SIGMA=	1.6	PHAS=	-177.6	FOM=	0.96	TEST=	0
INDE	9	44	55	FOBS=	48.5	SIGMA=	4.6	PHAS=	-79.9	FOM=	0.06	TEST=	0
INDE	9	44	57	FOBS=	80.8	SIGMA=	2.8	PHAS=	113.2	FOM=	0.84	TEST=	0
INDE	9	44	59	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	44	61	FOBS=	43.5	SIGMA=	5.1	PHAS=	54.7	FOM=	0.38	TEST=	0
INDE	9	44	63	FOBS=	29.6	SIGMA=	9.7	PHAS=	-133.9	FOM=	0.42	TEST=	0
INDE	9	45	10	FOBS=	213.5	SIGMA=	1.0	PHAS=	-170.1	FOM=	0.88	TEST=	0
INDE	9	45	12	FOBS=	13.8	SIGMA=	19.2	PHAS=	33.7	FOM=	0.12	TEST=	0
INDE	9	45	14	FOBS=	136.8	SIGMA=	1.5	PHAS=	-90.5	FOM=	0.89	TEST=	0
INDE	9	45	16	FOBS=	66.5	SIGMA=	3.1	PHAS=	-158.3	FOM=	0.66	TEST=	0
INDE	9	45	18	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	45	20	FOBS=	107.3	SIGMA=	2.1	PHAS=	-73.5	FOM=	0.73	TEST=	0
INDE	9	45	22	FOBS=	107.0	SIGMA=	2.0	PHAS=	-3.2	FOM=	0.71	TEST=	0
INDE	9	45	24	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	45	26	FOBS=	63.1	SIGMA=	3.3	PHAS=	129.5	FOM=	0.91	TEST=	0
INDE	9	45	28	FOBS=	14.1	SIGMA=	17.8	PHAS=	-20.6	FOM=	0.04	TEST=	0
INDE	9	45	30	FOBS=	26.9	SIGMA=	8.2	PHAS=	141.6	FOM=	0.31	TEST=	0
INDE	9	45	32	FOBS=	135.3	SIGMA=	1.9	PHAS=	16.0	FOM=	0.94	TEST=	0
INDE	9	45	34	FOBS=	146.9	SIGMA=	1.5	PHAS=	173.7	FOM=	0.81	TEST=	0
INDE	9	45	36	FOBS=	12.1	SIGMA=	17.3	PHAS=	161.8	FOM=	0.09	TEST=	0
INDE	9	45	38	FOBS=	107.5	SIGMA=	1.8	PHAS=	-11.3	FOM=	0.77	TEST=	1
INDE	9	45	40	FOBS=	86.1	SIGMA=	2.2	PHAS=	-17.5	FOM=	0.78	TEST=	0
INDE	9	45	42	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	45	44	FOBS=	39.0	SIGMA=	4.7	PHAS=	-146.8	FOM=	0.63	TEST=	0
INDE	9	45	46	FOBS=	119.5	SIGMA=	1.6	PHAS=	52.7	FOM=	0.96	TEST=	0
INDE	9	45	48	FOBS=	86.8	SIGMA=	2.2	PHAS=	61.5	FOM=	0.91	TEST=	0
INDE	9	45	50	FOBS=	67.4	SIGMA=	3.0	PHAS=	103.0	FOM=	0.77	TEST=	0
INDE	9	45	52	FOBS=	118.7	SIGMA=	1.8	PHAS=	97.9	FOM=	0.94	TEST=	0
INDE	9	45	54	FOBS=	156.9	SIGMA=	1.4	PHAS=	20.1	FOM=	0.29	TEST=	1
INDE	9	45	56	FOBS=	59.4	SIGMA=	3.7	PHAS=	-83.9	FOM=	0.16	TEST=	1
INDE	9	45	58	FOBS=	54.1	SIGMA=	3.6	PHAS=	32.7	FOM=	0.85	TEST=	0
INDE	9	45	60	FOBS=	52.9	SIGMA=	4.3	PHAS=	-6.3	FOM=	0.47	TEST=	0
INDE	9	45	62	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	46	9	FOBS=	144.0	SIGMA=	1.5	PHAS=	120.3	FOM=	0.88	TEST=	0
INDE	9	46	11	FOBS=	98.5	SIGMA=	2.0	PHAS=	57.1	FOM=	0.95	TEST=	0
INDE	9	46	13	FOBS=	182.2	SIGMA=	1.6	PHAS=	-50.2	FOM=	0.95	TEST=	0
INDE	9	46	15	FOBS=	141.5	SIGMA=	1.5	PHAS=	-170.5	FOM=	0.95	TEST=	0
INDE	9	46	17	FOBS=	185.6	SIGMA=	1.2	PHAS=	28.9	FOM=	0.94	TEST=	0
INDE	9	46	19	FOBS=	181.8	SIGMA=	1.2	PHAS=	172.3	FOM=	0.77	TEST=	0
INDE	9	46	21	FOBS=	234.9	SIGMA=	1.0	PHAS=	-28.1	FOM=	0.94	TEST=	0
INDE	9	46	23	FOBS=	94.3	SIGMA=	2.2	PHAS=	158.6	FOM=	0.85	TEST=	0
INDE	9	46	25	FOBS=	133.4	SIGMA=	1.6	PHAS=	102.6	FOM=	0.94	TEST=	0
INDE	9	46	27	FOBS=	124.8	SIGMA=	1.7	PHAS=	-95.3	FOM=	0.81	TEST=	0
INDE	9	46	29	FOBS=	161.2	SIGMA=	1.3	PHAS=	-131.1	FOM=	0.79	TEST=	0
INDE	9	46	31	FOBS=	130.3	SIGMA=	1.6	PHAS=	-41.9	FOM=	0.88	TEST=	0

INDE	9	46	33	FOBS=	51.4	SIGMA=	4.8	PHAS=	-87.2	FOM=	0.45	TEST=	0
INDE	9	46	35	FOBS=	161.0	SIGMA=	1.4	PHAS=	83.1	FOM=	0.63	TEST=	1
INDE	9	46	37	FOBS=	207.7	SIGMA=	1.0	PHAS=	-90.0	FOM=	0.97	TEST=	0
INDE	9	46	39	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	46	41	FOBS=	58.7	SIGMA=	3.2	PHAS=	53.1	FOM=	0.40	TEST=	0
INDE	9	46	43	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	46	45	FOBS=	64.1	SIGMA=	2.9	PHAS=	-85.2	FOM=	0.92	TEST=	0
INDE	9	46	47	FOBS=	64.7	SIGMA=	2.9	PHAS=	-44.0	FOM=	0.81	TEST=	0
INDE	9	46	49	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	46	51	FOBS=	30.5	SIGMA=	7.0	PHAS=	-6.4	FOM=	0.47	TEST=	0
INDE	9	46	53	FOBS=	137.4	SIGMA=	1.6	PHAS=	29.1	FOM=	0.96	TEST=	0
INDE	9	46	55	FOBS=	54.4	SIGMA=	3.7	PHAS=	-91.8	FOM=	0.71	TEST=	0
INDE	9	46	57	FOBS=	37.6	SIGMA=	9.8	PHAS=	0.1	FOM=	0.44	TEST=	0
INDE	9	46	59	FOBS=	78.1	SIGMA=	2.8	PHAS=	-39.2	FOM=	0.92	TEST=	0
INDE	9	46	61	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	47	10	FOBS=	211.1	SIGMA=	0.8	PHAS=	-58.9	FOM=	0.82	TEST=	1
INDE	9	47	12	FOBS=	101.2	SIGMA=	2.8	PHAS=	92.1	FOM=	0.91	TEST=	0
INDE	9	47	14	FOBS=	132.9	SIGMA=	1.6	PHAS=	-136.3	FOM=	0.93	TEST=	0
INDE	9	47	16	FOBS=	100.0	SIGMA=	2.1	PHAS=	-59.8	FOM=	0.69	TEST=	0
INDE	9	47	18	FOBS=	70.0	SIGMA=	3.0	PHAS=	-20.1	FOM=	0.72	TEST=	0
INDE	9	47	20	FOBS=	209.9	SIGMA=	1.1	PHAS=	-98.9	FOM=	0.94	TEST=	0
INDE	9	47	22	FOBS=	51.0	SIGMA=	4.0	PHAS=	-148.9	FOM=	0.71	TEST=	0
INDE	9	47	24	FOBS=	192.6	SIGMA=	1.2	PHAS=	18.1	FOM=	0.95	TEST=	0
INDE	9	47	26	FOBS=	91.3	SIGMA=	2.3	PHAS=	115.2	FOM=	0.19	TEST=	1
INDE	9	47	28	FOBS=	134.1	SIGMA=	1.6	PHAS=	144.9	FOM=	0.91	TEST=	0
INDE	9	47	30	FOBS=	149.2	SIGMA=	1.4	PHAS=	-141.5	FOM=	0.94	TEST=	0
INDE	9	47	32	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	47	34	FOBS=	28.4	SIGMA=	7.8	PHAS=	-119.6	FOM=	0.48	TEST=	0
INDE	9	47	36	FOBS=	148.7	SIGMA=	1.5	PHAS=	-127.0	FOM=	0.92	TEST=	0
INDE	9	47	38	FOBS=	46.0	SIGMA=	4.0	PHAS=	167.0	FOM=	0.30	TEST=	0
INDE	9	47	40	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	47	42	FOBS=	74.6	SIGMA=	2.5	PHAS=	34.0	FOM=	0.63	TEST=	0
INDE	9	47	44	FOBS=	45.5	SIGMA=	4.1	PHAS=	82.8	FOM=	0.38	TEST=	1
INDE	9	47	46	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	47	48	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	47	50	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	47	52	FOBS=	60.8	SIGMA=	3.3	PHAS=	-76.4	FOM=	0.88	TEST=	0
INDE	9	47	54	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	47	56	FOBS=	36.1	SIGMA=	6.7	PHAS=	31.7	FOM=	0.21	TEST=	0
INDE	9	47	58	FOBS=	37.2	SIGMA=	5.7	PHAS=	-127.5	FOM=	0.38	TEST=	0
INDE	9	47	60	FOBS=	49.9	SIGMA=	4.7	PHAS=	-138.7	FOM=	0.04	TEST=	1
INDE	9	48	9	FOBS=	198.2	SIGMA=	1.3	PHAS=	-176.6	FOM=	0.96	TEST=	0
INDE	9	48	11	FOBS=	128.5	SIGMA=	1.2	PHAS=	-138.8	FOM=	0.78	TEST=	0
INDE	9	48	13	FOBS=	190.9	SIGMA=	1.6	PHAS=	-39.7	FOM=	0.74	TEST=	1
INDE	9	48	15	FOBS=	84.9	SIGMA=	2.4	PHAS=	127.2	FOM=	0.96	TEST=	0
INDE	9	48	17	FOBS=	95.5	SIGMA=	2.1	PHAS=	139.9	FOM=	0.70	TEST=	0
INDE	9	48	19	FOBS=	82.2	SIGMA=	2.8	PHAS=	-121.3	FOM=	0.90	TEST=	1
INDE	9	48	21	FOBS=	64.0	SIGMA=	3.4	PHAS=	-35.3	FOM=	0.73	TEST=	0
INDE	9	48	23	FOBS=	40.3	SIGMA=	5.0	PHAS=	96.4	FOM=	0.58	TEST=	0
INDE	9	48	25	FOBS=	44.3	SIGMA=	4.6	PHAS=	-31.8	FOM=	0.80	TEST=	0
INDE	9	48	27	FOBS=	91.3	SIGMA=	2.3	PHAS=	29.6	FOM=	0.37	TEST=	0
INDE	9	48	29	FOBS=	85.5	SIGMA=	2.4	PHAS=	-104.6	FOM=	0.77	TEST=	0
INDE	9	48	31	FOBS=	112.9	SIGMA=	1.8	PHAS=	77.9	FOM=	0.83	TEST=	0
INDE	9	48	33	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	48	35	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	48	37	FOBS=	62.5	SIGMA=	3.3	PHAS=	-137.6	FOM=	0.72	TEST=	0
INDE	9	48	39	FOBS=	27.9	SIGMA=	6.6	PHAS=	-106.2	FOM=	0.32	TEST=	0
INDE	9	48	41	FOBS=	32.5	SIGMA=	5.7	PHAS=	-81.9	FOM=	0.20	TEST=	0
INDE	9	48	43	FOBS=	59.8	SIGMA=	3.1	PHAS=	-3.4	FOM=	0.74	TEST=	0
INDE	9	48	45	FOBS=	57.7	SIGMA=	3.2	PHAS=	-33.0	FOM=	0.05	TEST=	0
INDE	9	48	47	FOBS=	25.9	SIGMA=	7.4	PHAS=	-93.4	FOM=	0.41	TEST=	0
INDE	9	48	49	FOBS=	50.9	SIGMA=	4.0	PHAS=	117.1	FOM=	0.29	TEST=	0
INDE	9	48	51	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	48	53	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	48	55	FOBS=	30.0	SIGMA=	10.1	PHAS=	13.0	FOM=	0.29	TEST=	0
INDE	9	48	57	FOBS=	24.2	SIGMA=	10.2	PHAS=	-21.7	FOM=	0.29	TEST=	0
INDE	9	48	59	FOBS=	45.4	SIGMA=	5.2	PHAS=	-53.6	FOM=	0.14	TEST=	1
INDE	9	49	10	FOBS=	97.8	SIGMA=	1.9	PHAS=	103.7	FOM=	0.96	TEST=	0
INDE	9	49	12	FOBS=	199.8	SIGMA=	1.5	PHAS=	173.5	FOM=	0.93	TEST=	0
INDE	9	49	14	FOBS=	80.5	SIGMA=	3.4	PHAS=	-98.8	FOM=	0.88	TEST=	0

INDE	9	49	16	FOBS=	83.5	SIGMA=	2.4	PHAS=	-36.8	FOM=	0.80	TEST=	0
INDE	9	49	18	FOBS=	32.5	SIGMA=	6.1	PHAS=	52.6	FOM=	0.80	TEST=	0
INDE	9	49	20	FOBS=	110.0	SIGMA=	1.9	PHAS=	-147.9	FOM=	0.93	TEST=	0
INDE	9	49	22	FOBS=	17.1	SIGMA=	11.6	PHAS=	-173.3	FOM=	0.58	TEST=	1
INDE	9	49	24	FOBS=	129.3	SIGMA=	1.6	PHAS=	-22.2	FOM=	0.85	TEST=	0
INDE	9	49	26	FOBS=	72.5	SIGMA=	2.8	PHAS=	24.3	FOM=	0.82	TEST=	0
INDE	9	49	28	FOBS=	59.2	SIGMA=	3.5	PHAS=	-127.4	FOM=	0.52	TEST=	0
INDE	9	49	30	FOBS=	142.5	SIGMA=	1.5	PHAS=	-110.8	FOM=	0.79	TEST=	0
INDE	9	49	32	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	49	34	FOBS=	67.1	SIGMA=	3.7	PHAS=	98.0	FOM=	0.62	TEST=	0
INDE	9	49	36	FOBS=	50.9	SIGMA=	4.0	PHAS=	-71.0	FOM=	0.63	TEST=	0
INDE	9	49	38	FOBS=	49.9	SIGMA=	4.0	PHAS=	10.8	FOM=	0.69	TEST=	0
INDE	9	49	40	FOBS=	112.4	SIGMA=	1.7	PHAS=	130.3	FOM=	0.93	TEST=	0
INDE	9	49	42	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	49	44	FOBS=	42.9	SIGMA=	4.3	PHAS=	-64.6	FOM=	0.59	TEST=	0
INDE	9	49	46	FOBS=	69.2	SIGMA=	2.7	PHAS=	-139.6	FOM=	0.82	TEST=	0
INDE	9	49	48	FOBS=	27.9	SIGMA=	6.9	PHAS=	-29.8	FOM=	0.06	TEST=	0
INDE	9	49	50	FOBS=	16.5	SIGMA=	12.3	PHAS=	-81.8	FOM=	0.10	TEST=	0
INDE	9	49	52	FOBS=	52.9	SIGMA=	3.9	PHAS=	-81.9	FOM=	0.69	TEST=	0
INDE	9	49	54	FOBS=	28.5	SIGMA=	7.7	PHAS=	-59.5	FOM=	0.49	TEST=	0
INDE	9	49	56	FOBS=	33.3	SIGMA=	6.2	PHAS=	-86.3	FOM=	0.50	TEST=	0
INDE	9	49	58	FOBS=	16.0	SIGMA=	19.6	PHAS=	-152.9	FOM=	0.31	TEST=	0
INDE	9	50	9	FOBS=	286.8	SIGMA=	1.2	PHAS=	-52.8	FOM=	0.96	TEST=	0
INDE	9	50	11	FOBS=	158.5	SIGMA=	1.2	PHAS=	116.3	FOM=	0.91	TEST=	0
INDE	9	50	13	FOBS=	85.2	SIGMA=	2.0	PHAS=	-53.1	FOM=	0.94	TEST=	0
INDE	9	50	15	FOBS=	66.7	SIGMA=	3.0	PHAS=	-141.1	FOM=	0.80	TEST=	0
INDE	9	50	17	FOBS=	236.3	SIGMA=	1.0	PHAS=	170.4	FOM=	0.96	TEST=	0
INDE	9	50	19	FOBS=	117.1	SIGMA=	1.8	PHAS=	-130.1	FOM=	0.92	TEST=	0
INDE	9	50	21	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	50	23	FOBS=	204.0	SIGMA=	1.1	PHAS=	23.7	FOM=	0.96	TEST=	0
INDE	9	50	25	FOBS=	211.3	SIGMA=	1.1	PHAS=	-67.7	FOM=	0.95	TEST=	1
INDE	9	50	27	FOBS=	157.4	SIGMA=	1.4	PHAS=	-80.5	FOM=	0.91	TEST=	0
INDE	9	50	29	FOBS=	95.4	SIGMA=	2.2	PHAS=	163.8	FOM=	0.72	TEST=	0
INDE	9	50	31	FOBS=	74.2	SIGMA=	2.7	PHAS=	123.1	FOM=	0.38	TEST=	0
INDE	9	50	33	FOBS=	165.4	SIGMA=	1.3	PHAS=	-1.0	FOM=	0.92	TEST=	0
INDE	9	50	35	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	50	37	FOBS=	67.9	SIGMA=	3.0	PHAS=	-124.3	FOM=	0.80	TEST=	0
INDE	9	50	39	FOBS=	165.8	SIGMA=	1.2	PHAS=	101.9	FOM=	0.95	TEST=	0
INDE	9	50	41	FOBS=	66.7	SIGMA=	2.8	PHAS=	51.8	FOM=	0.77	TEST=	0
INDE	9	50	43	FOBS=	72.2	SIGMA=	2.6	PHAS=	-76.0	FOM=	0.77	TEST=	0
INDE	9	50	45	FOBS=	114.0	SIGMA=	1.7	PHAS=	130.4	FOM=	0.90	TEST=	0
INDE	9	50	47	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	50	49	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	50	51	FOBS=	113.5	SIGMA=	1.9	PHAS=	-45.4	FOM=	0.11	TEST=	1
INDE	9	50	53	FOBS=	52.4	SIGMA=	3.9	PHAS=	-155.1	FOM=	0.63	TEST=	0
INDE	9	50	55	FOBS=	25.5	SIGMA=	9.4	PHAS=	163.7	FOM=	0.39	TEST=	0
INDE	9	50	57	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	51	10	FOBS=	125.1	SIGMA=	2.2	PHAS=	143.7	FOM=	0.90	TEST=	0
INDE	9	51	12	FOBS=	134.4	SIGMA=	1.1	PHAS=	83.3	FOM=	0.96	TEST=	0
INDE	9	51	14	FOBS=	202.6	SIGMA=	0.9	PHAS=	-163.8	FOM=	0.95	TEST=	0
INDE	9	51	16	FOBS=	78.7	SIGMA=	2.5	PHAS=	38.3	FOM=	0.90	TEST=	0
INDE	9	51	18	FOBS=	156.3	SIGMA=	1.3	PHAS=	87.8	FOM=	0.86	TEST=	0
INDE	9	51	20	FOBS=	102.3	SIGMA=	2.0	PHAS=	115.3	FOM=	0.92	TEST=	0
INDE	9	51	22	FOBS=	207.1	SIGMA=	1.1	PHAS=	-19.0	FOM=	0.95	TEST=	0
INDE	9	51	24	FOBS=	162.0	SIGMA=	1.3	PHAS=	-72.7	FOM=	0.94	TEST=	0
INDE	9	51	26	FOBS=	122.2	SIGMA=	1.7	PHAS=	-115.3	FOM=	0.92	TEST=	0
INDE	9	51	28	FOBS=	152.0	SIGMA=	1.4	PHAS=	174.4	FOM=	0.95	TEST=	0
INDE	9	51	30	FOBS=	29.0	SIGMA=	8.5	PHAS=	83.3	FOM=	0.11	TEST=	0
INDE	9	51	32	FOBS=	32.7	SIGMA=	6.0	PHAS=	-101.0	FOM=	0.73	TEST=	0
INDE	9	51	34	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	51	36	FOBS=	38.8	SIGMA=	5.6	PHAS=	178.1	FOM=	0.62	TEST=	0
INDE	9	51	38	FOBS=	183.5	SIGMA=	1.2	PHAS=	-14.2	FOM=	0.96	TEST=	0
INDE	9	51	40	FOBS=	122.8	SIGMA=	1.6	PHAS=	65.7	FOM=	0.95	TEST=	0
INDE	9	51	42	FOBS=	44.7	SIGMA=	4.3	PHAS=	5.8	FOM=	0.57	TEST=	0
INDE	9	51	44	FOBS=	65.0	SIGMA=	2.9	PHAS=	102.0	FOM=	0.07	TEST=	1
INDE	9	51	46	FOBS=	24.8	SIGMA=	8.0	PHAS=	20.3	FOM=	0.67	TEST=	0
INDE	9	51	48	FOBS=	45.7	SIGMA=	4.5	PHAS=	107.9	FOM=	0.37	TEST=	0
INDE	9	51	50	FOBS=	76.4	SIGMA=	2.7	PHAS=	-24.0	FOM=	0.84	TEST=	0
INDE	9	51	52	FOBS=	28.1	SIGMA=	10.3	PHAS=	-150.7	FOM=	0.34	TEST=	0
INDE	9	51	54	FOBS=	49.3	SIGMA=	4.2	PHAS=	83.9	FOM=	0.80	TEST=	0

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INDE	9	51	56	FOBS=	37.3	SIGMA=	6.6	PHAS=	1.1	FOM=	0.70	TEST=	0
INDE	9	51	58	FOBS=	0.0	SIGMA=	28.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	52	9	FOBS=	210.9	SIGMA=	1.4	PHAS=	-51.3	FOM=	0.91	TEST=	0
INDE	9	52	11	FOBS=	167.7	SIGMA=	1.1	PHAS=	28.7	FOM=	0.95	TEST=	0
INDE	9	52	13	FOBS=	220.9	SIGMA=	1.0	PHAS=	81.8	FOM=	0.97	TEST=	0
INDE	9	52	15	FOBS=	51.8	SIGMA=	3.8	PHAS=	-178.3	FOM=	0.71	TEST=	0
INDE	9	52	17	FOBS=	62.0	SIGMA=	3.1	PHAS=	-91.4	FOM=	0.83	TEST=	0
INDE	9	52	19	FOBS=	144.0	SIGMA=	1.4	PHAS=	-65.1	FOM=	0.83	TEST=	0
INDE	9	52	21	FOBS=	104.0	SIGMA=	2.0	PHAS=	-128.1	FOM=	0.88	TEST=	0
INDE	9	52	23	FOBS=	40.8	SIGMA=	4.9	PHAS=	-116.6	FOM=	0.52	TEST=	0
INDE	9	52	25	FOBS=	104.4	SIGMA=	2.0	PHAS=	-80.5	FOM=	0.85	TEST=	0
INDE	9	52	27	FOBS=	119.6	SIGMA=	1.7	PHAS=	147.0	FOM=	0.93	TEST=	0
INDE	9	52	29	FOBS=	136.7	SIGMA=	1.5	PHAS=	101.5	FOM=	0.94	TEST=	0
INDE	9	52	31	FOBS=	82.9	SIGMA=	2.4	PHAS=	149.1	FOM=	0.76	TEST=	0
INDE	9	52	33	FOBS=	38.9	SIGMA=	5.6	PHAS=	101.6	FOM=	0.61	TEST=	0
INDE	9	52	35	FOBS=	74.0	SIGMA=	2.7	PHAS=	-121.9	FOM=	0.87	TEST=	1
INDE	9	52	37	FOBS=	115.8	SIGMA=	1.8	PHAS=	102.8	FOM=	0.90	TEST=	0
INDE	9	52	39	FOBS=	35.8	SIGMA=	5.6	PHAS=	-8.7	FOM=	0.11	TEST=	0
INDE	9	52	41	FOBS=	95.0	SIGMA=	2.1	PHAS=	-85.1	FOM=	0.86	TEST=	0
INDE	9	52	43	FOBS=	115.9	SIGMA=	1.8	PHAS=	-139.7	FOM=	0.92	TEST=	0
INDE	9	52	45	FOBS=	102.9	SIGMA=	1.9	PHAS=	-87.9	FOM=	0.91	TEST=	0
INDE	9	52	47	FOBS=	47.9	SIGMA=	3.9	PHAS=	-144.1	FOM=	0.50	TEST=	0
INDE	9	52	49	FOBS=	32.7	SIGMA=	6.3	PHAS=	-86.3	FOM=	0.59	TEST=	0
INDE	9	52	51	FOBS=	28.8	SIGMA=	9.4	PHAS=	91.7	FOM=	0.47	TEST=	0
INDE	9	52	53	FOBS=	9.3	SIGMA=	30.1	PHAS=	-141.8	FOM=	0.07	TEST=	0
INDE	9	52	55	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	52	57	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	9	53	10	FOBS=	128.1	SIGMA=	2.2	PHAS=	-134.0	FOM=	0.88	TEST=	0
INDE	9	53	12	FOBS=	83.5	SIGMA=	1.8	PHAS=	35.0	FOM=	0.89	TEST=	0
INDE	9	53	14	FOBS=	49.0	SIGMA=	3.3	PHAS=	10.5	FOM=	0.85	TEST=	0
INDE	9	53	16	FOBS=	61.7	SIGMA=	4.2	PHAS=	2.5	FOM=	0.56	TEST=	0
INDE	9	53	18	FOBS=	61.0	SIGMA=	3.1	PHAS=	148.1	FOM=	0.91	TEST=	0
INDE	9	53	20	FOBS=	99.0	SIGMA=	2.0	PHAS=	-164.2	FOM=	0.88	TEST=	0
INDE	9	53	22	FOBS=	102.0	SIGMA=	2.0	PHAS=	-179.6	FOM=	0.74	TEST=	0
INDE	9	53	24	FOBS=	74.5	SIGMA=	2.7	PHAS=	-123.4	FOM=	0.70	TEST=	0
INDE	9	53	26	FOBS=	125.6	SIGMA=	1.7	PHAS=	46.0	FOM=	0.94	TEST=	0
INDE	9	53	28	FOBS=	61.9	SIGMA=	3.2	PHAS=	65.9	FOM=	0.88	TEST=	0
INDE	9	53	30	FOBS=	73.7	SIGMA=	2.7	PHAS=	22.8	FOM=	0.86	TEST=	0
INDE	9	53	32	FOBS=	95.3	SIGMA=	2.1	PHAS=	43.5	FOM=	0.92	TEST=	0
INDE	9	53	34	FOBS=	65.1	SIGMA=	3.1	PHAS=	111.6	FOM=	0.49	TEST=	0
INDE	9	53	36	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	53	38	FOBS=	131.1	SIGMA=	1.6	PHAS=	7.7	FOM=	0.91	TEST=	0
INDE	9	53	40	FOBS=	43.6	SIGMA=	4.3	PHAS=	100.1	FOM=	0.16	TEST=	0
INDE	9	53	42	FOBS=	154.6	SIGMA=	1.3	PHAS=	102.2	FOM=	0.96	TEST=	0
INDE	9	53	44	FOBS=	67.7	SIGMA=	2.8	PHAS=	-152.3	FOM=	0.88	TEST=	0
INDE	9	53	46	FOBS=	66.4	SIGMA=	2.8	PHAS=	-95.5	FOM=	0.50	TEST=	0
INDE	9	53	48	FOBS=	42.3	SIGMA=	4.9	PHAS=	-138.8	FOM=	0.39	TEST=	0
INDE	9	53	50	FOBS=	38.3	SIGMA=	5.4	PHAS=	45.4	FOM=	0.57	TEST=	0
INDE	9	53	52	FOBS=	51.8	SIGMA=	4.0	PHAS=	148.5	FOM=	0.63	TEST=	0
INDE	9	53	54	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	9	53	56	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	54	9	FOBS=	112.6	SIGMA=	2.4	PHAS=	131.7	FOM=	0.93	TEST=	0
INDE	9	54	11	FOBS=	68.2	SIGMA=	3.9	PHAS=	21.6	FOM=	0.77	TEST=	0
INDE	9	54	13	FOBS=	50.9	SIGMA=	2.9	PHAS=	111.0	FOM=	0.72	TEST=	0
INDE	9	54	15	FOBS=	109.1	SIGMA=	1.6	PHAS=	-50.0	FOM=	0.60	TEST=	0
INDE	9	54	17	FOBS=	16.2	SIGMA=	16.5	PHAS=	-48.9	FOM=	0.13	TEST=	0
INDE	9	54	19	FOBS=	67.6	SIGMA=	2.9	PHAS=	159.7	FOM=	0.78	TEST=	0
INDE	9	54	21	FOBS=	78.7	SIGMA=	2.5	PHAS=	-168.5	FOM=	0.85	TEST=	0
INDE	9	54	23	FOBS=	132.1	SIGMA=	1.6	PHAS=	94.7	FOM=	0.92	TEST=	0
INDE	9	54	25	FOBS=	66.5	SIGMA=	3.0	PHAS=	-156.8	FOM=	0.41	TEST=	0
INDE	9	54	27	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	54	29	FOBS=	53.1	SIGMA=	3.7	PHAS=	54.9	FOM=	0.46	TEST=	0
INDE	9	54	31	FOBS=	93.4	SIGMA=	2.2	PHAS=	-41.8	FOM=	0.94	TEST=	0
INDE	9	54	33	FOBS=	82.4	SIGMA=	2.4	PHAS=	40.6	FOM=	0.88	TEST=	0
INDE	9	54	35	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	54	37	FOBS=	89.8	SIGMA=	2.3	PHAS=	105.7	FOM=	0.81	TEST=	0
INDE	9	54	39	FOBS=	33.6	SIGMA=	7.2	PHAS=	-97.4	FOM=	0.58	TEST=	0
INDE	9	54	41	FOBS=	58.5	SIGMA=	3.1	PHAS=	-73.0	FOM=	0.80	TEST=	0
INDE	9	54	43	FOBS=	83.1	SIGMA=	2.3	PHAS=	81.1	FOM=	0.79	TEST=	0
INDE	9	54	45	FOBS=	58.0	SIGMA=	3.3	PHAS=	-145.9	FOM=	0.90	TEST=	0

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FOET 268

INDE	9	54	47	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	54	49	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	54	51	FOBS=	49.3	SIGMA=	4.8	PHAS=	58.9	FOM=	0.70	TEST=	0
INDE	9	54	53	FOBS=	67.9	SIGMA=	4.3	PHAS=	-110.7	FOM=	0.85	TEST=	0
INDE	9	54	55	FOBS=	36.8	SIGMA=	11.4	PHAS=	52.7	FOM=	0.67	TEST=	0
INDE	9	55	10	FOBS=	124.3	SIGMA=	2.2	PHAS=	-18.7	FOM=	0.89	TEST=	0
INDE	9	55	12	FOBS=	110.2	SIGMA=	2.4	PHAS=	152.8	FOM=	0.72	TEST=	0
INDE	9	55	14	FOBS=	75.2	SIGMA=	2.0	PHAS=	172.8	FOM=	0.45	TEST=	0
INDE	9	55	16	FOBS=	73.5	SIGMA=	2.3	PHAS=	-29.7	FOM=	0.84	TEST=	0
INDE	9	55	18	FOBS=	70.0	SIGMA=	2.8	PHAS=	-163.3	FOM=	0.81	TEST=	0
INDE	9	55	20	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	9	55	22	FOBS=	54.0	SIGMA=	3.8	PHAS=	4.6	FOM=	0.69	TEST=	0
INDE	9	55	24	FOBS=	94.4	SIGMA=	2.1	PHAS=	62.5	FOM=	0.86	TEST=	0
INDE	9	55	26	FOBS=	82.6	SIGMA=	2.4	PHAS=	18.9	FOM=	0.89	TEST=	0
INDE	9	55	28	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	55	30	FOBS=	63.9	SIGMA=	3.1	PHAS=	-140.5	FOM=	0.69	TEST=	0
INDE	9	55	32	FOBS=	91.3	SIGMA=	2.2	PHAS=	-67.3	FOM=	0.84	TEST=	0
INDE	9	55	34	FOBS=	49.6	SIGMA=	3.9	PHAS=	-32.0	FOM=	0.77	TEST=	0
INDE	9	55	36	FOBS=	97.7	SIGMA=	2.1	PHAS=	89.6	FOM=	0.91	TEST=	0
INDE	9	55	38	FOBS=	53.3	SIGMA=	3.3	PHAS=	-132.5	FOM=	0.91	TEST=	0
INDE	9	55	40	FOBS=	65.3	SIGMA=	3.1	PHAS=	104.4	FOM=	0.39	TEST=	0
INDE	9	55	42	FOBS=	48.7	SIGMA=	3.8	PHAS=	-28.9	FOM=	0.36	TEST=	1
INDE	9	55	44	FOBS=	33.0	SIGMA=	6.0	PHAS=	-134.5	FOM=	0.61	TEST=	0
INDE	9	55	46	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	55	48	FOBS=	66.7	SIGMA=	3.6	PHAS=	-96.7	FOM=	0.62	TEST=	0
INDE	9	55	50	FOBS=	55.0	SIGMA=	4.8	PHAS=	73.4	FOM=	0.92	TEST=	0
INDE	9	55	52	FOBS=	0.0	SIGMA=	29.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	55	54	FOBS=	45.1	SIGMA=	14.0	PHAS=	-73.5	FOM=	0.83	TEST=	0
INDE	9	56	9	FOBS=	44.3	SIGMA=	8.2	PHAS=	-134.7	FOM=	0.43	TEST=	0
INDE	9	56	11	FOBS=	140.5	SIGMA=	2.0	PHAS=	-68.8	FOM=	0.92	TEST=	0
INDE	9	56	13	FOBS=	38.9	SIGMA=	3.7	PHAS=	-32.4	FOM=	0.23	TEST=	0
INDE	9	56	15	FOBS=	25.9	SIGMA=	5.9	PHAS=	77.0	FOM=	0.44	TEST=	0
INDE	9	56	17	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	56	19	FOBS=	83.9	SIGMA=	2.3	PHAS=	-141.5	FOM=	0.78	TEST=	0
INDE	9	56	21	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	56	23	FOBS=	54.4	SIGMA=	3.5	PHAS=	-16.1	FOM=	0.56	TEST=	0
INDE	9	56	25	FOBS=	105.7	SIGMA=	1.9	PHAS=	-79.7	FOM=	0.91	TEST=	0
INDE	9	56	27	FOBS=	57.2	SIGMA=	3.4	PHAS=	160.0	FOM=	0.72	TEST=	0
INDE	9	56	29	FOBS=	27.0	SIGMA=	8.0	PHAS=	174.3	FOM=	0.19	TEST=	1
INDE	9	56	31	FOBS=	61.7	SIGMA=	3.2	PHAS=	-92.8	FOM=	0.87	TEST=	0
INDE	9	56	33	FOBS=	70.2	SIGMA=	2.8	PHAS=	-117.5	FOM=	0.78	TEST=	0
INDE	9	56	35	FOBS=	62.1	SIGMA=	3.4	PHAS=	87.2	FOM=	0.87	TEST=	0
INDE	9	56	37	FOBS=	85.9	SIGMA=	2.3	PHAS=	120.7	FOM=	0.81	TEST=	0
INDE	9	56	39	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	9	56	41	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	56	43	FOBS=	100.3	SIGMA=	2.1	PHAS=	138.0	FOM=	0.93	TEST=	0
INDE	9	56	45	FOBS=	98.6	SIGMA=	2.3	PHAS=	-167.3	FOM=	0.94	TEST=	0
INDE	9	56	47	FOBS=	36.6	SIGMA=	7.0	PHAS=	158.1	FOM=	0.53	TEST=	0
INDE	9	56	49	FOBS=	65.4	SIGMA=	4.8	PHAS=	69.1	FOM=	0.85	TEST=	0
INDE	9	56	51	FOBS=	31.4	SIGMA=	10.9	PHAS=	-62.1	FOM=	0.64	TEST=	0
INDE	9	56	53	FOBS=	69.2	SIGMA=	7.9	PHAS=	155.9	FOM=	0.63	TEST=	0
INDE	9	57	10	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	57	12	FOBS=	50.6	SIGMA=	5.1	PHAS=	-41.2	FOM=	0.35	TEST=	0
INDE	9	57	14	FOBS=	86.3	SIGMA=	1.8	PHAS=	-175.7	FOM=	0.94	TEST=	0
INDE	9	57	16	FOBS=	117.5	SIGMA=	1.4	PHAS=	-96.4	FOM=	0.92	TEST=	0
INDE	9	57	18	FOBS=	114.9	SIGMA=	1.4	PHAS=	-178.6	FOM=	0.79	TEST=	0
INDE	9	57	20	FOBS=	25.5	SIGMA=	7.4	PHAS=	150.8	FOM=	0.32	TEST=	0
INDE	9	57	22	FOBS=	43.2	SIGMA=	4.4	PHAS=	-22.4	FOM=	0.70	TEST=	0
INDE	9	57	24	FOBS=	48.3	SIGMA=	4.0	PHAS=	63.8	FOM=	0.11	TEST=	1
INDE	9	57	26	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	57	28	FOBS=	24.8	SIGMA=	7.8	PHAS=	-13.8	FOM=	0.38	TEST=	0
INDE	9	57	30	FOBS=	165.1	SIGMA=	1.3	PHAS=	-179.6	FOM=	0.83	TEST=	1
INDE	9	57	32	FOBS=	131.2	SIGMA=	1.6	PHAS=	-131.1	FOM=	0.93	TEST=	0
INDE	9	57	34	FOBS=	1.9	SIGMA=	104.3	PHAS=	-44.0	FOM=	0.01	TEST=	0
INDE	9	57	36	FOBS=	48.1	SIGMA=	4.5	PHAS=	171.7	FOM=	0.63	TEST=	0
INDE	9	57	38	FOBS=	34.4	SIGMA=	6.3	PHAS=	81.7	FOM=	0.03	TEST=	1
INDE	9	57	40	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	57	42	FOBS=	76.8	SIGMA=	3.0	PHAS=	-33.4	FOM=	0.84	TEST=	0
INDE	9	57	44	FOBS=	79.3	SIGMA=	2.8	PHAS=	48.1	FOM=	0.94	TEST=	0
INDE	9	57	46	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	9	57	48	FOBS=	118.9	SIGMA=	2.3	PHAS=	-25.6	FOM=	0.94	TEST=	0
INDE	9	57	50	FOBS=	77.2	SIGMA=	4.6	PHAS=	-176.4	FOM=	0.82	TEST=	0
INDE	9	57	52	FOBS=	46.5	SIGMA=	11.5	PHAS=	102.3	FOM=	0.36	TEST=	0
INDE	9	58	9	FOBS=	148.6	SIGMA=	1.8	PHAS=	-33.1	FOM=	0.94	TEST=	0
INDE	9	58	11	FOBS=	15.2	SIGMA=	19.5	PHAS=	-57.9	FOM=	0.22	TEST=	0
INDE	9	58	13	FOBS=	131.9	SIGMA=	2.1	PHAS=	100.7	FOM=	0.80	TEST=	0
INDE	9	58	15	FOBS=	132.2	SIGMA=	1.4	PHAS=	129.8	FOM=	0.91	TEST=	0
INDE	9	58	17	FOBS=	73.4	SIGMA=	2.7	PHAS=	172.8	FOM=	0.91	TEST=	0
INDE	9	58	19	FOBS=	64.5	SIGMA=	2.6	PHAS=	46.2	FOM=	0.78	TEST=	0
INDE	9	58	21	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	58	23	FOBS=	68.4	SIGMA=	2.8	PHAS=	-82.6	FOM=	0.80	TEST=	0
INDE	9	58	25	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	58	27	FOBS=	56.4	SIGMA=	3.4	PHAS=	133.4	FOM=	0.79	TEST=	0
INDE	9	58	29	FOBS=	82.9	SIGMA=	2.4	PHAS=	54.2	FOM=	0.24	TEST=	0
INDE	9	58	31	FOBS=	162.2	SIGMA=	1.4	PHAS=	129.9	FOM=	0.96	TEST=	0
INDE	9	58	33	FOBS=	43.0	SIGMA=	5.0	PHAS=	145.7	FOM=	0.74	TEST=	0
INDE	9	58	35	FOBS=	107.0	SIGMA=	2.3	PHAS=	142.2	FOM=	0.90	TEST=	0
INDE	9	58	37	FOBS=	21.9	SIGMA=	10.9	PHAS=	73.2	FOM=	0.17	TEST=	0
INDE	9	58	39	FOBS=	34.6	SIGMA=	7.3	PHAS=	99.3	FOM=	0.46	TEST=	0
INDE	9	58	41	FOBS=	42.5	SIGMA=	5.2	PHAS=	-153.1	FOM=	0.19	TEST=	0
INDE	9	58	43	FOBS=	29.5	SIGMA=	7.2	PHAS=	-90.6	FOM=	0.36	TEST=	0
INDE	9	58	45	FOBS=	46.0	SIGMA=	4.8	PHAS=	-65.7	FOM=	0.47	TEST=	0
INDE	9	58	47	FOBS=	106.5	SIGMA=	2.6	PHAS=	-172.4	FOM=	0.94	TEST=	0
INDE	9	58	49	FOBS=	76.0	SIGMA=	4.5	PHAS=	167.5	FOM=	0.90	TEST=	0
INDE	9	59	10	FOBS=	139.3	SIGMA=	1.9	PHAS=	-166.5	FOM=	0.94	TEST=	0
INDE	9	59	12	FOBS=	177.6	SIGMA=	1.6	PHAS=	21.7	FOM=	0.92	TEST=	0
INDE	9	59	14	FOBS=	97.8	SIGMA=	2.7	PHAS=	101.0	FOM=	0.92	TEST=	0
INDE	9	59	16	FOBS=	40.9	SIGMA=	4.5	PHAS=	31.0	FOM=	0.83	TEST=	0
INDE	9	59	18	FOBS=	21.1	SIGMA=	9.4	PHAS=	-5.8	FOM=	0.04	TEST=	0
INDE	9	59	20	FOBS=	63.4	SIGMA=	2.6	PHAS=	-43.5	FOM=	0.54	TEST=	0
INDE	9	59	22	FOBS=	70.9	SIGMA=	2.7	PHAS=	-161.5	FOM=	0.89	TEST=	0
INDE	9	59	24	FOBS=	64.4	SIGMA=	3.0	PHAS=	110.0	FOM=	0.68	TEST=	0
INDE	9	59	26	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	59	28	FOBS=	98.6	SIGMA=	2.2	PHAS=	-0.6	FOM=	0.85	TEST=	0
INDE	9	59	30	FOBS=	14.1	SIGMA=	18.9	PHAS=	64.7	FOM=	0.07	TEST=	0
INDE	9	59	32	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	59	34	FOBS=	45.0	SIGMA=	5.3	PHAS=	87.2	FOM=	0.73	TEST=	0
INDE	9	59	36	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	9	59	38	FOBS=	16.0	SIGMA=	15.2	PHAS=	-84.1	FOM=	0.18	TEST=	0
INDE	9	59	40	FOBS=	26.8	SIGMA=	7.7	PHAS=	-5.6	FOM=	0.04	TEST=	0
INDE	9	59	42	FOBS=	7.6	SIGMA=	30.8	PHAS=	-26.3	FOM=	0.16	TEST=	0
INDE	9	59	44	FOBS=	39.8	SIGMA=	5.5	PHAS=	36.7	FOM=	0.73	TEST=	0
INDE	9	59	46	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	59	48	FOBS=	51.1	SIGMA=	6.6	PHAS=	80.8	FOM=	0.85	TEST=	0
INDE	9	60	9	FOBS=	28.1	SIGMA=	9.0	PHAS=	56.0	FOM=	0.15	TEST=	0
INDE	9	60	11	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	60	13	FOBS=	139.8	SIGMA=	1.9	PHAS=	19.2	FOM=	0.89	TEST=	0
INDE	9	60	15	FOBS=	20.5	SIGMA=	8.4	PHAS=	67.1	FOM=	0.25	TEST=	1
INDE	9	60	17	FOBS=	62.6	SIGMA=	3.1	PHAS=	-157.6	FOM=	0.56	TEST=	0
INDE	9	60	19	FOBS=	11.8	SIGMA=	17.0	PHAS=	-138.7	FOM=	0.11	TEST=	0
INDE	9	60	21	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	60	23	FOBS=	35.6	SIGMA=	6.3	PHAS=	5.6	FOM=	0.87	TEST=	0
INDE	9	60	25	FOBS=	48.3	SIGMA=	4.8	PHAS=	122.1	FOM=	0.44	TEST=	0
INDE	9	60	27	FOBS=	22.6	SIGMA=	12.0	PHAS=	109.9	FOM=	0.06	TEST=	0
INDE	9	60	29	FOBS=	63.0	SIGMA=	3.7	PHAS=	-122.9	FOM=	0.72	TEST=	0
INDE	9	60	31	FOBS=	27.2	SIGMA=	8.6	PHAS=	65.1	FOM=	0.14	TEST=	0
INDE	9	60	33	FOBS=	24.5	SIGMA=	10.8	PHAS=	88.0	FOM=	0.38	TEST=	0
INDE	9	60	35	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	60	37	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	60	39	FOBS=	82.2	SIGMA=	3.0	PHAS=	90.8	FOM=	0.90	TEST=	0
INDE	9	60	41	FOBS=	95.5	SIGMA=	2.3	PHAS=	-67.5	FOM=	0.12	TEST=	1
INDE	9	60	43	FOBS=	40.5	SIGMA=	6.6	PHAS=	-66.0	FOM=	0.36	TEST=	0
INDE	9	60	45	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	60	47	FOBS=	0.0	SIGMA=	28.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	61	10	FOBS=	0.0	SIGMA=	26.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	61	12	FOBS=	47.0	SIGMA=	6.1	PHAS=	-15.5	FOM=	0.55	TEST=	0
INDE	9	61	14	FOBS=	54.3	SIGMA=	4.6	PHAS=	101.4	FOM=	0.72	TEST=	0
INDE	9	61	16	FOBS=	56.6	SIGMA=	3.3	PHAS=	-51.8	FOM=	0.80	TEST=	0
INDE	9	61	18	FOBS=	26.5	SIGMA=	7.0	PHAS=	40.0	FOM=	0.13	TEST=	0
INDE	9	61	20	FOBS=	26.8	SIGMA=	8.5	PHAS=	140.5	FOM=	0.64	TEST=	0

INDE	9	61	22	FOBS=	158.5	SIGMA=	1.5	PHAS=	-101.1	FOM=	0.96	TEST=	0
INDE	9	61	24	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	61	26	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	61	28	FOBS=	103.7	SIGMA=	2.3	PHAS=	0.5	FOM=	0.91	TEST=	0
INDE	9	61	30	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	61	32	FOBS=	82.9	SIGMA=	3.4	PHAS=	151.2	FOM=	0.69	TEST=	0
INDE	9	61	34	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	61	36	FOBS=	36.3	SIGMA=	7.8	PHAS=	-40.6	FOM=	0.76	TEST=	0
INDE	9	61	38	FOBS=	38.0	SIGMA=	7.4	PHAS=	-14.5	FOM=	0.63	TEST=	0
INDE	9	61	40	FOBS=	87.5	SIGMA=	3.3	PHAS=	-56.0	FOM=	0.88	TEST=	0
INDE	9	61	42	FOBS=	53.7	SIGMA=	4.4	PHAS=	-134.3	FOM=	0.43	TEST=	0
INDE	9	61	44	FOBS=	35.3	SIGMA=	6.8	PHAS=	-47.8	FOM=	0.32	TEST=	0
INDE	9	61	46	FOBS=	16.5	SIGMA=	23.6	PHAS=	-71.7	FOM=	0.10	TEST=	0
INDE	9	62	9	FOBS=	60.5	SIGMA=	4.2	PHAS=	131.4	FOM=	0.50	TEST=	0
INDE	9	62	11	FOBS=	40.6	SIGMA=	6.2	PHAS=	33.1	FOM=	0.46	TEST=	0
INDE	9	62	13	FOBS=	50.1	SIGMA=	4.8	PHAS=	-70.4	FOM=	0.53	TEST=	0
INDE	9	62	15	FOBS=	30.8	SIGMA=	9.2	PHAS=	-58.2	FOM=	0.25	TEST=	0
INDE	9	62	17	FOBS=	93.9	SIGMA=	2.4	PHAS=	-62.6	FOM=	0.91	TEST=	0
INDE	9	62	19	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	62	21	FOBS=	132.8	SIGMA=	1.7	PHAS=	159.8	FOM=	0.91	TEST=	0
INDE	9	62	23	FOBS=	97.1	SIGMA=	2.8	PHAS=	-141.7	FOM=	0.92	TEST=	0
INDE	9	62	25	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	62	27	FOBS=	76.6	SIGMA=	3.7	PHAS=	-40.0	FOM=	0.91	TEST=	0
INDE	9	62	29	FOBS=	144.1	SIGMA=	2.0	PHAS=	-121.2	FOM=	0.96	TEST=	0
INDE	9	62	31	FOBS=	42.8	SIGMA=	6.3	PHAS=	19.9	FOM=	0.62	TEST=	0
INDE	9	62	33	FOBS=	74.1	SIGMA=	3.8	PHAS=	160.7	FOM=	0.15	TEST=	1
INDE	9	62	35	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	62	37	FOBS=	27.2	SIGMA=	10.3	PHAS=	55.5	FOM=	0.53	TEST=	0
INDE	9	62	39	FOBS=	53.2	SIGMA=	5.4	PHAS=	168.9	FOM=	0.71	TEST=	0
INDE	9	62	41	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	62	43	FOBS=	34.9	SIGMA=	10.5	PHAS=	33.8	FOM=	0.13	TEST=	0
INDE	9	62	45	FOBS=	122.9	SIGMA=	2.8	PHAS=	-164.8	FOM=	0.95	TEST=	0
INDE	9	63	10	FOBS=	42.0	SIGMA=	6.9	PHAS=	-154.9	FOM=	0.67	TEST=	0
INDE	9	63	12	FOBS=	52.8	SIGMA=	6.7	PHAS=	140.4	FOM=	0.80	TEST=	0
INDE	9	63	14	FOBS=	106.4	SIGMA=	3.4	PHAS=	133.0	FOM=	0.92	TEST=	0
INDE	9	63	16	FOBS=	81.9	SIGMA=	2.4	PHAS=	-91.1	FOM=	0.92	TEST=	0
INDE	9	63	18	FOBS=	62.2	SIGMA=	3.5	PHAS=	-92.2	FOM=	0.56	TEST=	1
INDE	9	63	20	FOBS=	47.5	SIGMA=	5.1	PHAS=	165.3	FOM=	0.78	TEST=	0
INDE	9	63	22	FOBS=	76.3	SIGMA=	3.2	PHAS=	-81.1	FOM=	0.89	TEST=	0
INDE	9	63	24	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	9	63	26	FOBS=	31.3	SIGMA=	8.6	PHAS=	-110.4	FOM=	0.82	TEST=	0
INDE	9	63	28	FOBS=	99.2	SIGMA=	2.9	PHAS=	-112.4	FOM=	0.68	TEST=	0
INDE	9	63	30	FOBS=	103.1	SIGMA=	2.7	PHAS=	143.6	FOM=	0.41	TEST=	1
INDE	9	63	32	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	9	63	34	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	63	36	FOBS=	38.4	SIGMA=	7.4	PHAS=	51.6	FOM=	0.07	TEST=	1
INDE	9	63	38	FOBS=	66.5	SIGMA=	4.3	PHAS=	-30.8	FOM=	0.88	TEST=	0
INDE	9	63	40	FOBS=	66.7	SIGMA=	4.4	PHAS=	-67.7	FOM=	0.65	TEST=	0
INDE	9	63	42	FOBS=	11.6	SIGMA=	25.1	PHAS=	-32.1	FOM=	0.15	TEST=	0
INDE	9	63	44	FOBS=	81.1	SIGMA=	4.8	PHAS=	80.3	FOM=	0.92	TEST=	0
INDE	9	64	9	FOBS=	90.9	SIGMA=	4.0	PHAS=	96.1	FOM=	0.91	TEST=	0
INDE	9	64	11	FOBS=	122.4	SIGMA=	3.0	PHAS=	26.1	FOM=	0.95	TEST=	0
INDE	9	64	13	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	64	15	FOBS=	57.6	SIGMA=	6.1	PHAS=	72.4	FOM=	0.57	TEST=	0
INDE	9	64	17	FOBS=	57.0	SIGMA=	3.6	PHAS=	-109.0	FOM=	0.89	TEST=	0
INDE	9	64	19	FOBS=	41.5	SIGMA=	5.4	PHAS=	175.9	FOM=	0.59	TEST=	0
INDE	9	64	21	FOBS=	137.1	SIGMA=	1.9	PHAS=	114.9	FOM=	0.95	TEST=	0
INDE	9	64	23	FOBS=	72.6	SIGMA=	3.0	PHAS=	-155.6	FOM=	0.91	TEST=	0
INDE	9	64	25	FOBS=	85.6	SIGMA=	3.2	PHAS=	-142.7	FOM=	0.61	TEST=	0
INDE	9	64	27	FOBS=	48.5	SIGMA=	5.6	PHAS=	-91.4	FOM=	0.72	TEST=	0
INDE	9	64	29	FOBS=	73.9	SIGMA=	3.8	PHAS=	96.9	FOM=	0.83	TEST=	0
INDE	9	64	31	FOBS=	10.2	SIGMA=	26.7	PHAS=	141.6	FOM=	0.09	TEST=	0
INDE	9	64	33	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	64	35	FOBS=	34.5	SIGMA=	10.3	PHAS=	-157.8	FOM=	0.02	TEST=	1
INDE	9	64	37	FOBS=	0.0	SIGMA=	26.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	9	64	39	FOBS=	82.1	SIGMA=	3.6	PHAS=	-159.0	FOM=	0.92	TEST=	0
INDE	9	64	41	FOBS=	19.1	SIGMA=	15.4	PHAS=	56.1	FOM=	0.01	TEST=	0
INDE	9	64	43	FOBS=	27.9	SIGMA=	10.9	PHAS=	-49.8	FOM=	0.28	TEST=	0
INDE	9	65	10	FOBS=	108.3	SIGMA=	3.4	PHAS=	-51.5	FOM=	0.91	TEST=	0
INDE	9	65	12	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0

INDE	9	65	14	FOBS=	35.6	SIGMA=	9.8	PHAS=	156.7	FOM=	0.55	TEST=	0
INDE	9	65	16	FOBS=	62.7	SIGMA=	5.5	PHAS=	-124.1	FOM=	0.77	TEST=	0
INDE	9	65	18	FOBS=	22.7	SIGMA=	9.2	PHAS=	146.3	FOM=	0.28	TEST=	0
INDE	9	65	20	FOBS=	75.0	SIGMA=	3.1	PHAS=	106.3	FOM=	0.67	TEST=	0
INDE	9	65	22	FOBS=	22.1	SIGMA=	15.3	PHAS=	11.8	FOM=	0.02	TEST=	1
INDE	9	65	24	FOBS=	44.5	SIGMA=	4.9	PHAS=	138.4	FOM=	0.57	TEST=	0
INDE	9	65	26	FOBS=	68.6	SIGMA=	4.0	PHAS=	-173.2	FOM=	0.11	TEST=	1
INDE	9	65	28	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	65	30	FOBS=	48.1	SIGMA=	5.9	PHAS=	61.4	FOM=	0.80	TEST=	0
INDE	9	65	32	FOBS=	46.0	SIGMA=	6.1	PHAS=	-123.5	FOM=	0.01	TEST=	1
INDE	9	65	34	FOBS=	68.6	SIGMA=	4.1	PHAS=	52.7	FOM=	0.61	TEST=	0
INDE	9	65	36	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	65	38	FOBS=	59.9	SIGMA=	5.0	PHAS=	117.8	FOM=	0.47	TEST=	0
INDE	9	65	40	FOBS=	35.2	SIGMA=	8.5	PHAS=	103.7	FOM=	0.03	TEST=	1
INDE	9	66	9	FOBS=	23.1	SIGMA=	15.5	PHAS=	51.6	FOM=	0.28	TEST=	0
INDE	9	66	11	FOBS=	8.4	SIGMA=	41.1	PHAS=	-101.3	FOM=	0.19	TEST=	0
INDE	9	66	13	FOBS=	51.3	SIGMA=	6.8	PHAS=	128.4	FOM=	0.73	TEST=	0
INDE	9	66	15	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	66	17	FOBS=	49.4	SIGMA=	6.9	PHAS=	-120.6	FOM=	0.60	TEST=	0
INDE	9	66	19	FOBS=	58.8	SIGMA=	3.8	PHAS=	-25.0	FOM=	0.37	TEST=	0
INDE	9	66	21	FOBS=	55.4	SIGMA=	4.2	PHAS=	95.4	FOM=	0.40	TEST=	0
INDE	9	66	23	FOBS=	63.2	SIGMA=	3.3	PHAS=	53.8	FOM=	0.75	TEST=	0
INDE	9	66	25	FOBS=	51.2	SIGMA=	4.4	PHAS=	-164.8	FOM=	0.82	TEST=	0
INDE	9	66	27	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	9	66	29	FOBS=	28.0	SIGMA=	9.9	PHAS=	97.7	FOM=	0.31	TEST=	0
INDE	9	66	31	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	66	33	FOBS=	48.3	SIGMA=	5.9	PHAS=	-73.9	FOM=	0.29	TEST=	1
INDE	9	66	35	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	66	37	FOBS=	49.4	SIGMA=	5.9	PHAS=	83.1	FOM=	0.84	TEST=	0
INDE	9	66	39	FOBS=	47.3	SIGMA=	6.4	PHAS=	83.6	FOM=	0.72	TEST=	0
INDE	9	67	10	FOBS=	39.9	SIGMA=	12.1	PHAS=	-7.6	FOM=	0.10	TEST=	1
INDE	9	67	12	FOBS=	59.0	SIGMA=	6.0	PHAS=	61.7	FOM=	0.57	TEST=	0
INDE	9	67	14	FOBS=	79.3	SIGMA=	4.5	PHAS=	134.0	FOM=	0.84	TEST=	0
INDE	9	67	16	FOBS=	54.6	SIGMA=	6.4	PHAS=	-38.4	FOM=	0.31	TEST=	1
INDE	9	67	18	FOBS=	33.7	SIGMA=	10.2	PHAS=	168.5	FOM=	0.76	TEST=	0
INDE	9	67	20	FOBS=	40.7	SIGMA=	5.6	PHAS=	-107.9	FOM=	0.54	TEST=	0
INDE	9	67	22	FOBS=	100.6	SIGMA=	2.4	PHAS=	-87.6	FOM=	0.04	TEST=	1
INDE	9	67	24	FOBS=	0.0	SIGMA=	22.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	67	26	FOBS=	77.2	SIGMA=	3.0	PHAS=	78.3	FOM=	0.84	TEST=	0
INDE	9	67	28	FOBS=	14.8	SIGMA=	18.8	PHAS=	151.7	FOM=	0.28	TEST=	0
INDE	9	67	30	FOBS=	94.7	SIGMA=	3.1	PHAS=	36.6	FOM=	0.90	TEST=	0
INDE	9	67	32	FOBS=	36.7	SIGMA=	7.8	PHAS=	171.5	FOM=	0.29	TEST=	1
INDE	9	67	34	FOBS=	26.1	SIGMA=	10.9	PHAS=	129.0	FOM=	0.10	TEST=	0
INDE	9	67	36	FOBS=	35.7	SIGMA=	8.1	PHAS=	-53.9	FOM=	0.22	TEST=	0
INDE	9	67	38	FOBS=	63.7	SIGMA=	4.8	PHAS=	-39.8	FOM=	0.84	TEST=	0
INDE	9	68	13	FOBS=	67.6	SIGMA=	7.3	PHAS=	179.9	FOM=	0.72	TEST=	0
INDE	9	68	15	FOBS=	34.9	SIGMA=	14.1	PHAS=	-142.0	FOM=	0.54	TEST=	0
INDE	9	68	17	FOBS=	44.6	SIGMA=	7.8	PHAS=	-149.1	FOM=	0.59	TEST=	0
INDE	9	68	19	FOBS=	41.4	SIGMA=	5.0	PHAS=	54.9	FOM=	0.44	TEST=	0
INDE	9	68	21	FOBS=	103.3	SIGMA=	2.4	PHAS=	67.1	FOM=	0.13	TEST=	1
INDE	9	68	23	FOBS=	33.1	SIGMA=	7.4	PHAS=	17.4	FOM=	0.16	TEST=	0
INDE	9	68	25	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	68	27	FOBS=	31.1	SIGMA=	8.5	PHAS=	67.0	FOM=	0.76	TEST=	0
INDE	9	68	29	FOBS=	42.4	SIGMA=	6.7	PHAS=	-71.5	FOM=	0.82	TEST=	0
INDE	9	68	31	FOBS=	0.0	SIGMA=	26.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	68	33	FOBS=	26.7	SIGMA=	10.8	PHAS=	-150.8	FOM=	0.15	TEST=	0
INDE	9	68	35	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	69	18	FOBS=	25.7	SIGMA=	19.4	PHAS=	-132.3	FOM=	0.09	TEST=	0
INDE	9	69	20	FOBS=	26.0	SIGMA=	9.4	PHAS=	-131.7	FOM=	0.34	TEST=	0
INDE	9	69	22	FOBS=	23.8	SIGMA=	11.4	PHAS=	48.0	FOM=	0.21	TEST=	0
INDE	9	69	24	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	69	26	FOBS=	93.0	SIGMA=	3.0	PHAS=	-26.1	FOM=	0.90	TEST=	0
INDE	9	69	28	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	69	30	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	69	32	FOBS=	46.1	SIGMA=	6.5	PHAS=	-19.1	FOM=	0.78	TEST=	0
INDE	9	69	34	FOBS=	28.8	SIGMA=	10.3	PHAS=	-141.0	FOM=	0.45	TEST=	0
INDE	9	70	21	FOBS=	87.3	SIGMA=	3.4	PHAS=	-69.0	FOM=	0.72	TEST=	0
INDE	9	70	23	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	70	25	FOBS=	50.5	SIGMA=	4.8	PHAS=	-58.9	FOM=	0.80	TEST=	0
INDE	9	70	27	FOBS=	20.4	SIGMA=	13.6	PHAS=	80.2	FOM=	0.27	TEST=	0

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INDE	9	70	29	FOBS=	40.4	SIGMA=	8.6	PHAS=	43.2	FOM=	0.57	TEST=	0
INDE	9	70	31	FOBS=	11.7	SIGMA=	30.6	PHAS=	-94.2	FOM=	0.33	TEST=	0
INDE	9	71	22	FOBS=	0.0	SIGMA=	25.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	9	71	24	FOBS=	72.4	SIGMA=	4.8	PHAS=	-75.4	FOM=	0.90	TEST=	0
INDE	9	71	26	FOBS=	51.2	SIGMA=	5.7	PHAS=	-76.5	FOM=	0.60	TEST=	0
INDE	9	71	28	FOBS=	14.1	SIGMA=	24.1	PHAS=	-133.5	FOM=	0.14	TEST=	0
INDE	9	71	30	FOBS=	48.7	SIGMA=	5.8	PHAS=	80.6	FOM=	0.39	TEST=	0
INDE	9	72	21	FOBS=	10.0	SIGMA=	27.4	PHAS=	-64.6	FOM=	0.10	TEST=	0
INDE	9	72	23	FOBS=	41.4	SIGMA=	8.3	PHAS=	-123.1	FOM=	0.81	TEST=	0
INDE	9	72	25	FOBS=	13.6	SIGMA=	26.7	PHAS=	-174.3	FOM=	0.41	TEST=	0
INDE	9	72	27	FOBS=	34.4	SIGMA=	8.9	PHAS=	80.0	FOM=	0.18	TEST=	0
INDE	9	73	22	FOBS=	49.5	SIGMA=	6.0	PHAS=	-49.6	FOM=	0.08	TEST=	1
INDE	9	73	24	FOBS=	0.0	SIGMA=	26.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	11	11	FOBS=	158.4	SIGMA=	0.4	PHAS=	-5.4	FOM=	0.73	TEST=	0
INDE	10	11	13	FOBS=	164.6	SIGMA=	0.4	PHAS=	119.4	FOM=	0.80	TEST=	1
INDE	10	11	15	FOBS=	410.0	SIGMA=	0.5	PHAS=	75.3	FOM=	0.96	TEST=	0
INDE	10	11	17	FOBS=	292.6	SIGMA=	0.5	PHAS=	37.8	FOM=	0.89	TEST=	0
INDE	10	11	19	FOBS=	158.1	SIGMA=	0.5	PHAS=	100.2	FOM=	0.91	TEST=	0
INDE	10	11	21	FOBS=	96.4	SIGMA=	0.7	PHAS=	33.2	FOM=	0.94	TEST=	0
INDE	10	11	23	FOBS=	110.5	SIGMA=	0.6	PHAS=	-30.8	FOM=	0.99	TEST=	0
INDE	10	11	25	FOBS=	66.6	SIGMA=	1.0	PHAS=	-148.4	FOM=	0.95	TEST=	0
INDE	10	11	27	FOBS=	96.5	SIGMA=	0.8	PHAS=	64.9	FOM=	0.91	TEST=	0
INDE	10	11	29	FOBS=	197.3	SIGMA=	0.5	PHAS=	53.8	FOM=	0.96	TEST=	0
INDE	10	11	31	FOBS=	96.5	SIGMA=	0.9	PHAS=	77.3	FOM=	0.99	TEST=	0
INDE	10	11	33	FOBS=	159.1	SIGMA=	0.7	PHAS=	-93.3	FOM=	0.99	TEST=	0
INDE	10	11	35	FOBS=	287.4	SIGMA=	0.7	PHAS=	-153.3	FOM=	0.96	TEST=	0
INDE	10	11	37	FOBS=	271.1	SIGMA=	0.7	PHAS=	23.0	FOM=	0.95	TEST=	0
INDE	10	11	39	FOBS=	275.2	SIGMA=	0.7	PHAS=	-148.1	FOM=	0.93	TEST=	0
INDE	10	11	41	FOBS=	290.9	SIGMA=	0.8	PHAS=	-103.5	FOM=	0.97	TEST=	0
INDE	10	11	43	FOBS=	384.8	SIGMA=	0.8	PHAS=	-43.7	FOM=	0.97	TEST=	0
INDE	10	11	45	FOBS=	268.1	SIGMA=	1.2	PHAS=	85.0	FOM=	0.34	TEST=	1
INDE	10	11	47	FOBS=	137.3	SIGMA=	1.6	PHAS=	179.3	FOM=	0.90	TEST=	0
INDE	10	11	49	FOBS=	168.5	SIGMA=	1.3	PHAS=	116.1	FOM=	0.95	TEST=	0
INDE	10	11	51	FOBS=	65.2	SIGMA=	3.1	PHAS=	36.6	FOM=	0.73	TEST=	0
INDE	10	11	53	FOBS=	197.5	SIGMA=	1.7	PHAS=	-34.8	FOM=	0.90	TEST=	0
INDE	10	11	55	FOBS=	208.6	SIGMA=	1.4	PHAS=	-60.5	FOM=	0.96	TEST=	0
INDE	10	11	57	FOBS=	66.3	SIGMA=	2.1	PHAS=	104.7	FOM=	0.77	TEST=	0
INDE	10	11	59	FOBS=	50.0	SIGMA=	5.2	PHAS=	-64.7	FOM=	0.20	TEST=	0
INDE	10	11	61	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	11	63	FOBS=	78.5	SIGMA=	4.6	PHAS=	-13.1	FOM=	0.78	TEST=	0
INDE	10	11	65	FOBS=	97.6	SIGMA=	3.7	PHAS=	-63.2	FOM=	0.88	TEST=	0
INDE	10	11	67	FOBS=	30.4	SIGMA=	16.5	PHAS=	162.0	FOM=	0.23	TEST=	0
INDE	10	12	10	FOBS=	127.8	SIGMA=	0.4	PHAS=	53.4	FOM=	0.89	TEST=	0
INDE	10	12	12	FOBS=	142.3	SIGMA=	0.6	PHAS=	8.3	FOM=	0.97	TEST=	0
INDE	10	12	14	FOBS=	250.2	SIGMA=	0.5	PHAS=	-81.3	FOM=	0.85	TEST=	0
INDE	10	12	16	FOBS=	254.1	SIGMA=	0.5	PHAS=	-20.6	FOM=	0.96	TEST=	0
INDE	10	12	18	FOBS=	188.3	SIGMA=	0.4	PHAS=	-5.6	FOM=	0.87	TEST=	0
INDE	10	12	20	FOBS=	106.5	SIGMA=	0.6	PHAS=	-11.6	FOM=	0.94	TEST=	0
INDE	10	12	22	FOBS=	174.6	SIGMA=	0.5	PHAS=	-73.6	FOM=	0.99	TEST=	0
INDE	10	12	24	FOBS=	93.4	SIGMA=	0.7	PHAS=	129.3	FOM=	0.99	TEST=	0
INDE	10	12	26	FOBS=	53.5	SIGMA=	1.3	PHAS=	79.4	FOM=	0.99	TEST=	1
INDE	10	12	28	FOBS=	170.9	SIGMA=	0.5	PHAS=	-32.3	FOM=	0.99	TEST=	0
INDE	10	12	30	FOBS=	88.7	SIGMA=	0.9	PHAS=	-149.7	FOM=	0.93	TEST=	0
INDE	10	12	32	FOBS=	243.7	SIGMA=	0.5	PHAS=	151.0	FOM=	0.97	TEST=	0
INDE	10	12	34	FOBS=	157.9	SIGMA=	0.9	PHAS=	111.0	FOM=	0.98	TEST=	0
INDE	10	12	36	FOBS=	191.3	SIGMA=	0.9	PHAS=	113.5	FOM=	0.90	TEST=	0
INDE	10	12	38	FOBS=	243.5	SIGMA=	0.8	PHAS=	102.3	FOM=	0.98	TEST=	1
INDE	10	12	40	FOBS=	194.8	SIGMA=	1.1	PHAS=	-14.1	FOM=	0.93	TEST=	0
INDE	10	12	42	FOBS=	262.3	SIGMA=	1.1	PHAS=	-175.0	FOM=	0.96	TEST=	0
INDE	10	12	44	FOBS=	85.4	SIGMA=	2.4	PHAS=	7.2	FOM=	0.26	TEST=	0
INDE	10	12	46	FOBS=	154.9	SIGMA=	1.7	PHAS=	121.5	FOM=	0.91	TEST=	0
INDE	10	12	48	FOBS=	95.0	SIGMA=	1.9	PHAS=	15.7	FOM=	0.83	TEST=	0
INDE	10	12	50	FOBS=	101.0	SIGMA=	1.5	PHAS=	-76.6	FOM=	0.80	TEST=	0
INDE	10	12	52	FOBS=	72.5	SIGMA=	2.0	PHAS=	-94.6	FOM=	0.81	TEST=	0
INDE	10	12	54	FOBS=	54.5	SIGMA=	2.5	PHAS=	179.2	FOM=	0.91	TEST=	1
INDE	10	12	56	FOBS=	143.1	SIGMA=	1.3	PHAS=	-87.6	FOM=	0.95	TEST=	0
INDE	10	12	58	FOBS=	64.7	SIGMA=	4.1	PHAS=	96.9	FOM=	0.90	TEST=	0
INDE	10	12	60	FOBS=	118.2	SIGMA=	2.3	PHAS=	-79.8	FOM=	0.89	TEST=	0
INDE	10	12	62	FOBS=	99.4	SIGMA=	2.5	PHAS=	-56.8	FOM=	0.81	TEST=	0
INDE	10	12	64	FOBS=	42.5	SIGMA=	8.2	PHAS=	-173.5	FOM=	0.68	TEST=	0

INDE	10	12	66	FOBS=	6.9	SIGMA=	49.1	PHAS=	-106.5	FOM=	0.05	TEST=	0
INDE	10	13	11	FOBS=	271.9	SIGMA=	0.5	PHAS=	20.6	FOM=	0.91	TEST=	0
INDE	10	13	13	FOBS=	117.8	SIGMA=	0.6	PHAS=	-171.9	FOM=	0.89	TEST=	0
INDE	10	13	15	FOBS=	188.8	SIGMA=	0.4	PHAS=	-126.9	FOM=	0.92	TEST=	0
INDE	10	13	17	FOBS=	117.4	SIGMA=	0.5	PHAS=	-43.2	FOM=	0.96	TEST=	0
INDE	10	13	19	FOBS=	96.1	SIGMA=	0.6	PHAS=	176.4	FOM=	0.85	TEST=	0
INDE	10	13	21	FOBS=	143.4	SIGMA=	0.5	PHAS=	163.5	FOM=	0.99	TEST=	0
INDE	10	13	23	FOBS=	165.8	SIGMA=	0.5	PHAS=	-10.7	FOM=	0.97	TEST=	1
INDE	10	13	25	FOBS=	87.6	SIGMA=	0.8	PHAS=	141.1	FOM=	0.99	TEST=	0
INDE	10	13	27	FOBS=	128.3	SIGMA=	0.6	PHAS=	170.9	FOM=	0.79	TEST=	0
INDE	10	13	29	FOBS=	78.0	SIGMA=	1.0	PHAS=	-18.8	FOM=	0.99	TEST=	0
INDE	10	13	31	FOBS=	279.6	SIGMA=	0.5	PHAS=	19.3	FOM=	0.77	TEST=	1
INDE	10	13	33	FOBS=	208.5	SIGMA=	0.7	PHAS=	48.0	FOM=	0.92	TEST=	0
INDE	10	13	35	FOBS=	101.9	SIGMA=	1.2	PHAS=	-25.8	FOM=	0.96	TEST=	0
INDE	10	13	37	FOBS=	503.5	SIGMA=	0.6	PHAS=	-10.3	FOM=	0.87	TEST=	1
INDE	10	13	39	FOBS=	0.0	SIGMA=	17.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	13	41	FOBS=	233.2	SIGMA=	0.7	PHAS=	-121.9	FOM=	0.94	TEST=	0
INDE	10	13	43	FOBS=	192.4	SIGMA=	0.9	PHAS=	-84.8	FOM=	0.95	TEST=	0
INDE	10	13	45	FOBS=	175.1	SIGMA=	0.9	PHAS=	151.8	FOM=	0.93	TEST=	0
INDE	10	13	47	FOBS=	230.3	SIGMA=	0.9	PHAS=	143.5	FOM=	0.97	TEST=	0
INDE	10	13	49	FOBS=	161.2	SIGMA=	1.1	PHAS=	-153.7	FOM=	0.91	TEST=	0
INDE	10	13	51	FOBS=	144.9	SIGMA=	1.0	PHAS=	175.8	FOM=	0.94	TEST=	0
INDE	10	13	53	FOBS=	91.0	SIGMA=	1.6	PHAS=	128.8	FOM=	0.68	TEST=	0
INDE	10	13	55	FOBS=	90.1	SIGMA=	1.8	PHAS=	155.9	FOM=	0.74	TEST=	1
INDE	10	13	57	FOBS=	138.4	SIGMA=	1.0	PHAS=	138.4	FOM=	0.93	TEST=	0
INDE	10	13	59	FOBS=	139.7	SIGMA=	1.7	PHAS=	141.8	FOM=	0.95	TEST=	0
INDE	10	13	61	FOBS=	140.4	SIGMA=	1.9	PHAS=	154.5	FOM=	0.87	TEST=	0
INDE	10	13	63	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	13	65	FOBS=	16.5	SIGMA=	20.7	PHAS=	-150.9	FOM=	0.44	TEST=	0
INDE	10	14	10	FOBS=	257.5	SIGMA=	0.5	PHAS=	-172.3	FOM=	0.91	TEST=	0
INDE	10	14	12	FOBS=	232.3	SIGMA=	0.5	PHAS=	22.8	FOM=	0.91	TEST=	0
INDE	10	14	14	FOBS=	169.7	SIGMA=	0.6	PHAS=	-146.6	FOM=	0.69	TEST=	0
INDE	10	14	16	FOBS=	88.3	SIGMA=	0.7	PHAS=	130.5	FOM=	0.91	TEST=	0
INDE	10	14	18	FOBS=	104.9	SIGMA=	0.6	PHAS=	21.4	FOM=	0.93	TEST=	0
INDE	10	14	20	FOBS=	134.9	SIGMA=	0.5	PHAS=	54.9	FOM=	0.97	TEST=	0
INDE	10	14	22	FOBS=	179.3	SIGMA=	0.5	PHAS=	-80.6	FOM=	0.98	TEST=	0
INDE	10	14	24	FOBS=	56.4	SIGMA=	1.1	PHAS=	73.6	FOM=	0.95	TEST=	0
INDE	10	14	26	FOBS=	109.7	SIGMA=	0.6	PHAS=	29.9	FOM=	0.99	TEST=	0
INDE	10	14	28	FOBS=	105.9	SIGMA=	0.7	PHAS=	-39.0	FOM=	0.96	TEST=	0
INDE	10	14	30	FOBS=	121.6	SIGMA=	0.6	PHAS=	-120.1	FOM=	0.99	TEST=	0
INDE	10	14	32	FOBS=	22.5	SIGMA=	3.8	PHAS=	-61.7	FOM=	0.95	TEST=	0
INDE	10	14	34	FOBS=	243.1	SIGMA=	0.6	PHAS=	-3.3	FOM=	0.98	TEST=	0
INDE	10	14	36	FOBS=	346.1	SIGMA=	0.6	PHAS=	-85.6	FOM=	0.97	TEST=	0
INDE	10	14	38	FOBS=	113.8	SIGMA=	1.1	PHAS=	-49.5	FOM=	0.92	TEST=	0
INDE	10	14	40	FOBS=	0.0	SIGMA=	16.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	14	42	FOBS=	479.5	SIGMA=	0.7	PHAS=	-164.7	FOM=	0.98	TEST=	0
INDE	10	14	44	FOBS=	89.2	SIGMA=	1.8	PHAS=	61.8	FOM=	0.92	TEST=	0
INDE	10	14	46	FOBS=	256.3	SIGMA=	1.2	PHAS=	77.3	FOM=	0.89	TEST=	1
INDE	10	14	48	FOBS=	55.4	SIGMA=	2.8	PHAS=	120.6	FOM=	0.70	TEST=	0
INDE	10	14	50	FOBS=	162.2	SIGMA=	1.0	PHAS=	87.6	FOM=	0.93	TEST=	0
INDE	10	14	52	FOBS=	114.5	SIGMA=	1.3	PHAS=	38.3	FOM=	0.94	TEST=	0
INDE	10	14	54	FOBS=	175.5	SIGMA=	1.0	PHAS=	134.7	FOM=	0.94	TEST=	0
INDE	10	14	56	FOBS=	0.0	SIGMA=	17.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	14	58	FOBS=	120.0	SIGMA=	1.7	PHAS=	18.6	FOM=	0.93	TEST=	0
INDE	10	14	60	FOBS=	84.2	SIGMA=	2.4	PHAS=	10.7	FOM=	0.93	TEST=	0
INDE	10	14	62	FOBS=	74.1	SIGMA=	3.3	PHAS=	70.8	FOM=	0.91	TEST=	0
INDE	10	14	64	FOBS=	47.9	SIGMA=	7.4	PHAS=	-48.7	FOM=	0.70	TEST=	0
INDE	10	14	66	FOBS=	90.1	SIGMA=	5.6	PHAS=	68.1	FOM=	0.75	TEST=	1
INDE	10	15	11	FOBS=	154.3	SIGMA=	0.5	PHAS=	-8.3	FOM=	0.92	TEST=	0
INDE	10	15	13	FOBS=	236.6	SIGMA=	0.4	PHAS=	-93.8	FOM=	0.94	TEST=	0
INDE	10	15	15	FOBS=	44.5	SIGMA=	1.7	PHAS=	-56.2	FOM=	0.43	TEST=	0
INDE	10	15	17	FOBS=	86.4	SIGMA=	0.7	PHAS=	-127.0	FOM=	0.18	TEST=	1
INDE	10	15	19	FOBS=	63.7	SIGMA=	1.0	PHAS=	-61.2	FOM=	0.95	TEST=	0
INDE	10	15	21	FOBS=	72.9	SIGMA=	0.9	PHAS=	164.6	FOM=	0.98	TEST=	0
INDE	10	15	23	FOBS=	86.1	SIGMA=	0.7	PHAS=	120.6	FOM=	0.87	TEST=	0
INDE	10	15	25	FOBS=	57.1	SIGMA=	1.1	PHAS=	-153.5	FOM=	0.98	TEST=	0
INDE	10	15	27	FOBS=	134.9	SIGMA=	0.6	PHAS=	142.1	FOM=	0.96	TEST=	0
INDE	10	15	29	FOBS=	54.7	SIGMA=	1.3	PHAS=	102.9	FOM=	0.92	TEST=	1
INDE	10	15	31	FOBS=	269.5	SIGMA=	0.4	PHAS=	31.6	FOM=	0.97	TEST=	0
INDE	10	15	33	FOBS=	105.0	SIGMA=	0.9	PHAS=	-170.0	FOM=	0.88	TEST=	0

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INDE	10	15	35	FOBS=	290.9	SIGMA=	0.6	PHAS=	-98.8	FOM=	0.92	TEST=	1
INDE	10	15	37	FOBS=	179.0	SIGMA=	0.8	PHAS=	-137.5	FOM=	0.96	TEST=	0
INDE	10	15	39	FOBS=	39.7	SIGMA=	3.0	PHAS=	-18.8	FOM=	0.83	TEST=	0
INDE	10	15	41	FOBS=	125.7	SIGMA=	2.0	PHAS=	153.9	FOM=	0.85	TEST=	0
INDE	10	15	43	FOBS=	198.3	SIGMA=	0.8	PHAS=	145.7	FOM=	0.96	TEST=	0
INDE	10	15	45	FOBS=	292.1	SIGMA=	0.8	PHAS=	-63.5	FOM=	0.97	TEST=	0
INDE	10	15	47	FOBS=	144.0	SIGMA=	1.1	PHAS=	83.4	FOM=	0.44	TEST=	0
INDE	10	15	49	FOBS=	53.0	SIGMA=	2.9	PHAS=	-12.8	FOM=	0.87	TEST=	0
INDE	10	15	51	FOBS=	200.6	SIGMA=	1.2	PHAS=	-76.8	FOM=	0.90	TEST=	0
INDE	10	15	53	FOBS=	161.3	SIGMA=	1.1	PHAS=	111.9	FOM=	0.90	TEST=	0
INDE	10	15	55	FOBS=	94.2	SIGMA=	1.5	PHAS=	99.5	FOM=	0.93	TEST=	0
INDE	10	15	57	FOBS=	75.5	SIGMA=	2.7	PHAS=	-134.1	FOM=	0.91	TEST=	0
INDE	10	15	59	FOBS=	172.3	SIGMA=	1.3	PHAS=	-146.9	FOM=	0.95	TEST=	0
INDE	10	15	61	FOBS=	45.0	SIGMA=	4.4	PHAS=	153.4	FOM=	0.56	TEST=	1
INDE	10	15	63	FOBS=	44.7	SIGMA=	6.2	PHAS=	-56.5	FOM=	0.47	TEST=	0
INDE	10	15	65	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	16	10	FOBS=	401.7	SIGMA=	0.4	PHAS=	-178.6	FOM=	0.96	TEST=	0
INDE	10	16	12	FOBS=	47.8	SIGMA=	1.3	PHAS=	32.7	FOM=	0.92	TEST=	0
INDE	10	16	14	FOBS=	134.9	SIGMA=	0.6	PHAS=	179.7	FOM=	0.89	TEST=	0
INDE	10	16	16	FOBS=	141.5	SIGMA=	0.6	PHAS=	-123.9	FOM=	0.67	TEST=	0
INDE	10	16	18	FOBS=	200.8	SIGMA=	0.4	PHAS=	91.8	FOM=	0.98	TEST=	0
INDE	10	16	20	FOBS=	81.1	SIGMA=	0.8	PHAS=	-154.4	FOM=	0.71	TEST=	0
INDE	10	16	22	FOBS=	260.1	SIGMA=	0.4	PHAS=	-12.4	FOM=	0.99	TEST=	0
INDE	10	16	24	FOBS=	257.6	SIGMA=	0.4	PHAS=	48.6	FOM=	0.98	TEST=	1
INDE	10	16	26	FOBS=	206.4	SIGMA=	0.4	PHAS=	-45.3	FOM=	0.96	TEST=	0
INDE	10	16	28	FOBS=	242.0	SIGMA=	0.4	PHAS=	4.1	FOM=	0.97	TEST=	0
INDE	10	16	30	FOBS=	204.3	SIGMA=	0.5	PHAS=	-58.3	FOM=	0.93	TEST=	0
INDE	10	16	32	FOBS=	110.2	SIGMA=	0.8	PHAS=	-66.4	FOM=	0.83	TEST=	0
INDE	10	16	34	FOBS=	194.9	SIGMA=	0.6	PHAS=	66.5	FOM=	0.93	TEST=	0
INDE	10	16	36	FOBS=	89.4	SIGMA=	1.4	PHAS=	168.8	FOM=	0.95	TEST=	0
INDE	10	16	38	FOBS=	183.5	SIGMA=	0.7	PHAS=	-94.7	FOM=	0.94	TEST=	0
INDE	10	16	40	FOBS=	82.5	SIGMA=	1.5	PHAS=	-135.8	FOM=	0.68	TEST=	1
INDE	10	16	42	FOBS=	0.0	SIGMA=	16.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	16	44	FOBS=	89.7	SIGMA=	1.8	PHAS=	176.0	FOM=	0.85	TEST=	0
INDE	10	16	46	FOBS=	87.1	SIGMA=	1.9	PHAS=	108.0	FOM=	0.85	TEST=	0
INDE	10	16	48	FOBS=	193.4	SIGMA=	0.9	PHAS=	-151.0	FOM=	0.96	TEST=	0
INDE	10	16	50	FOBS=	30.2	SIGMA=	5.1	PHAS=	-78.1	FOM=	0.62	TEST=	0
INDE	10	16	52	FOBS=	21.3	SIGMA=	6.9	PHAS=	-178.1	FOM=	0.36	TEST=	1
INDE	10	16	54	FOBS=	102.1	SIGMA=	1.4	PHAS=	37.5	FOM=	0.88	TEST=	0
INDE	10	16	56	FOBS=	108.7	SIGMA=	2.0	PHAS=	64.5	FOM=	0.88	TEST=	0
INDE	10	16	58	FOBS=	80.1	SIGMA=	2.6	PHAS=	75.2	FOM=	0.73	TEST=	0
INDE	10	16	60	FOBS=	130.8	SIGMA=	1.6	PHAS=	61.6	FOM=	0.94	TEST=	0
INDE	10	16	62	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	16	64	FOBS=	96.5	SIGMA=	3.0	PHAS=	-33.1	FOM=	0.83	TEST=	0
INDE	10	16	66	FOBS=	43.8	SIGMA=	10.5	PHAS=	-30.0	FOM=	0.78	TEST=	0
INDE	10	17	11	FOBS=	46.5	SIGMA=	1.2	PHAS=	-76.6	FOM=	0.80	TEST=	0
INDE	10	17	13	FOBS=	79.1	SIGMA=	0.8	PHAS=	13.8	FOM=	0.99	TEST=	0
INDE	10	17	15	FOBS=	165.8	SIGMA=	0.5	PHAS=	68.0	FOM=	0.94	TEST=	0
INDE	10	17	17	FOBS=	34.3	SIGMA=	2.1	PHAS=	49.5	FOM=	0.80	TEST=	0
INDE	10	17	19	FOBS=	187.8	SIGMA=	0.5	PHAS=	87.2	FOM=	0.92	TEST=	0
INDE	10	17	21	FOBS=	76.5	SIGMA=	0.9	PHAS=	-111.1	FOM=	0.84	TEST=	0
INDE	10	17	23	FOBS=	132.3	SIGMA=	0.6	PHAS=	-15.6	FOM=	0.97	TEST=	0
INDE	10	17	25	FOBS=	181.3	SIGMA=	0.5	PHAS=	-163.2	FOM=	0.96	TEST=	0
INDE	10	17	27	FOBS=	160.7	SIGMA=	0.5	PHAS=	-150.9	FOM=	0.99	TEST=	0
INDE	10	17	29	FOBS=	249.2	SIGMA=	0.4	PHAS=	-85.1	FOM=	0.97	TEST=	0
INDE	10	17	31	FOBS=	242.1	SIGMA=	0.5	PHAS=	-86.9	FOM=	0.96	TEST=	0
INDE	10	17	33	FOBS=	30.1	SIGMA=	3.1	PHAS=	-115.9	FOM=	0.42	TEST=	0
INDE	10	17	35	FOBS=	376.2	SIGMA=	0.5	PHAS=	-57.6	FOM=	0.96	TEST=	0
INDE	10	17	37	FOBS=	278.9	SIGMA=	0.5	PHAS=	154.7	FOM=	0.96	TEST=	0
INDE	10	17	39	FOBS=	140.0	SIGMA=	0.9	PHAS=	150.9	FOM=	0.08	TEST=	0
INDE	10	17	41	FOBS=	82.9	SIGMA=	1.7	PHAS=	-100.4	FOM=	0.82	TEST=	0
INDE	10	17	43	FOBS=	112.1	SIGMA=	1.3	PHAS=	-137.5	FOM=	0.47	TEST=	1
INDE	10	17	45	FOBS=	98.9	SIGMA=	1.7	PHAS=	38.2	FOM=	0.73	TEST=	0
INDE	10	17	47	FOBS=	170.3	SIGMA=	1.0	PHAS=	129.6	FOM=	0.76	TEST=	1
INDE	10	17	49	FOBS=	62.0	SIGMA=	3.4	PHAS=	64.9	FOM=	0.53	TEST=	0
INDE	10	17	51	FOBS=	127.1	SIGMA=	1.2	PHAS=	-175.5	FOM=	0.93	TEST=	0
INDE	10	17	53	FOBS=	34.2	SIGMA=	5.1	PHAS=	-146.2	FOM=	0.72	TEST=	0
INDE	10	17	55	FOBS=	49.6	SIGMA=	4.1	PHAS=	14.8	FOM=	0.77	TEST=	0
INDE	10	17	57	FOBS=	22.4	SIGMA=	9.0	PHAS=	167.9	FOM=	0.03	TEST=	0
INDE	10	17	59	FOBS=	71.8	SIGMA=	2.9	PHAS=	-69.4	FOM=	0.35	TEST=	0

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INDE	10	17	61	FOBS=	64.4	SIGMA=	3.3	PHAS=	-128.5	FOM=	0.85	TEST=	0
INDE	10	17	63	FOBS=	40.0	SIGMA=	6.0	PHAS=	159.9	FOM=	0.57	TEST=	0
INDE	10	17	65	FOBS=	6.0	SIGMA=	56.7	PHAS=	-158.2	FOM=	0.14	TEST=	0
INDE	10	17	67	FOBS=	64.1	SIGMA=	7.2	PHAS=	-127.5	FOM=	0.84	TEST=	0
INDE	10	17	69	FOBS=	56.2	SIGMA=	8.4	PHAS=	93.5	FOM=	0.39	TEST=	0
INDE	10	18	10	FOBS=	83.9	SIGMA=	0.7	PHAS=	133.4	FOM=	0.90	TEST=	0
INDE	10	18	12	FOBS=	62.5	SIGMA=	1.0	PHAS=	41.2	FOM=	0.81	TEST=	0
INDE	10	18	14	FOBS=	25.6	SIGMA=	2.3	PHAS=	-173.9	FOM=	0.66	TEST=	0
INDE	10	18	16	FOBS=	176.2	SIGMA=	0.5	PHAS=	-88.0	FOM=	0.99	TEST=	0
INDE	10	18	18	FOBS=	131.4	SIGMA=	0.7	PHAS=	-56.8	FOM=	0.52	TEST=	1
INDE	10	18	20	FOBS=	123.9	SIGMA=	0.7	PHAS=	-125.0	FOM=	0.56	TEST=	0
INDE	10	18	22	FOBS=	244.2	SIGMA=	0.4	PHAS=	-17.3	FOM=	0.96	TEST=	0
INDE	10	18	24	FOBS=	223.5	SIGMA=	0.5	PHAS=	137.4	FOM=	0.95	TEST=	0
INDE	10	18	26	FOBS=	118.5	SIGMA=	0.7	PHAS=	128.2	FOM=	0.96	TEST=	0
INDE	10	18	28	FOBS=	88.6	SIGMA=	0.9	PHAS=	-104.7	FOM=	0.96	TEST=	0
INDE	10	18	30	FOBS=	68.7	SIGMA=	1.3	PHAS=	142.1	FOM=	0.81	TEST=	0
INDE	10	18	32	FOBS=	99.8	SIGMA=	1.0	PHAS=	85.6	FOM=	0.94	TEST=	0
INDE	10	18	34	FOBS=	207.9	SIGMA=	0.6	PHAS=	-80.4	FOM=	0.96	TEST=	0
INDE	10	18	36	FOBS=	320.5	SIGMA=	0.5	PHAS=	118.4	FOM=	0.95	TEST=	0
INDE	10	18	38	FOBS=	0.0	SIGMA=	15.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	18	40	FOBS=	220.2	SIGMA=	0.7	PHAS=	-151.7	FOM=	0.94	TEST=	0
INDE	10	18	42	FOBS=	22.8	SIGMA=	6.6	PHAS=	141.1	FOM=	0.86	TEST=	0
INDE	10	18	44	FOBS=	155.6	SIGMA=	1.1	PHAS=	-30.0	FOM=	0.87	TEST=	0
INDE	10	18	46	FOBS=	57.1	SIGMA=	2.9	PHAS=	-63.4	FOM=	0.88	TEST=	0
INDE	10	18	48	FOBS=	325.1	SIGMA=	0.7	PHAS=	-175.6	FOM=	0.98	TEST=	0
INDE	10	18	50	FOBS=	170.8	SIGMA=	1.0	PHAS=	32.7	FOM=	0.96	TEST=	0
INDE	10	18	52	FOBS=	33.6	SIGMA=	5.0	PHAS=	149.3	FOM=	0.26	TEST=	0
INDE	10	18	54	FOBS=	49.9	SIGMA=	4.1	PHAS=	-61.2	FOM=	0.12	TEST=	1
INDE	10	18	56	FOBS=	49.9	SIGMA=	4.6	PHAS=	55.0	FOM=	0.61	TEST=	0
INDE	10	18	58	FOBS=	56.4	SIGMA=	3.9	PHAS=	16.4	FOM=	0.77	TEST=	0
INDE	10	18	60	FOBS=	118.8	SIGMA=	1.8	PHAS=	79.6	FOM=	0.93	TEST=	0
INDE	10	18	62	FOBS=	10.0	SIGMA=	23.3	PHAS=	-95.2	FOM=	0.14	TEST=	0
INDE	10	18	64	FOBS=	92.6	SIGMA=	3.1	PHAS=	-23.0	FOM=	0.94	TEST=	0
INDE	10	18	68	FOBS=	52.7	SIGMA=	9.0	PHAS=	57.7	FOM=	0.88	TEST=	0
INDE	10	18	70	FOBS=	46.6	SIGMA=	10.1	PHAS=	-30.4	FOM=	0.78	TEST=	0
INDE	10	18	72	FOBS=	30.0	SIGMA=	16.3	PHAS=	-102.9	FOM=	0.16	TEST=	0
INDE	10	19	11	FOBS=	171.2	SIGMA=	0.4	PHAS=	-44.0	FOM=	0.98	TEST=	0
INDE	10	19	13	FOBS=	224.0	SIGMA=	0.5	PHAS=	72.7	FOM=	0.92	TEST=	0
INDE	10	19	15	FOBS=	65.1	SIGMA=	1.1	PHAS=	-122.3	FOM=	0.99	TEST=	0
INDE	10	19	17	FOBS=	129.3	SIGMA=	0.6	PHAS=	-128.6	FOM=	0.99	TEST=	0
INDE	10	19	19	FOBS=	140.4	SIGMA=	0.7	PHAS=	-144.8	FOM=	0.95	TEST=	1
INDE	10	19	21	FOBS=	226.6	SIGMA=	0.5	PHAS=	-153.0	FOM=	0.92	TEST=	0
INDE	10	19	23	FOBS=	103.6	SIGMA=	0.8	PHAS=	-51.5	FOM=	0.33	TEST=	1
INDE	10	19	25	FOBS=	114.9	SIGMA=	0.8	PHAS=	142.4	FOM=	0.93	TEST=	0
INDE	10	19	27	FOBS=	119.4	SIGMA=	0.8	PHAS=	154.0	FOM=	0.95	TEST=	0
INDE	10	19	29	FOBS=	145.5	SIGMA=	0.7	PHAS=	-43.3	FOM=	0.66	TEST=	0
INDE	10	19	31	FOBS=	368.8	SIGMA=	0.5	PHAS=	-38.2	FOM=	0.98	TEST=	0
INDE	10	19	33	FOBS=	57.3	SIGMA=	1.7	PHAS=	-128.7	FOM=	0.92	TEST=	0
INDE	10	19	35	FOBS=	0.0	SIGMA=	14.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	19	37	FOBS=	240.0	SIGMA=	0.7	PHAS=	85.3	FOM=	0.93	TEST=	0
INDE	10	19	39	FOBS=	279.7	SIGMA=	0.7	PHAS=	39.0	FOM=	0.93	TEST=	0
INDE	10	19	41	FOBS=	304.9	SIGMA=	0.6	PHAS=	150.9	FOM=	0.96	TEST=	0
INDE	10	19	43	FOBS=	63.2	SIGMA=	2.3	PHAS=	21.1	FOM=	0.94	TEST=	0
INDE	10	19	45	FOBS=	43.7	SIGMA=	3.9	PHAS=	36.3	FOM=	0.51	TEST=	0
INDE	10	19	47	FOBS=	165.6	SIGMA=	1.0	PHAS=	132.7	FOM=	0.95	TEST=	0
INDE	10	19	49	FOBS=	104.5	SIGMA=	1.5	PHAS=	13.7	FOM=	0.87	TEST=	0
INDE	10	19	51	FOBS=	106.7	SIGMA=	2.0	PHAS=	-95.7	FOM=	0.74	TEST=	0
INDE	10	19	53	FOBS=	52.0	SIGMA=	4.3	PHAS=	-123.4	FOM=	0.37	TEST=	0
INDE	10	19	55	FOBS=	68.0	SIGMA=	3.1	PHAS=	-98.5	FOM=	0.91	TEST=	0
INDE	10	19	57	FOBS=	162.9	SIGMA=	1.4	PHAS=	-126.4	FOM=	0.96	TEST=	0
INDE	10	19	59	FOBS=	42.0	SIGMA=	4.8	PHAS=	-30.6	FOM=	0.71	TEST=	0
INDE	10	19	61	FOBS=	120.9	SIGMA=	2.1	PHAS=	-127.6	FOM=	0.93	TEST=	0
INDE	10	19	63	FOBS=	120.6	SIGMA=	2.1	PHAS=	-125.3	FOM=	0.95	TEST=	0
INDE	10	19	65	FOBS=	74.7	SIGMA=	6.2	PHAS=	-163.5	FOM=	0.84	TEST=	0
INDE	10	19	67	FOBS=	124.8	SIGMA=	4.0	PHAS=	-67.9	FOM=	0.96	TEST=	0
INDE	10	19	69	FOBS=	67.8	SIGMA=	7.1	PHAS=	-57.3	FOM=	0.86	TEST=	0
INDE	10	19	71	FOBS=	15.5	SIGMA=	30.9	PHAS=	-138.4	FOM=	0.24	TEST=	0
INDE	10	19	73	FOBS=	61.9	SIGMA=	8.1	PHAS=	158.8	FOM=	0.71	TEST=	0
INDE	10	20	10	FOBS=	130.1	SIGMA=	0.5	PHAS=	111.7	FOM=	0.85	TEST=	0
INDE	10	20	12	FOBS=	51.4	SIGMA=	1.2	PHAS=	-49.1	FOM=	0.95	TEST=	0

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INDE	10	20	14	FOBS=	30.1	SIGMA=	2.2	PHAS=	-150.5	FOM=	0.96	TEST=	0
INDE	10	20	16	FOBS=	226.4	SIGMA=	0.5	PHAS=	-162.6	FOM=	0.99	TEST=	0
INDE	10	20	18	FOBS=	50.6	SIGMA=	1.5	PHAS=	64.4	FOM=	0.92	TEST=	0
INDE	10	20	20	FOBS=	49.2	SIGMA=	1.5	PHAS=	-39.5	FOM=	0.97	TEST=	0
INDE	10	20	22	FOBS=	65.0	SIGMA=	1.2	PHAS=	116.4	FOM=	0.98	TEST=	0
INDE	10	20	24	FOBS=	0.0	SIGMA=	13.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	20	26	FOBS=	188.4	SIGMA=	0.6	PHAS=	135.8	FOM=	0.95	TEST=	0
INDE	10	20	28	FOBS=	216.6	SIGMA=	0.6	PHAS=	-92.8	FOM=	0.96	TEST=	0
INDE	10	20	30	FOBS=	77.5	SIGMA=	1.3	PHAS=	-97.0	FOM=	0.95	TEST=	0
INDE	10	20	32	FOBS=	304.9	SIGMA=	0.5	PHAS=	-174.5	FOM=	0.95	TEST=	0
INDE	10	20	34	FOBS=	130.4	SIGMA=	0.9	PHAS=	-49.9	FOM=	0.86	TEST=	0
INDE	10	20	36	FOBS=	157.3	SIGMA=	0.9	PHAS=	114.7	FOM=	0.92	TEST=	1
INDE	10	20	38	FOBS=	322.2	SIGMA=	0.5	PHAS=	1.1	FOM=	0.97	TEST=	0
INDE	10	20	40	FOBS=	170.3	SIGMA=	0.8	PHAS=	55.7	FOM=	0.84	TEST=	0
INDE	10	20	42	FOBS=	298.5	SIGMA=	0.6	PHAS=	37.9	FOM=	0.94	TEST=	0
INDE	10	20	44	FOBS=	248.5	SIGMA=	0.8	PHAS=	-70.5	FOM=	0.97	TEST=	0
INDE	10	20	46	FOBS=	81.7	SIGMA=	1.9	PHAS=	14.5	FOM=	0.82	TEST=	0
INDE	10	20	48	FOBS=	104.4	SIGMA=	1.4	PHAS=	-165.8	FOM=	0.94	TEST=	0
INDE	10	20	50	FOBS=	64.9	SIGMA=	3.3	PHAS=	-84.4	FOM=	0.87	TEST=	0
INDE	10	20	52	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	20	54	FOBS=	150.8	SIGMA=	1.5	PHAS=	102.6	FOM=	0.92	TEST=	0
INDE	10	20	56	FOBS=	108.6	SIGMA=	1.9	PHAS=	154.2	FOM=	0.80	TEST=	0
INDE	10	20	58	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	20	60	FOBS=	138.6	SIGMA=	1.8	PHAS=	97.2	FOM=	0.95	TEST=	0
INDE	10	20	62	FOBS=	113.1	SIGMA=	2.2	PHAS=	107.8	FOM=	0.45	TEST=	1
INDE	10	20	64	FOBS=	60.1	SIGMA=	5.7	PHAS=	158.8	FOM=	0.67	TEST=	0
INDE	10	20	66	FOBS=	170.1	SIGMA=	2.9	PHAS=	151.5	FOM=	0.96	TEST=	0
INDE	10	20	68	FOBS=	45.7	SIGMA=	10.2	PHAS=	-100.1	FOM=	0.61	TEST=	0
INDE	10	20	70	FOBS=	22.8	SIGMA=	21.0	PHAS=	-164.1	FOM=	0.34	TEST=	0
INDE	10	20	72	FOBS=	94.0	SIGMA=	5.4	PHAS=	80.6	FOM=	0.85	TEST=	0
INDE	10	20	74	FOBS=	25.4	SIGMA=	20.4	PHAS=	167.3	FOM=	0.01	TEST=	1
INDE	10	21	11	FOBS=	179.8	SIGMA=	0.5	PHAS=	-63.4	FOM=	0.80	TEST=	0
INDE	10	21	13	FOBS=	136.3	SIGMA=	0.6	PHAS=	24.8	FOM=	0.99	TEST=	0
INDE	10	21	15	FOBS=	109.8	SIGMA=	0.7	PHAS=	-31.1	FOM=	0.98	TEST=	1
INDE	10	21	17	FOBS=	121.3	SIGMA=	0.6	PHAS=	51.0	FOM=	0.96	TEST=	0
INDE	10	21	19	FOBS=	310.5	SIGMA=	0.5	PHAS=	-137.8	FOM=	0.99	TEST=	0
INDE	10	21	21	FOBS=	49.0	SIGMA=	1.5	PHAS=	27.9	FOM=	0.98	TEST=	0
INDE	10	21	23	FOBS=	89.5	SIGMA=	1.1	PHAS=	33.8	FOM=	0.98	TEST=	0
INDE	10	21	25	FOBS=	37.6	SIGMA=	2.5	PHAS=	9.9	FOM=	0.91	TEST=	0
INDE	10	21	27	FOBS=	146.6	SIGMA=	0.7	PHAS=	92.9	FOM=	0.97	TEST=	0
INDE	10	21	29	FOBS=	81.3	SIGMA=	1.2	PHAS=	-158.9	FOM=	0.92	TEST=	0
INDE	10	21	31	FOBS=	185.0	SIGMA=	0.7	PHAS=	-51.2	FOM=	0.95	TEST=	1
INDE	10	21	33	FOBS=	165.9	SIGMA=	0.8	PHAS=	33.7	FOM=	0.67	TEST=	0
INDE	10	21	35	FOBS=	127.9	SIGMA=	0.9	PHAS=	-13.5	FOM=	0.21	TEST=	0
INDE	10	21	37	FOBS=	13.1	SIGMA=	9.3	PHAS=	-18.2	FOM=	0.06	TEST=	0
INDE	10	21	39	FOBS=	186.5	SIGMA=	0.8	PHAS=	-28.5	FOM=	0.95	TEST=	0
INDE	10	21	41	FOBS=	184.1	SIGMA=	0.8	PHAS=	-33.7	FOM=	0.96	TEST=	0
INDE	10	21	43	FOBS=	150.7	SIGMA=	1.0	PHAS=	178.9	FOM=	0.48	TEST=	1
INDE	10	21	45	FOBS=	162.7	SIGMA=	1.0	PHAS=	135.7	FOM=	0.95	TEST=	0
INDE	10	21	47	FOBS=	39.8	SIGMA=	4.4	PHAS=	-17.7	FOM=	0.77	TEST=	0
INDE	10	21	49	FOBS=	73.5	SIGMA=	2.6	PHAS=	-10.0	FOM=	0.75	TEST=	0
INDE	10	21	51	FOBS=	154.2	SIGMA=	1.5	PHAS=	-154.3	FOM=	0.92	TEST=	0
INDE	10	21	53	FOBS=	70.2	SIGMA=	3.0	PHAS=	35.7	FOM=	0.75	TEST=	0
INDE	10	21	55	FOBS=	53.9	SIGMA=	3.9	PHAS=	-36.4	FOM=	0.78	TEST=	0
INDE	10	21	57	FOBS=	27.5	SIGMA=	5.1	PHAS=	119.8	FOM=	0.60	TEST=	0
INDE	10	21	59	FOBS=	109.9	SIGMA=	1.9	PHAS=	17.9	FOM=	0.93	TEST=	0
INDE	10	21	61	FOBS=	87.8	SIGMA=	2.8	PHAS=	35.7	FOM=	0.79	TEST=	0
INDE	10	21	63	FOBS=	68.7	SIGMA=	3.5	PHAS=	-22.9	FOM=	0.34	TEST=	0
INDE	10	21	65	FOBS=	89.5	SIGMA=	5.2	PHAS=	62.6	FOM=	0.90	TEST=	0
INDE	10	21	67	FOBS=	72.8	SIGMA=	6.6	PHAS=	-12.9	FOM=	0.93	TEST=	0
INDE	10	21	69	FOBS=	38.8	SIGMA=	12.1	PHAS=	172.6	FOM=	0.47	TEST=	0
INDE	10	21	71	FOBS=	55.8	SIGMA=	8.9	PHAS=	37.6	FOM=	0.75	TEST=	0
INDE	10	21	73	FOBS=	47.2	SIGMA=	10.8	PHAS=	-67.3	FOM=	0.16	TEST=	1
INDE	10	22	10	FOBS=	70.4	SIGMA=	0.9	PHAS=	-88.5	FOM=	0.99	TEST=	0
INDE	10	22	12	FOBS=	88.2	SIGMA=	0.8	PHAS=	-124.2	FOM=	0.95	TEST=	0
INDE	10	22	14	FOBS=	135.1	SIGMA=	0.6	PHAS=	-112.1	FOM=	0.99	TEST=	0
INDE	10	22	16	FOBS=	92.3	SIGMA=	0.9	PHAS=	-130.8	FOM=	0.99	TEST=	0
INDE	10	22	18	FOBS=	176.9	SIGMA=	0.6	PHAS=	125.5	FOM=	0.99	TEST=	0
INDE	10	22	20	FOBS=	43.8	SIGMA=	2.0	PHAS=	50.3	FOM=	0.90	TEST=	0
INDE	10	22	22	FOBS=	59.8	SIGMA=	1.4	PHAS=	-170.5	FOM=	0.33	TEST=	0

INDE	10	22	24	FOBS=	93.1	SIGMA=	1.0	PHAS=	-38.7	FOM=	0.93	TEST=	0
INDE	10	22	26	FOBS=	98.6	SIGMA=	1.1	PHAS=	-95.1	FOM=	0.56	TEST=	0
INDE	10	22	28	FOBS=	68.0	SIGMA=	1.5	PHAS=	-20.0	FOM=	0.98	TEST=	0
INDE	10	22	30	FOBS=	108.8	SIGMA=	1.0	PHAS=	-8.1	FOM=	0.96	TEST=	0
INDE	10	22	32	FOBS=	171.9	SIGMA=	0.9	PHAS=	-103.2	FOM=	0.99	TEST=	0
INDE	10	22	34	FOBS=	65.0	SIGMA=	1.8	PHAS=	-108.8	FOM=	0.35	TEST=	0
INDE	10	22	36	FOBS=	0.0	SIGMA=	15.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	22	38	FOBS=	229.3	SIGMA=	0.7	PHAS=	-67.3	FOM=	0.98	TEST=	0
INDE	10	22	40	FOBS=	185.5	SIGMA=	0.8	PHAS=	-122.4	FOM=	0.95	TEST=	0
INDE	10	22	42	FOBS=	258.5	SIGMA=	0.7	PHAS=	-83.8	FOM=	0.88	TEST=	1
INDE	10	22	44	FOBS=	44.6	SIGMA=	3.4	PHAS=	179.2	FOM=	0.23	TEST=	0
INDE	10	22	46	FOBS=	74.3	SIGMA=	2.4	PHAS=	146.7	FOM=	0.91	TEST=	1
INDE	10	22	48	FOBS=	164.7	SIGMA=	1.1	PHAS=	-96.0	FOM=	0.98	TEST=	0
INDE	10	22	50	FOBS=	83.0	SIGMA=	2.3	PHAS=	167.3	FOM=	0.70	TEST=	0
INDE	10	22	52	FOBS=	125.7	SIGMA=	1.6	PHAS=	132.7	FOM=	0.89	TEST=	0
INDE	10	22	54	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	22	56	FOBS=	67.6	SIGMA=	3.1	PHAS=	-84.0	FOM=	0.87	TEST=	0
INDE	10	22	58	FOBS=	22.0	SIGMA=	6.7	PHAS=	29.4	FOM=	0.47	TEST=	0
INDE	10	22	60	FOBS=	64.3	SIGMA=	3.8	PHAS=	20.4	FOM=	0.93	TEST=	0
INDE	10	22	62	FOBS=	3.9	SIGMA=	61.6	PHAS=	112.8	FOM=	0.03	TEST=	0
INDE	10	22	64	FOBS=	48.2	SIGMA=	9.5	PHAS=	-88.6	FOM=	0.51	TEST=	0
INDE	10	22	66	FOBS=	83.4	SIGMA=	5.6	PHAS=	-166.6	FOM=	0.92	TEST=	0
INDE	10	22	68	FOBS=	51.4	SIGMA=	9.0	PHAS=	-42.5	FOM=	0.75	TEST=	0
INDE	10	22	70	FOBS=	75.4	SIGMA=	6.4	PHAS=	148.7	FOM=	0.88	TEST=	0
INDE	10	22	72	FOBS=	75.3	SIGMA=	6.6	PHAS=	-79.9	FOM=	0.89	TEST=	0
INDE	10	23	11	FOBS=	20.7	SIGMA=	3.0	PHAS=	170.1	FOM=	0.27	TEST=	0
INDE	10	23	13	FOBS=	91.8	SIGMA=	0.8	PHAS=	54.9	FOM=	0.96	TEST=	0
INDE	10	23	15	FOBS=	121.6	SIGMA=	0.7	PHAS=	-6.7	FOM=	0.86	TEST=	0
INDE	10	23	17	FOBS=	117.9	SIGMA=	0.8	PHAS=	125.3	FOM=	0.99	TEST=	1
INDE	10	23	19	FOBS=	117.5	SIGMA=	0.8	PHAS=	-140.1	FOM=	0.92	TEST=	0
INDE	10	23	21	FOBS=	133.8	SIGMA=	0.8	PHAS=	90.6	FOM=	0.90	TEST=	0
INDE	10	23	23	FOBS=	94.5	SIGMA=	1.0	PHAS=	-24.8	FOM=	0.97	TEST=	0
INDE	10	23	25	FOBS=	182.6	SIGMA=	0.6	PHAS=	-111.6	FOM=	0.86	TEST=	0
INDE	10	23	27	FOBS=	79.8	SIGMA=	1.4	PHAS=	93.0	FOM=	0.77	TEST=	0
INDE	10	23	29	FOBS=	79.7	SIGMA=	1.4	PHAS=	169.5	FOM=	0.19	TEST=	0
INDE	10	23	31	FOBS=	68.7	SIGMA=	1.7	PHAS=	112.6	FOM=	0.97	TEST=	1
INDE	10	23	33	FOBS=	143.3	SIGMA=	0.9	PHAS=	44.7	FOM=	0.96	TEST=	0
INDE	10	23	35	FOBS=	208.8	SIGMA=	0.7	PHAS=	63.8	FOM=	0.90	TEST=	0
INDE	10	23	37	FOBS=	248.5	SIGMA=	0.6	PHAS=	110.3	FOM=	0.94	TEST=	0
INDE	10	23	39	FOBS=	0.0	SIGMA=	17.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	23	41	FOBS=	119.2	SIGMA=	1.3	PHAS=	-154.1	FOM=	0.80	TEST=	1
INDE	10	23	43	FOBS=	186.4	SIGMA=	1.0	PHAS=	145.9	FOM=	0.97	TEST=	0
INDE	10	23	45	FOBS=	342.5	SIGMA=	0.8	PHAS=	102.2	FOM=	0.50	TEST=	1
INDE	10	23	47	FOBS=	107.5	SIGMA=	1.7	PHAS=	-155.9	FOM=	0.98	TEST=	0
INDE	10	23	49	FOBS=	45.9	SIGMA=	3.7	PHAS=	89.6	FOM=	0.53	TEST=	0
INDE	10	23	51	FOBS=	120.1	SIGMA=	1.6	PHAS=	23.0	FOM=	0.90	TEST=	0
INDE	10	23	53	FOBS=	106.2	SIGMA=	1.8	PHAS=	127.7	FOM=	0.33	TEST=	1
INDE	10	23	55	FOBS=	72.1	SIGMA=	2.9	PHAS=	-159.8	FOM=	0.83	TEST=	0
INDE	10	23	57	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	23	59	FOBS=	97.2	SIGMA=	1.7	PHAS=	-38.3	FOM=	0.87	TEST=	0
INDE	10	23	61	FOBS=	65.3	SIGMA=	3.8	PHAS=	-34.2	FOM=	0.59	TEST=	0
INDE	10	23	63	FOBS=	73.7	SIGMA=	3.8	PHAS=	-61.4	FOM=	0.71	TEST=	0
INDE	10	23	65	FOBS=	45.3	SIGMA=	10.3	PHAS=	68.9	FOM=	0.42	TEST=	0
INDE	10	23	67	FOBS=	112.6	SIGMA=	4.3	PHAS=	-57.3	FOM=	0.95	TEST=	0
INDE	10	23	69	FOBS=	45.3	SIGMA=	10.2	PHAS=	30.3	FOM=	0.02	TEST=	1
INDE	10	23	71	FOBS=	42.0	SIGMA=	11.4	PHAS=	108.7	FOM=	0.80	TEST=	0
INDE	10	24	10	FOBS=	51.0	SIGMA=	1.2	PHAS=	143.4	FOM=	0.98	TEST=	0
INDE	10	24	12	FOBS=	54.7	SIGMA=	1.3	PHAS=	143.1	FOM=	0.86	TEST=	0
INDE	10	24	14	FOBS=	184.5	SIGMA=	0.5	PHAS=	-108.0	FOM=	0.97	TEST=	0
INDE	10	24	16	FOBS=	155.0	SIGMA=	0.7	PHAS=	-49.5	FOM=	0.91	TEST=	0
INDE	10	24	18	FOBS=	96.3	SIGMA=	0.9	PHAS=	86.7	FOM=	0.95	TEST=	0
INDE	10	24	20	FOBS=	172.0	SIGMA=	0.6	PHAS=	54.6	FOM=	0.96	TEST=	0
INDE	10	24	22	FOBS=	208.6	SIGMA=	0.6	PHAS=	-158.9	FOM=	0.96	TEST=	1
INDE	10	24	24	FOBS=	127.0	SIGMA=	0.8	PHAS=	149.2	FOM=	0.61	TEST=	1
INDE	10	24	26	FOBS=	71.4	SIGMA=	1.4	PHAS=	-69.6	FOM=	0.43	TEST=	0
INDE	10	24	28	FOBS=	265.1	SIGMA=	0.7	PHAS=	13.0	FOM=	0.97	TEST=	0
INDE	10	24	30	FOBS=	244.1	SIGMA=	0.7	PHAS=	30.1	FOM=	0.97	TEST=	0
INDE	10	24	32	FOBS=	168.5	SIGMA=	0.8	PHAS=	-66.7	FOM=	0.89	TEST=	0
INDE	10	24	34	FOBS=	71.5	SIGMA=	1.8	PHAS=	-92.5	FOM=	0.86	TEST=	0
INDE	10	24	36	FOBS=	143.2	SIGMA=	1.0	PHAS=	-20.6	FOM=	0.94	TEST=	0

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INDE	10	24	38	FOBS=	100.9	SIGMA=	1.4	PHAS=	-43.8	FOM=	0.82	TEST=	0
INDE	10	24	40	FOBS=	89.8	SIGMA=	1.7	PHAS=	-169.1	FOM=	0.90	TEST=	0
INDE	10	24	42	FOBS=	186.5	SIGMA=	1.1	PHAS=	-47.7	FOM=	0.97	TEST=	0
INDE	10	24	44	FOBS=	169.7	SIGMA=	1.1	PHAS=	-2.1	FOM=	0.96	TEST=	1
INDE	10	24	46	FOBS=	5.4	SIGMA=	32.3	PHAS=	-59.5	FOM=	0.19	TEST=	0
INDE	10	24	48	FOBS=	97.8	SIGMA=	1.8	PHAS=	9.8	FOM=	0.90	TEST=	0
INDE	10	24	50	FOBS=	155.1	SIGMA=	1.2	PHAS=	-30.2	FOM=	0.90	TEST=	0
INDE	10	24	52	FOBS=	40.7	SIGMA=	4.4	PHAS=	-138.9	FOM=	0.12	TEST=	0
INDE	10	24	54	FOBS=	150.5	SIGMA=	1.3	PHAS=	93.5	FOM=	0.94	TEST=	0
INDE	10	24	56	FOBS=	46.6	SIGMA=	4.5	PHAS=	102.9	FOM=	0.36	TEST=	0
INDE	10	24	58	FOBS=	92.3	SIGMA=	1.7	PHAS=	-116.3	FOM=	0.62	TEST=	0
INDE	10	24	60	FOBS=	0.0	SIGMA=	17.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	24	62	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	24	64	FOBS=	75.3	SIGMA=	6.4	PHAS=	107.1	FOM=	0.27	TEST=	1
INDE	10	24	66	FOBS=	109.5	SIGMA=	4.5	PHAS=	179.9	FOM=	0.94	TEST=	0
INDE	10	24	68	FOBS=	0.0	SIGMA=	30.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	24	70	FOBS=	0.0	SIGMA=	30.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	24	72	FOBS=	45.4	SIGMA=	10.9	PHAS=	2.6	FOM=	0.45	TEST=	0
INDE	10	25	11	FOBS=	128.5	SIGMA=	0.6	PHAS=	89.7	FOM=	0.99	TEST=	0
INDE	10	25	13	FOBS=	51.9	SIGMA=	1.5	PHAS=	-158.9	FOM=	0.98	TEST=	0
INDE	10	25	15	FOBS=	190.6	SIGMA=	0.6	PHAS=	-86.6	FOM=	0.96	TEST=	0
INDE	10	25	17	FOBS=	210.2	SIGMA=	0.6	PHAS=	-104.8	FOM=	0.98	TEST=	0
INDE	10	25	19	FOBS=	83.5	SIGMA=	1.1	PHAS=	-33.3	FOM=	0.98	TEST=	0
INDE	10	25	21	FOBS=	290.9	SIGMA=	0.6	PHAS=	37.9	FOM=	0.95	TEST=	0
INDE	10	25	23	FOBS=	256.0	SIGMA=	0.6	PHAS=	46.8	FOM=	0.97	TEST=	0
INDE	10	25	25	FOBS=	200.4	SIGMA=	0.6	PHAS=	-95.8	FOM=	0.96	TEST=	0
INDE	10	25	27	FOBS=	225.8	SIGMA=	0.6	PHAS=	-133.2	FOM=	0.94	TEST=	0
INDE	10	25	29	FOBS=	241.5	SIGMA=	0.6	PHAS=	61.1	FOM=	0.38	TEST=	1
INDE	10	25	31	FOBS=	96.4	SIGMA=	1.4	PHAS=	-82.6	FOM=	0.96	TEST=	0
INDE	10	25	33	FOBS=	137.2	SIGMA=	1.0	PHAS=	-19.5	FOM=	0.96	TEST=	0
INDE	10	25	35	FOBS=	0.0	SIGMA=	18.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	25	37	FOBS=	157.9	SIGMA=	1.0	PHAS=	122.8	FOM=	0.96	TEST=	0
INDE	10	25	39	FOBS=	101.8	SIGMA=	1.8	PHAS=	98.5	FOM=	0.95	TEST=	0
INDE	10	25	41	FOBS=	135.2	SIGMA=	1.4	PHAS=	-163.6	FOM=	0.80	TEST=	0
INDE	10	25	43	FOBS=	56.6	SIGMA=	3.2	PHAS=	-162.2	FOM=	0.52	TEST=	0
INDE	10	25	45	FOBS=	130.5	SIGMA=	1.4	PHAS=	87.7	FOM=	0.91	TEST=	0
INDE	10	25	47	FOBS=	107.7	SIGMA=	1.7	PHAS=	-133.3	FOM=	0.86	TEST=	0
INDE	10	25	49	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	25	51	FOBS=	118.8	SIGMA=	1.5	PHAS=	-122.0	FOM=	0.85	TEST=	0
INDE	10	25	53	FOBS=	83.5	SIGMA=	2.1	PHAS=	11.2	FOM=	0.89	TEST=	0
INDE	10	25	55	FOBS=	94.6	SIGMA=	2.0	PHAS=	5.2	FOM=	0.87	TEST=	0
INDE	10	25	57	FOBS=	81.9	SIGMA=	2.6	PHAS=	-39.4	FOM=	0.92	TEST=	0
INDE	10	25	59	FOBS=	46.3	SIGMA=	3.7	PHAS=	19.7	FOM=	0.87	TEST=	0
INDE	10	25	61	FOBS=	105.2	SIGMA=	1.6	PHAS=	-62.1	FOM=	0.84	TEST=	0
INDE	10	25	63	FOBS=	61.5	SIGMA=	5.4	PHAS=	90.1	FOM=	0.35	TEST=	0
INDE	10	25	65	FOBS=	71.0	SIGMA=	6.9	PHAS=	21.7	FOM=	0.85	TEST=	0
INDE	10	25	67	FOBS=	27.8	SIGMA=	17.6	PHAS=	18.4	FOM=	0.44	TEST=	0
INDE	10	25	69	FOBS=	62.3	SIGMA=	7.8	PHAS=	-172.1	FOM=	0.80	TEST=	0
INDE	10	25	71	FOBS=	0.0	SIGMA=	31.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	26	10	FOBS=	54.0	SIGMA=	1.2	PHAS=	39.2	FOM=	0.63	TEST=	0
INDE	10	26	12	FOBS=	104.3	SIGMA=	0.9	PHAS=	40.9	FOM=	0.96	TEST=	0
INDE	10	26	14	FOBS=	129.9	SIGMA=	0.7	PHAS=	110.3	FOM=	0.94	TEST=	0
INDE	10	26	16	FOBS=	88.1	SIGMA=	1.1	PHAS=	165.9	FOM=	0.89	TEST=	0
INDE	10	26	18	FOBS=	143.1	SIGMA=	0.7	PHAS=	-149.9	FOM=	0.99	TEST=	0
INDE	10	26	20	FOBS=	231.6	SIGMA=	0.6	PHAS=	0.3	FOM=	0.97	TEST=	0
INDE	10	26	22	FOBS=	147.8	SIGMA=	0.8	PHAS=	-80.8	FOM=	0.97	TEST=	0
INDE	10	26	24	FOBS=	201.1	SIGMA=	0.7	PHAS=	-115.4	FOM=	0.94	TEST=	0
INDE	10	26	26	FOBS=	191.9	SIGMA=	0.6	PHAS=	100.1	FOM=	0.98	TEST=	0
INDE	10	26	28	FOBS=	112.8	SIGMA=	1.0	PHAS=	-33.7	FOM=	0.12	TEST=	0
INDE	10	26	30	FOBS=	246.1	SIGMA=	0.6	PHAS=	-179.8	FOM=	0.82	TEST=	0
INDE	10	26	32	FOBS=	188.6	SIGMA=	0.8	PHAS=	-148.9	FOM=	0.98	TEST=	0
INDE	10	26	34	FOBS=	151.7	SIGMA=	1.0	PHAS=	-117.5	FOM=	0.95	TEST=	0
INDE	10	26	36	FOBS=	113.6	SIGMA=	1.5	PHAS=	-156.6	FOM=	0.50	TEST=	0
INDE	10	26	38	FOBS=	123.1	SIGMA=	1.6	PHAS=	-125.7	FOM=	0.93	TEST=	0
INDE	10	26	40	FOBS=	124.8	SIGMA=	1.7	PHAS=	82.6	FOM=	0.73	TEST=	0
INDE	10	26	42	FOBS=	185.4	SIGMA=	1.1	PHAS=	-1.2	FOM=	0.90	TEST=	0
INDE	10	26	44	FOBS=	152.9	SIGMA=	1.3	PHAS=	37.1	FOM=	0.77	TEST=	0
INDE	10	26	46	FOBS=	78.9	SIGMA=	2.3	PHAS=	14.4	FOM=	0.71	TEST=	0
INDE	10	26	48	FOBS=	171.3	SIGMA=	1.1	PHAS=	12.2	FOM=	0.92	TEST=	0
INDE	10	26	50	FOBS=	69.7	SIGMA=	2.5	PHAS=	59.5	FOM=	0.62	TEST=	0

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INDE	10	26	52	FOBS=	61.4	SIGMA=	2.8	PHAS=	-16.5	FOM=	0.47	TEST=	0
INDE	10	26	54	FOBS=	47.9	SIGMA=	3.7	PHAS=	-105.7	FOM=	0.44	TEST=	1
INDE	10	26	56	FOBS=	105.4	SIGMA=	1.8	PHAS=	96.9	FOM=	0.73	TEST=	0
INDE	10	26	58	FOBS=	142.9	SIGMA=	1.7	PHAS=	-155.8	FOM=	0.95	TEST=	0
INDE	10	26	60	FOBS=	34.2	SIGMA=	5.1	PHAS=	-122.3	FOM=	0.66	TEST=	0
INDE	10	26	62	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	26	64	FOBS=	0.0	SIGMA=	25.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	10	26	66	FOBS=	60.3	SIGMA=	8.2	PHAS=	139.1	FOM=	0.71	TEST=	0
INDE	10	26	68	FOBS=	0.0	SIGMA=	31.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	26	70	FOBS=	0.0	SIGMA=	31.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	26	72	FOBS=	58.4	SIGMA=	8.8	PHAS=	72.4	FOM=	0.05	TEST=	1
INDE	10	27	11	FOBS=	68.1	SIGMA=	1.1	PHAS=	7.7	FOM=	0.70	TEST=	0
INDE	10	27	13	FOBS=	133.8	SIGMA=	0.7	PHAS=	17.0	FOM=	0.98	TEST=	0
INDE	10	27	15	FOBS=	157.7	SIGMA=	0.7	PHAS=	-9.9	FOM=	0.96	TEST=	0
INDE	10	27	17	FOBS=	194.4	SIGMA=	0.6	PHAS=	-135.6	FOM=	0.98	TEST=	0
INDE	10	27	19	FOBS=	36.9	SIGMA=	2.5	PHAS=	-176.7	FOM=	0.81	TEST=	0
INDE	10	27	21	FOBS=	232.3	SIGMA=	0.7	PHAS=	-22.3	FOM=	0.98	TEST=	0
INDE	10	27	23	FOBS=	89.3	SIGMA=	1.2	PHAS=	132.1	FOM=	0.89	TEST=	0
INDE	10	27	25	FOBS=	108.3	SIGMA=	1.1	PHAS=	171.1	FOM=	0.98	TEST=	0
INDE	10	27	27	FOBS=	178.6	SIGMA=	0.7	PHAS=	-0.9	FOM=	0.77	TEST=	0
INDE	10	27	29	FOBS=	121.7	SIGMA=	1.0	PHAS=	21.0	FOM=	0.78	TEST=	0
INDE	10	27	31	FOBS=	279.0	SIGMA=	0.6	PHAS=	101.9	FOM=	0.94	TEST=	0
INDE	10	27	33	FOBS=	190.9	SIGMA=	1.0	PHAS=	108.4	FOM=	0.97	TEST=	0
INDE	10	27	35	FOBS=	72.0	SIGMA=	2.8	PHAS=	59.8	FOM=	0.76	TEST=	0
INDE	10	27	37	FOBS=	168.3	SIGMA=	1.2	PHAS=	86.3	FOM=	0.98	TEST=	0
INDE	10	27	39	FOBS=	270.3	SIGMA=	0.9	PHAS=	67.3	FOM=	0.94	TEST=	0
INDE	10	27	41	FOBS=	256.0	SIGMA=	0.9	PHAS=	-25.7	FOM=	0.95	TEST=	0
INDE	10	27	43	FOBS=	116.9	SIGMA=	1.8	PHAS=	156.6	FOM=	0.80	TEST=	0
INDE	10	27	45	FOBS=	106.9	SIGMA=	1.7	PHAS=	-35.3	FOM=	0.74	TEST=	0
INDE	10	27	47	FOBS=	193.0	SIGMA=	1.0	PHAS=	-66.7	FOM=	0.95	TEST=	0
INDE	10	27	49	FOBS=	39.5	SIGMA=	4.4	PHAS=	130.2	FOM=	0.56	TEST=	0
INDE	10	27	51	FOBS=	97.1	SIGMA=	1.8	PHAS=	-1.4	FOM=	0.39	TEST=	1
INDE	10	27	53	FOBS=	8.4	SIGMA=	22.2	PHAS=	-119.0	FOM=	0.11	TEST=	0
INDE	10	27	55	FOBS=	81.5	SIGMA=	2.1	PHAS=	4.1	FOM=	0.91	TEST=	0
INDE	10	27	57	FOBS=	81.8	SIGMA=	2.6	PHAS=	26.3	FOM=	0.85	TEST=	0
INDE	10	27	59	FOBS=	88.0	SIGMA=	2.0	PHAS=	80.5	FOM=	0.86	TEST=	0
INDE	10	27	61	FOBS=	74.0	SIGMA=	2.5	PHAS=	9.9	FOM=	0.70	TEST=	0
INDE	10	27	63	FOBS=	32.6	SIGMA=	5.8	PHAS=	11.3	FOM=	0.86	TEST=	0
INDE	10	27	67	FOBS=	76.6	SIGMA=	6.5	PHAS=	74.2	FOM=	0.94	TEST=	0
INDE	10	27	69	FOBS=	86.8	SIGMA=	5.8	PHAS=	-179.9	FOM=	0.86	TEST=	0
INDE	10	27	71	FOBS=	0.0	SIGMA=	31.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	28	10	FOBS=	167.7	SIGMA=	0.6	PHAS=	166.1	FOM=	0.95	TEST=	0
INDE	10	28	12	FOBS=	221.3	SIGMA=	0.5	PHAS=	35.1	FOM=	0.90	TEST=	0
INDE	10	28	14	FOBS=	49.3	SIGMA=	1.8	PHAS=	167.7	FOM=	0.43	TEST=	0
INDE	10	28	16	FOBS=	38.7	SIGMA=	2.4	PHAS=	0.8	FOM=	0.40	TEST=	0
INDE	10	28	18	FOBS=	87.8	SIGMA=	1.1	PHAS=	-106.7	FOM=	0.87	TEST=	0
INDE	10	28	20	FOBS=	33.6	SIGMA=	2.9	PHAS=	-46.7	FOM=	0.62	TEST=	0
INDE	10	28	22	FOBS=	122.7	SIGMA=	1.0	PHAS=	156.5	FOM=	0.80	TEST=	0
INDE	10	28	24	FOBS=	42.7	SIGMA=	2.7	PHAS=	55.9	FOM=	0.53	TEST=	0
INDE	10	28	26	FOBS=	242.1	SIGMA=	0.6	PHAS=	32.6	FOM=	0.97	TEST=	0
INDE	10	28	28	FOBS=	158.7	SIGMA=	0.9	PHAS=	-136.3	FOM=	0.88	TEST=	0
INDE	10	28	30	FOBS=	119.8	SIGMA=	1.2	PHAS=	-89.9	FOM=	0.98	TEST=	0
INDE	10	28	32	FOBS=	265.6	SIGMA=	0.7	PHAS=	-51.1	FOM=	0.92	TEST=	0
INDE	10	28	34	FOBS=	168.2	SIGMA=	1.5	PHAS=	32.0	FOM=	0.95	TEST=	0
INDE	10	28	36	FOBS=	50.7	SIGMA=	4.8	PHAS=	169.3	FOM=	0.73	TEST=	0
INDE	10	28	38	FOBS=	235.4	SIGMA=	1.1	PHAS=	-76.2	FOM=	0.95	TEST=	0
INDE	10	28	40	FOBS=	265.1	SIGMA=	0.9	PHAS=	-91.7	FOM=	0.98	TEST=	0
INDE	10	28	42	FOBS=	164.6	SIGMA=	1.3	PHAS=	-20.6	FOM=	0.94	TEST=	0
INDE	10	28	44	FOBS=	103.3	SIGMA=	2.0	PHAS=	148.6	FOM=	0.87	TEST=	0
INDE	10	28	46	FOBS=	92.1	SIGMA=	2.0	PHAS=	123.2	FOM=	0.87	TEST=	1
INDE	10	28	48	FOBS=	44.3	SIGMA=	4.1	PHAS=	1.9	FOM=	0.34	TEST=	0
INDE	10	28	50	FOBS=	32.7	SIGMA=	5.5	PHAS=	-44.5	FOM=	0.23	TEST=	0
INDE	10	28	52	FOBS=	52.8	SIGMA=	3.2	PHAS=	-11.8	FOM=	0.56	TEST=	0
INDE	10	28	54	FOBS=	113.5	SIGMA=	1.5	PHAS=	18.8	FOM=	0.88	TEST=	0
INDE	10	28	56	FOBS=	140.8	SIGMA=	1.3	PHAS=	73.6	FOM=	0.95	TEST=	0
INDE	10	28	58	FOBS=	56.2	SIGMA=	3.5	PHAS=	-71.2	FOM=	0.47	TEST=	0
INDE	10	28	60	FOBS=	67.4	SIGMA=	2.5	PHAS=	-82.9	FOM=	0.60	TEST=	0
INDE	10	28	62	FOBS=	54.2	SIGMA=	3.8	PHAS=	-130.2	FOM=	0.69	TEST=	0
INDE	10	28	64	FOBS=	31.6	SIGMA=	6.1	PHAS=	-78.4	FOM=	0.53	TEST=	0
INDE	10	28	66	FOBS=	116.9	SIGMA=	4.3	PHAS=	-21.1	FOM=	0.95	TEST=	0

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INDE	10	28	68	FOBS=	96.0	SIGMA=	5.2	PHAS=	-27.7	FOM=	0.92	TEST=	0
INDE	10	28	70	FOBS=	87.1	SIGMA=	5.9	PHAS=	-82.1	FOM=	0.71	TEST=	0
INDE	10	29	11	FOBS=	117.4	SIGMA=	0.7	PHAS=	-86.6	FOM=	0.96	TEST=	0
INDE	10	29	13	FOBS=	54.2	SIGMA=	1.7	PHAS=	147.9	FOM=	0.89	TEST=	0
INDE	10	29	15	FOBS=	131.5	SIGMA=	0.8	PHAS=	97.5	FOM=	0.83	TEST=	0
INDE	10	29	17	FOBS=	151.8	SIGMA=	0.8	PHAS=	-172.5	FOM=	0.97	TEST=	0
INDE	10	29	19	FOBS=	64.9	SIGMA=	1.6	PHAS=	149.1	FOM=	0.94	TEST=	0
INDE	10	29	21	FOBS=	201.2	SIGMA=	0.7	PHAS=	18.4	FOM=	0.91	TEST=	1
INDE	10	29	23	FOBS=	225.1	SIGMA=	0.7	PHAS=	59.7	FOM=	0.93	TEST=	0
INDE	10	29	25	FOBS=	138.3	SIGMA=	1.0	PHAS=	-172.8	FOM=	0.93	TEST=	0
INDE	10	29	27	FOBS=	83.0	SIGMA=	1.7	PHAS=	-91.3	FOM=	0.31	TEST=	0
INDE	10	29	29	FOBS=	260.5	SIGMA=	0.7	PHAS=	117.3	FOM=	0.95	TEST=	0
INDE	10	29	31	FOBS=	282.7	SIGMA=	0.7	PHAS=	-164.7	FOM=	0.97	TEST=	0
INDE	10	29	33	FOBS=	231.6	SIGMA=	0.8	PHAS=	-178.5	FOM=	0.95	TEST=	0
INDE	10	29	35	FOBS=	91.7	SIGMA=	2.2	PHAS=	-15.8	FOM=	0.88	TEST=	1
INDE	10	29	37	FOBS=	37.9	SIGMA=	6.2	PHAS=	178.0	FOM=	0.19	TEST=	0
INDE	10	29	39	FOBS=	13.5	SIGMA=	17.9	PHAS=	61.9	FOM=	0.05	TEST=	0
INDE	10	29	41	FOBS=	173.4	SIGMA=	1.3	PHAS=	-82.0	FOM=	0.97	TEST=	0
INDE	10	29	43	FOBS=	57.9	SIGMA=	3.5	PHAS=	51.1	FOM=	0.85	TEST=	0
INDE	10	29	45	FOBS=	137.6	SIGMA=	1.5	PHAS=	-40.9	FOM=	0.84	TEST=	0
INDE	10	29	47	FOBS=	142.7	SIGMA=	1.4	PHAS=	-143.0	FOM=	0.90	TEST=	0
INDE	10	29	49	FOBS=	112.2	SIGMA=	1.6	PHAS=	104.5	FOM=	0.23	TEST=	1
INDE	10	29	51	FOBS=	78.6	SIGMA=	2.2	PHAS=	-102.3	FOM=	0.73	TEST=	0
INDE	10	29	53	FOBS=	71.4	SIGMA=	2.4	PHAS=	-85.7	FOM=	0.61	TEST=	0
INDE	10	29	55	FOBS=	175.3	SIGMA=	1.1	PHAS=	-20.7	FOM=	0.97	TEST=	0
INDE	10	29	57	FOBS=	36.0	SIGMA=	5.0	PHAS=	28.2	FOM=	0.67	TEST=	0
INDE	10	29	59	FOBS=	39.5	SIGMA=	4.3	PHAS=	-129.5	FOM=	0.20	TEST=	0
INDE	10	29	61	FOBS=	57.6	SIGMA=	3.2	PHAS=	-77.4	FOM=	0.09	TEST=	1
INDE	10	29	63	FOBS=	44.3	SIGMA=	4.7	PHAS=	34.4	FOM=	0.49	TEST=	0
INDE	10	29	65	FOBS=	94.6	SIGMA=	2.4	PHAS=	-146.1	FOM=	0.92	TEST=	0
INDE	10	29	67	FOBS=	48.6	SIGMA=	10.3	PHAS=	-90.4	FOM=	0.15	TEST=	1
INDE	10	29	69	FOBS=	53.8	SIGMA=	9.6	PHAS=	-151.7	FOM=	0.84	TEST=	0
INDE	10	29	71	FOBS=	65.4	SIGMA=	8.2	PHAS=	23.5	FOM=	0.70	TEST=	0
INDE	10	30	10	FOBS=	278.2	SIGMA=	0.5	PHAS=	147.5	FOM=	0.95	TEST=	0
INDE	10	30	12	FOBS=	0.0	SIGMA=	16.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	10	30	14	FOBS=	152.6	SIGMA=	0.8	PHAS=	51.4	FOM=	0.98	TEST=	0
INDE	10	30	16	FOBS=	229.4	SIGMA=	0.6	PHAS=	5.3	FOM=	0.98	TEST=	0
INDE	10	30	18	FOBS=	77.0	SIGMA=	1.5	PHAS=	22.6	FOM=	0.98	TEST=	0
INDE	10	30	20	FOBS=	35.6	SIGMA=	3.5	PHAS=	164.4	FOM=	0.95	TEST=	0
INDE	10	30	22	FOBS=	131.8	SIGMA=	1.3	PHAS=	115.0	FOM=	0.67	TEST=	0
INDE	10	30	24	FOBS=	396.5	SIGMA=	0.8	PHAS=	86.9	FOM=	0.98	TEST=	1
INDE	10	30	26	FOBS=	212.7	SIGMA=	0.9	PHAS=	-7.2	FOM=	0.92	TEST=	0
INDE	10	30	28	FOBS=	222.2	SIGMA=	0.9	PHAS=	29.9	FOM=	0.86	TEST=	0
INDE	10	30	30	FOBS=	178.8	SIGMA=	1.0	PHAS=	10.7	FOM=	0.90	TEST=	0
INDE	10	30	32	FOBS=	256.6	SIGMA=	0.8	PHAS=	-173.8	FOM=	0.99	TEST=	0
INDE	10	30	34	FOBS=	262.8	SIGMA=	0.8	PHAS=	105.1	FOM=	0.97	TEST=	0
INDE	10	30	36	FOBS=	46.3	SIGMA=	4.6	PHAS=	-78.9	FOM=	0.67	TEST=	0
INDE	10	30	38	FOBS=	289.7	SIGMA=	1.0	PHAS=	-116.7	FOM=	0.97	TEST=	0
INDE	10	30	40	FOBS=	211.5	SIGMA=	1.2	PHAS=	-123.1	FOM=	0.89	TEST=	0
INDE	10	30	42	FOBS=	69.8	SIGMA=	3.1	PHAS=	-146.0	FOM=	0.64	TEST=	0
INDE	10	30	44	FOBS=	116.0	SIGMA=	1.8	PHAS=	167.2	FOM=	0.82	TEST=	0
INDE	10	30	46	FOBS=	198.3	SIGMA=	1.1	PHAS=	104.1	FOM=	0.96	TEST=	0
INDE	10	30	48	FOBS=	152.7	SIGMA=	1.4	PHAS=	87.0	FOM=	0.90	TEST=	0
INDE	10	30	50	FOBS=	86.9	SIGMA=	2.1	PHAS=	66.8	FOM=	0.89	TEST=	0
INDE	10	30	52	FOBS=	147.6	SIGMA=	1.2	PHAS=	47.2	FOM=	0.78	TEST=	1
INDE	10	30	54	FOBS=	27.2	SIGMA=	7.5	PHAS=	-94.9	FOM=	0.70	TEST=	0
INDE	10	30	56	FOBS=	0.0	SIGMA=	18.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	30	58	FOBS=	61.7	SIGMA=	3.0	PHAS=	51.5	FOM=	0.65	TEST=	0
INDE	10	30	60	FOBS=	127.2	SIGMA=	1.3	PHAS=	-102.3	FOM=	0.94	TEST=	0
INDE	10	30	62	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	30	64	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	30	66	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	30	68	FOBS=	36.0	SIGMA=	14.0	PHAS=	154.8	FOM=	0.10	TEST=	1
INDE	10	30	70	FOBS=	40.5	SIGMA=	12.8	PHAS=	-133.9	FOM=	0.88	TEST=	0
INDE	10	31	11	FOBS=	238.8	SIGMA=	0.6	PHAS=	75.8	FOM=	0.95	TEST=	0
INDE	10	31	13	FOBS=	208.6	SIGMA=	0.7	PHAS=	-163.6	FOM=	0.99	TEST=	0
INDE	10	31	15	FOBS=	96.4	SIGMA=	1.3	PHAS=	-91.8	FOM=	0.89	TEST=	0
INDE	10	31	17	FOBS=	90.1	SIGMA=	1.5	PHAS=	-11.3	FOM=	0.98	TEST=	0
INDE	10	31	19	FOBS=	58.5	SIGMA=	2.2	PHAS=	74.7	FOM=	0.73	TEST=	0
INDE	10	31	21	FOBS=	242.0	SIGMA=	0.7	PHAS=	-3.5	FOM=	0.98	TEST=	0

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INDE	10	31	23	FOBS=	309.9	SIGMA=	0.8	PHAS=	-12.4	FOM=	0.96	TEST=	0
INDE	10	31	25	FOBS=	250.5	SIGMA=	0.8	PHAS=	-32.6	FOM=	0.98	TEST=	0
INDE	10	31	27	FOBS=	192.2	SIGMA=	1.0	PHAS=	-146.3	FOM=	0.94	TEST=	0
INDE	10	31	29	FOBS=	220.4	SIGMA=	0.8	PHAS=	-114.7	FOM=	0.98	TEST=	0
INDE	10	31	31	FOBS=	141.9	SIGMA=	1.3	PHAS=	-148.0	FOM=	0.75	TEST=	0
INDE	10	31	33	FOBS=	224.0	SIGMA=	0.9	PHAS=	47.3	FOM=	0.93	TEST=	0
INDE	10	31	35	FOBS=	223.3	SIGMA=	1.0	PHAS=	-39.0	FOM=	0.97	TEST=	0
INDE	10	31	37	FOBS=	166.8	SIGMA=	1.2	PHAS=	152.4	FOM=	0.61	TEST=	1
INDE	10	31	39	FOBS=	12.7	SIGMA=	18.5	PHAS=	9.5	FOM=	0.08	TEST=	1
INDE	10	31	41	FOBS=	130.9	SIGMA=	1.8	PHAS=	99.2	FOM=	0.43	TEST=	1
INDE	10	31	43	FOBS=	170.4	SIGMA=	1.4	PHAS=	77.2	FOM=	0.93	TEST=	0
INDE	10	31	45	FOBS=	160.7	SIGMA=	1.3	PHAS=	-12.5	FOM=	0.93	TEST=	0
INDE	10	31	47	FOBS=	112.7	SIGMA=	1.8	PHAS=	-50.8	FOM=	0.92	TEST=	0
INDE	10	31	49	FOBS=	155.1	SIGMA=	1.3	PHAS=	-11.4	FOM=	0.96	TEST=	0
INDE	10	31	51	FOBS=	136.6	SIGMA=	1.5	PHAS=	-35.7	FOM=	0.92	TEST=	0
INDE	10	31	53	FOBS=	46.4	SIGMA=	3.9	PHAS=	-81.4	FOM=	0.92	TEST=	1
INDE	10	31	55	FOBS=	120.6	SIGMA=	1.5	PHAS=	-89.1	FOM=	0.95	TEST=	0
INDE	10	31	57	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	31	59	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	31	61	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	31	63	FOBS=	19.2	SIGMA=	10.5	PHAS=	-14.9	FOM=	0.23	TEST=	0
INDE	10	31	65	FOBS=	47.3	SIGMA=	5.1	PHAS=	131.5	FOM=	0.86	TEST=	0
INDE	10	31	67	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	31	69	FOBS=	81.5	SIGMA=	6.4	PHAS=	161.8	FOM=	0.92	TEST=	0
INDE	10	32	10	FOBS=	87.3	SIGMA=	1.1	PHAS=	91.9	FOM=	0.99	TEST=	0
INDE	10	32	12	FOBS=	82.2	SIGMA=	1.4	PHAS=	18.9	FOM=	0.92	TEST=	0
INDE	10	32	14	FOBS=	388.4	SIGMA=	0.5	PHAS=	85.6	FOM=	0.97	TEST=	0
INDE	10	32	16	FOBS=	264.5	SIGMA=	0.6	PHAS=	-31.5	FOM=	0.97	TEST=	0
INDE	10	32	18	FOBS=	202.8	SIGMA=	0.8	PHAS=	-17.7	FOM=	0.92	TEST=	0
INDE	10	32	20	FOBS=	100.3	SIGMA=	1.4	PHAS=	25.1	FOM=	0.82	TEST=	0
INDE	10	32	22	FOBS=	256.1	SIGMA=	0.8	PHAS=	-85.5	FOM=	0.97	TEST=	0
INDE	10	32	24	FOBS=	95.6	SIGMA=	2.0	PHAS=	-27.0	FOM=	0.74	TEST=	0
INDE	10	32	26	FOBS=	92.1	SIGMA=	1.9	PHAS=	-63.5	FOM=	0.80	TEST=	0
INDE	10	32	28	FOBS=	442.5	SIGMA=	0.9	PHAS=	93.6	FOM=	0.97	TEST=	0
INDE	10	32	30	FOBS=	71.4	SIGMA=	2.4	PHAS=	-156.7	FOM=	0.90	TEST=	0
INDE	10	32	32	FOBS=	300.0	SIGMA=	0.8	PHAS=	176.5	FOM=	0.94	TEST=	0
INDE	10	32	34	FOBS=	246.1	SIGMA=	1.1	PHAS=	-123.1	FOM=	0.86	TEST=	0
INDE	10	32	36	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	32	38	FOBS=	62.8	SIGMA=	3.2	PHAS=	57.5	FOM=	0.68	TEST=	0
INDE	10	32	40	FOBS=	77.7	SIGMA=	3.0	PHAS=	-150.5	FOM=	0.92	TEST=	0
INDE	10	32	42	FOBS=	158.1	SIGMA=	1.6	PHAS=	41.3	FOM=	0.92	TEST=	0
INDE	10	32	44	FOBS=	135.7	SIGMA=	1.7	PHAS=	4.5	FOM=	0.76	TEST=	0
INDE	10	32	46	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	32	48	FOBS=	167.1	SIGMA=	1.3	PHAS=	-139.5	FOM=	0.93	TEST=	0
INDE	10	32	50	FOBS=	109.5	SIGMA=	1.8	PHAS=	-134.0	FOM=	0.87	TEST=	0
INDE	10	32	52	FOBS=	43.1	SIGMA=	4.4	PHAS=	20.8	FOM=	0.69	TEST=	0
INDE	10	32	54	FOBS=	52.1	SIGMA=	3.6	PHAS=	167.9	FOM=	0.81	TEST=	0
INDE	10	32	56	FOBS=	45.5	SIGMA=	4.0	PHAS=	124.8	FOM=	0.58	TEST=	0
INDE	10	32	58	FOBS=	58.4	SIGMA=	3.1	PHAS=	60.0	FOM=	0.71	TEST=	0
INDE	10	32	60	FOBS=	56.7	SIGMA=	3.0	PHAS=	-94.3	FOM=	0.78	TEST=	0
INDE	10	32	62	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	32	64	FOBS=	49.9	SIGMA=	3.9	PHAS=	38.5	FOM=	0.77	TEST=	0
INDE	10	32	66	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	32	68	FOBS=	46.8	SIGMA=	5.7	PHAS=	104.8	FOM=	0.15	TEST=	1
INDE	10	33	11	FOBS=	143.7	SIGMA=	0.8	PHAS=	143.6	FOM=	0.85	TEST=	0
INDE	10	33	13	FOBS=	289.8	SIGMA=	0.6	PHAS=	-74.2	FOM=	0.96	TEST=	0
INDE	10	33	15	FOBS=	376.5	SIGMA=	0.6	PHAS=	-23.0	FOM=	0.97	TEST=	0
INDE	10	33	17	FOBS=	111.3	SIGMA=	1.2	PHAS=	-41.8	FOM=	0.92	TEST=	0
INDE	10	33	19	FOBS=	366.8	SIGMA=	0.6	PHAS=	-54.5	FOM=	0.97	TEST=	0
INDE	10	33	21	FOBS=	102.1	SIGMA=	1.5	PHAS=	22.8	FOM=	0.84	TEST=	0
INDE	10	33	23	FOBS=	164.5	SIGMA=	1.0	PHAS=	106.9	FOM=	0.96	TEST=	0
INDE	10	33	25	FOBS=	53.1	SIGMA=	3.7	PHAS=	-13.2	FOM=	0.90	TEST=	0
INDE	10	33	27	FOBS=	42.6	SIGMA=	4.3	PHAS=	9.9	FOM=	0.28	TEST=	0
INDE	10	33	29	FOBS=	89.4	SIGMA=	2.2	PHAS=	158.4	FOM=	0.86	TEST=	0
INDE	10	33	31	FOBS=	126.8	SIGMA=	1.6	PHAS=	134.7	FOM=	0.89	TEST=	0
INDE	10	33	33	FOBS=	133.0	SIGMA=	1.7	PHAS=	98.2	FOM=	0.84	TEST=	0
INDE	10	33	35	FOBS=	92.9	SIGMA=	2.2	PHAS=	-120.4	FOM=	0.85	TEST=	0
INDE	10	33	37	FOBS=	182.7	SIGMA=	1.2	PHAS=	88.4	FOM=	0.92	TEST=	0
INDE	10	33	39	FOBS=	67.4	SIGMA=	2.8	PHAS=	54.4	FOM=	0.66	TEST=	0
INDE	10	33	41	FOBS=	161.7	SIGMA=	1.5	PHAS=	27.9	FOM=	0.94	TEST=	0

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INDE	10	33	43	FOBS=	124.8	SIGMA=	1.9	PHAS=	-165.2	FOM=	0.88	TEST=	0
INDE	10	33	45	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	33	47	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	33	49	FOBS=	30.0	SIGMA=	6.3	PHAS=	-91.0	FOM=	0.28	TEST=	1
INDE	10	33	51	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	33	53	FOBS=	75.0	SIGMA=	2.5	PHAS=	169.6	FOM=	0.92	TEST=	0
INDE	10	33	55	FOBS=	58.5	SIGMA=	3.6	PHAS=	-36.2	FOM=	0.33	TEST=	1
INDE	10	33	57	FOBS=	43.6	SIGMA=	4.8	PHAS=	-3.0	FOM=	0.26	TEST=	0
INDE	10	33	59	FOBS=	29.3	SIGMA=	7.0	PHAS=	-50.9	FOM=	0.64	TEST=	0
INDE	10	33	61	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	33	63	FOBS=	56.6	SIGMA=	3.0	PHAS=	16.0	FOM=	0.16	TEST=	1
INDE	10	33	65	FOBS=	15.2	SIGMA=	14.1	PHAS=	-172.5	FOM=	0.41	TEST=	0
INDE	10	33	67	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	33	69	FOBS=	15.3	SIGMA=	34.7	PHAS=	-176.3	FOM=	0.31	TEST=	0
INDE	10	34	10	FOBS=	86.5	SIGMA=	1.2	PHAS=	36.9	FOM=	0.88	TEST=	0
INDE	10	34	12	FOBS=	251.4	SIGMA=	0.7	PHAS=	-107.5	FOM=	0.94	TEST=	0
INDE	10	34	14	FOBS=	457.4	SIGMA=	0.6	PHAS=	-134.9	FOM=	0.98	TEST=	0
INDE	10	34	16	FOBS=	139.4	SIGMA=	1.0	PHAS=	61.5	FOM=	0.97	TEST=	0
INDE	10	34	18	FOBS=	123.9	SIGMA=	1.3	PHAS=	-124.6	FOM=	0.42	TEST=	0
INDE	10	34	20	FOBS=	154.2	SIGMA=	1.1	PHAS=	-148.5	FOM=	0.92	TEST=	0
INDE	10	34	22	FOBS=	161.8	SIGMA=	1.0	PHAS=	-71.8	FOM=	0.90	TEST=	0
INDE	10	34	24	FOBS=	25.6	SIGMA=	6.2	PHAS=	-179.3	FOM=	0.07	TEST=	0
INDE	10	34	26	FOBS=	96.0	SIGMA=	2.1	PHAS=	-8.7	FOM=	0.81	TEST=	0
INDE	10	34	28	FOBS=	101.5	SIGMA=	1.9	PHAS=	-176.7	FOM=	0.89	TEST=	0
INDE	10	34	30	FOBS=	197.1	SIGMA=	1.1	PHAS=	136.6	FOM=	0.95	TEST=	0
INDE	10	34	32	FOBS=	96.8	SIGMA=	2.1	PHAS=	106.4	FOM=	0.87	TEST=	1
INDE	10	34	34	FOBS=	91.6	SIGMA=	2.3	PHAS=	-132.0	FOM=	0.83	TEST=	0
INDE	10	34	36	FOBS=	241.3	SIGMA=	1.0	PHAS=	103.7	FOM=	0.93	TEST=	0
INDE	10	34	38	FOBS=	96.4	SIGMA=	2.1	PHAS=	-29.5	FOM=	0.92	TEST=	0
INDE	10	34	40	FOBS=	228.2	SIGMA=	0.9	PHAS=	-60.1	FOM=	0.96	TEST=	0
INDE	10	34	42	FOBS=	35.2	SIGMA=	6.5	PHAS=	-171.9	FOM=	0.68	TEST=	0
INDE	10	34	44	FOBS=	81.4	SIGMA=	2.8	PHAS=	94.4	FOM=	0.83	TEST=	0
INDE	10	34	46	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	34	48	FOBS=	137.1	SIGMA=	1.7	PHAS=	179.3	FOM=	0.56	TEST=	1
INDE	10	34	50	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	34	52	FOBS=	131.5	SIGMA=	1.5	PHAS=	75.7	FOM=	0.95	TEST=	0
INDE	10	34	54	FOBS=	136.0	SIGMA=	1.8	PHAS=	59.9	FOM=	0.93	TEST=	0
INDE	10	34	56	FOBS=	35.2	SIGMA=	6.7	PHAS=	162.7	FOM=	0.49	TEST=	0
INDE	10	34	58	FOBS=	40.8	SIGMA=	5.1	PHAS=	53.5	FOM=	0.50	TEST=	0
INDE	10	34	60	FOBS=	17.9	SIGMA=	11.0	PHAS=	132.9	FOM=	0.09	TEST=	0
INDE	10	34	62	FOBS=	18.8	SIGMA=	9.2	PHAS=	-58.6	FOM=	0.42	TEST=	0
INDE	10	34	64	FOBS=	33.9	SIGMA=	5.1	PHAS=	-24.9	FOM=	0.05	TEST=	0
INDE	10	34	66	FOBS=	35.0	SIGMA=	5.8	PHAS=	168.3	FOM=	0.59	TEST=	0
INDE	10	34	68	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	35	11	FOBS=	383.6	SIGMA=	0.6	PHAS=	130.9	FOM=	0.96	TEST=	0
INDE	10	35	13	FOBS=	289.6	SIGMA=	0.6	PHAS=	150.1	FOM=	0.97	TEST=	0
INDE	10	35	15	FOBS=	396.0	SIGMA=	0.7	PHAS=	21.6	FOM=	0.97	TEST=	0
INDE	10	35	17	FOBS=	394.3	SIGMA=	0.6	PHAS=	-5.4	FOM=	0.97	TEST=	0
INDE	10	35	19	FOBS=	219.7	SIGMA=	0.9	PHAS=	-29.0	FOM=	0.98	TEST=	0
INDE	10	35	21	FOBS=	259.4	SIGMA=	0.8	PHAS=	97.1	FOM=	0.95	TEST=	0
INDE	10	35	23	FOBS=	229.7	SIGMA=	0.9	PHAS=	132.7	FOM=	0.85	TEST=	0
INDE	10	35	25	FOBS=	85.7	SIGMA=	2.6	PHAS=	-30.3	FOM=	0.94	TEST=	0
INDE	10	35	27	FOBS=	98.4	SIGMA=	2.0	PHAS=	145.6	FOM=	0.81	TEST=	1
INDE	10	35	29	FOBS=	225.9	SIGMA=	1.0	PHAS=	157.9	FOM=	0.96	TEST=	0
INDE	10	35	31	FOBS=	100.3	SIGMA=	2.0	PHAS=	56.9	FOM=	0.69	TEST=	0
INDE	10	35	33	FOBS=	99.2	SIGMA=	2.2	PHAS=	33.3	FOM=	0.89	TEST=	1
INDE	10	35	35	FOBS=	150.2	SIGMA=	1.4	PHAS=	157.5	FOM=	0.40	TEST=	0
INDE	10	35	37	FOBS=	87.3	SIGMA=	2.3	PHAS=	47.3	FOM=	0.43	TEST=	0
INDE	10	35	39	FOBS=	181.1	SIGMA=	1.2	PHAS=	-158.5	FOM=	0.94	TEST=	0
INDE	10	35	41	FOBS=	154.3	SIGMA=	1.3	PHAS=	-101.9	FOM=	0.93	TEST=	0
INDE	10	35	43	FOBS=	93.4	SIGMA=	2.5	PHAS=	-58.3	FOM=	0.68	TEST=	0
INDE	10	35	45	FOBS=	107.8	SIGMA=	2.2	PHAS=	-65.9	FOM=	0.56	TEST=	0
INDE	10	35	47	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	35	49	FOBS=	63.2	SIGMA=	3.5	PHAS=	133.4	FOM=	0.63	TEST=	0
INDE	10	35	51	FOBS=	55.1	SIGMA=	3.9	PHAS=	-52.8	FOM=	0.24	TEST=	0
INDE	10	35	53	FOBS=	56.2	SIGMA=	3.8	PHAS=	-34.6	FOM=	0.66	TEST=	0
INDE	10	35	55	FOBS=	128.3	SIGMA=	1.7	PHAS=	10.5	FOM=	0.90	TEST=	0
INDE	10	35	57	FOBS=	90.8	SIGMA=	2.4	PHAS=	-9.5	FOM=	0.91	TEST=	0
INDE	10	35	59	FOBS=	34.4	SIGMA=	6.0	PHAS=	-3.8	FOM=	0.47	TEST=	1
INDE	10	35	61	FOBS=	54.7	SIGMA=	3.2	PHAS=	115.2	FOM=	0.15	TEST=	1

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INDE	10	35	63	FOBS=	75.0	SIGMA=	2.4	PHAS=	149.4	FOM=	0.11	TEST=	1
INDE	10	35	65	FOBS=	40.9	SIGMA=	5.1	PHAS=	-151.1	FOM=	0.39	TEST=	0
INDE	10	35	67	FOBS=	62.7	SIGMA=	3.6	PHAS=	-167.2	FOM=	0.84	TEST=	0
INDE	10	36	10	FOBS=	172.6	SIGMA=	0.8	PHAS=	76.4	FOM=	0.92	TEST=	0
INDE	10	36	12	FOBS=	244.7	SIGMA=	0.8	PHAS=	4.4	FOM=	0.96	TEST=	1
INDE	10	36	14	FOBS=	47.6	SIGMA=	2.9	PHAS=	-45.2	FOM=	0.41	TEST=	0
INDE	10	36	16	FOBS=	234.9	SIGMA=	0.9	PHAS=	-56.9	FOM=	0.89	TEST=	0
INDE	10	36	18	FOBS=	417.5	SIGMA=	0.7	PHAS=	-54.4	FOM=	0.98	TEST=	0
INDE	10	36	20	FOBS=	313.8	SIGMA=	0.7	PHAS=	-36.3	FOM=	0.95	TEST=	0
INDE	10	36	22	FOBS=	395.2	SIGMA=	0.6	PHAS=	62.8	FOM=	0.97	TEST=	0
INDE	10	36	24	FOBS=	55.6	SIGMA=	3.2	PHAS=	97.5	FOM=	0.18	TEST=	0
INDE	10	36	26	FOBS=	192.1	SIGMA=	1.3	PHAS=	51.1	FOM=	0.92	TEST=	0
INDE	10	36	28	FOBS=	161.9	SIGMA=	1.4	PHAS=	-1.0	FOM=	0.97	TEST=	0
INDE	10	36	30	FOBS=	211.4	SIGMA=	1.2	PHAS=	161.6	FOM=	0.95	TEST=	0
INDE	10	36	32	FOBS=	56.2	SIGMA=	3.6	PHAS=	-161.5	FOM=	0.23	TEST=	0
INDE	10	36	34	FOBS=	160.5	SIGMA=	1.3	PHAS=	-52.3	FOM=	0.95	TEST=	0
INDE	10	36	36	FOBS=	152.7	SIGMA=	1.5	PHAS=	58.8	FOM=	0.90	TEST=	0
INDE	10	36	38	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	36	40	FOBS=	162.5	SIGMA=	1.2	PHAS=	115.3	FOM=	0.90	TEST=	0
INDE	10	36	42	FOBS=	187.3	SIGMA=	1.1	PHAS=	142.6	FOM=	0.96	TEST=	0
INDE	10	36	44	FOBS=	44.1	SIGMA=	5.1	PHAS=	-164.5	FOM=	0.69	TEST=	0
INDE	10	36	46	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	36	48	FOBS=	69.6	SIGMA=	3.2	PHAS=	97.8	FOM=	0.86	TEST=	0
INDE	10	36	50	FOBS=	43.6	SIGMA=	5.0	PHAS=	-74.9	FOM=	0.47	TEST=	0
INDE	10	36	52	FOBS=	9.8	SIGMA=	23.9	PHAS=	64.7	FOM=	0.51	TEST=	0
INDE	10	36	54	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	36	56	FOBS=	97.4	SIGMA=	2.2	PHAS=	-100.0	FOM=	0.95	TEST=	0
INDE	10	36	58	FOBS=	44.8	SIGMA=	4.6	PHAS=	-11.2	FOM=	0.67	TEST=	0
INDE	10	36	60	FOBS=	40.6	SIGMA=	4.3	PHAS=	-31.8	FOM=	0.62	TEST=	0
INDE	10	36	62	FOBS=	58.0	SIGMA=	3.1	PHAS=	138.4	FOM=	0.83	TEST=	0
INDE	10	36	64	FOBS=	63.7	SIGMA=	2.8	PHAS=	-99.1	FOM=	0.45	TEST=	0
INDE	10	36	66	FOBS=	58.9	SIGMA=	3.9	PHAS=	132.1	FOM=	0.86	TEST=	0
INDE	10	36	68	FOBS=	15.0	SIGMA=	15.3	PHAS=	-119.3	FOM=	0.07	TEST=	1
INDE	10	37	11	FOBS=	103.5	SIGMA=	1.2	PHAS=	-136.8	FOM=	0.97	TEST=	0
INDE	10	37	13	FOBS=	178.8	SIGMA=	0.9	PHAS=	-142.9	FOM=	0.83	TEST=	0
INDE	10	37	15	FOBS=	109.4	SIGMA=	1.4	PHAS=	73.3	FOM=	0.90	TEST=	0
INDE	10	37	17	FOBS=	176.9	SIGMA=	1.0	PHAS=	-114.2	FOM=	0.96	TEST=	1
INDE	10	37	19	FOBS=	377.8	SIGMA=	0.7	PHAS=	0.1	FOM=	0.80	TEST=	1
INDE	10	37	21	FOBS=	141.6	SIGMA=	1.4	PHAS=	-60.8	FOM=	0.93	TEST=	1
INDE	10	37	23	FOBS=	253.1	SIGMA=	0.9	PHAS=	-84.4	FOM=	0.95	TEST=	0
INDE	10	37	25	FOBS=	206.3	SIGMA=	1.0	PHAS=	67.4	FOM=	0.94	TEST=	0
INDE	10	37	27	FOBS=	23.8	SIGMA=	11.9	PHAS=	-36.3	FOM=	0.09	TEST=	0
INDE	10	37	29	FOBS=	61.5	SIGMA=	3.6	PHAS=	-143.1	FOM=	0.24	TEST=	1
INDE	10	37	31	FOBS=	238.8	SIGMA=	1.1	PHAS=	100.6	FOM=	0.96	TEST=	0
INDE	10	37	33	FOBS=	133.4	SIGMA=	1.6	PHAS=	147.5	FOM=	0.83	TEST=	0
INDE	10	37	35	FOBS=	167.3	SIGMA=	1.3	PHAS=	-133.8	FOM=	0.97	TEST=	0
INDE	10	37	37	FOBS=	51.8	SIGMA=	3.8	PHAS=	82.5	FOM=	0.26	TEST=	1
INDE	10	37	39	FOBS=	83.8	SIGMA=	2.3	PHAS=	127.7	FOM=	0.80	TEST=	0
INDE	10	37	41	FOBS=	252.2	SIGMA=	1.0	PHAS=	22.6	FOM=	0.96	TEST=	0
INDE	10	37	43	FOBS=	39.2	SIGMA=	4.7	PHAS=	20.8	FOM=	0.66	TEST=	0
INDE	10	37	45	FOBS=	60.5	SIGMA=	3.7	PHAS=	-44.1	FOM=	0.82	TEST=	0
INDE	10	37	47	FOBS=	147.1	SIGMA=	1.6	PHAS=	-12.9	FOM=	0.95	TEST=	0
INDE	10	37	49	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	37	51	FOBS=	60.4	SIGMA=	3.6	PHAS=	97.9	FOM=	0.86	TEST=	0
INDE	10	37	53	FOBS=	0.0	SIGMA=	24.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	37	55	FOBS=	35.9	SIGMA=	8.1	PHAS=	104.4	FOM=	0.34	TEST=	0
INDE	10	37	57	FOBS=	22.3	SIGMA=	11.2	PHAS=	120.1	FOM=	0.20	TEST=	0
INDE	10	37	59	FOBS=	40.6	SIGMA=	5.2	PHAS=	171.4	FOM=	0.46	TEST=	0
INDE	10	37	61	FOBS=	57.3	SIGMA=	3.1	PHAS=	27.8	FOM=	0.66	TEST=	0
INDE	10	37	63	FOBS=	55.4	SIGMA=	3.3	PHAS=	27.9	FOM=	0.60	TEST=	0
INDE	10	37	65	FOBS=	44.4	SIGMA=	5.1	PHAS=	86.6	FOM=	0.13	TEST=	0
INDE	10	37	67	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	38	10	FOBS=	86.9	SIGMA=	1.7	PHAS=	128.4	FOM=	0.94	TEST=	0
INDE	10	38	12	FOBS=	234.9	SIGMA=	0.8	PHAS=	165.5	FOM=	0.94	TEST=	1
INDE	10	38	14	FOBS=	259.2	SIGMA=	0.7	PHAS=	83.3	FOM=	0.93	TEST=	0
INDE	10	38	16	FOBS=	90.6	SIGMA=	1.8	PHAS=	114.1	FOM=	0.70	TEST=	0
INDE	10	38	18	FOBS=	135.9	SIGMA=	1.3	PHAS=	25.6	FOM=	0.98	TEST=	0
INDE	10	38	20	FOBS=	160.3	SIGMA=	1.2	PHAS=	174.2	FOM=	0.98	TEST=	1
INDE	10	38	22	FOBS=	248.6	SIGMA=	0.9	PHAS=	153.6	FOM=	0.96	TEST=	0
INDE	10	38	24	FOBS=	62.1	SIGMA=	3.1	PHAS=	100.4	FOM=	0.23	TEST=	0

INDE	10	38	26	FOBS=	43.9	SIGMA=	4.5	PHAS=	128.0	FOM=	0.84	TEST=	0
INDE	10	38	28	FOBS=	78.5	SIGMA=	3.3	PHAS=	-140.9	FOM=	0.85	TEST=	0
INDE	10	38	30	FOBS=	27.1	SIGMA=	9.1	PHAS=	38.5	FOM=	0.29	TEST=	0
INDE	10	38	32	FOBS=	142.3	SIGMA=	1.6	PHAS=	11.5	FOM=	0.92	TEST=	0
INDE	10	38	34	FOBS=	209.0	SIGMA=	1.1	PHAS=	74.8	FOM=	0.95	TEST=	0
INDE	10	38	36	FOBS=	173.3	SIGMA=	1.2	PHAS=	71.4	FOM=	0.92	TEST=	0
INDE	10	38	38	FOBS=	118.5	SIGMA=	1.7	PHAS=	91.1	FOM=	0.92	TEST=	0
INDE	10	38	40	FOBS=	167.1	SIGMA=	1.3	PHAS=	-17.1	FOM=	0.88	TEST=	0
INDE	10	38	42	FOBS=	105.9	SIGMA=	1.8	PHAS=	-52.4	FOM=	0.90	TEST=	0
INDE	10	38	44	FOBS=	64.5	SIGMA=	2.9	PHAS=	-102.9	FOM=	0.64	TEST=	0
INDE	10	38	46	FOBS=	243.5	SIGMA=	1.2	PHAS=	-107.4	FOM=	0.96	TEST=	0
INDE	10	38	48	FOBS=	113.7	SIGMA=	2.0	PHAS=	-63.1	FOM=	0.92	TEST=	0
INDE	10	38	50	FOBS=	76.0	SIGMA=	2.9	PHAS=	-85.2	FOM=	0.79	TEST=	0
INDE	10	38	52	FOBS=	158.2	SIGMA=	1.5	PHAS=	-18.2	FOM=	0.97	TEST=	0
INDE	10	38	54	FOBS=	50.0	SIGMA=	4.3	PHAS=	3.9	FOM=	0.58	TEST=	0
INDE	10	38	56	FOBS=	18.6	SIGMA=	12.3	PHAS=	-170.3	FOM=	0.39	TEST=	0
INDE	10	38	58	FOBS=	139.6	SIGMA=	1.6	PHAS=	60.5	FOM=	0.97	TEST=	0
INDE	10	38	60	FOBS=	26.2	SIGMA=	8.9	PHAS=	-174.5	FOM=	0.35	TEST=	0
INDE	10	38	62	FOBS=	77.4	SIGMA=	2.4	PHAS=	174.1	FOM=	0.01	TEST=	1
INDE	10	38	64	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	38	66	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	39	11	FOBS=	384.2	SIGMA=	0.7	PHAS=	78.7	FOM=	0.97	TEST=	0
INDE	10	39	13	FOBS=	202.9	SIGMA=	0.9	PHAS=	64.2	FOM=	0.88	TEST=	0
INDE	10	39	15	FOBS=	119.3	SIGMA=	1.4	PHAS=	10.0	FOM=	0.80	TEST=	0
INDE	10	39	17	FOBS=	193.9	SIGMA=	1.0	PHAS=	-82.3	FOM=	0.98	TEST=	0
INDE	10	39	19	FOBS=	50.8	SIGMA=	4.0	PHAS=	-73.5	FOM=	0.61	TEST=	0
INDE	10	39	21	FOBS=	226.1	SIGMA=	0.9	PHAS=	77.9	FOM=	0.95	TEST=	0
INDE	10	39	23	FOBS=	123.5	SIGMA=	1.7	PHAS=	-106.1	FOM=	0.93	TEST=	0
INDE	10	39	25	FOBS=	195.6	SIGMA=	1.1	PHAS=	45.1	FOM=	0.95	TEST=	0
INDE	10	39	27	FOBS=	134.1	SIGMA=	1.7	PHAS=	146.0	FOM=	0.93	TEST=	0
INDE	10	39	29	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	39	31	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	39	33	FOBS=	204.6	SIGMA=	1.1	PHAS=	-135.3	FOM=	0.96	TEST=	0
INDE	10	39	35	FOBS=	196.4	SIGMA=	1.1	PHAS=	-81.8	FOM=	0.96	TEST=	0
INDE	10	39	37	FOBS=	149.3	SIGMA=	1.4	PHAS=	48.8	FOM=	0.92	TEST=	0
INDE	10	39	39	FOBS=	211.3	SIGMA=	1.0	PHAS=	-1.3	FOM=	0.91	TEST=	0
INDE	10	39	41	FOBS=	61.3	SIGMA=	3.1	PHAS=	-32.6	FOM=	0.64	TEST=	0
INDE	10	39	43	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	10	39	45	FOBS=	135.4	SIGMA=	1.4	PHAS=	169.7	FOM=	0.95	TEST=	0
INDE	10	39	47	FOBS=	87.8	SIGMA=	2.6	PHAS=	-104.3	FOM=	0.83	TEST=	0
INDE	10	39	49	FOBS=	72.4	SIGMA=	3.1	PHAS=	170.0	FOM=	0.53	TEST=	0
INDE	10	39	51	FOBS=	117.5	SIGMA=	1.9	PHAS=	176.0	FOM=	0.92	TEST=	0
INDE	10	39	53	FOBS=	26.0	SIGMA=	9.3	PHAS=	-177.1	FOM=	0.61	TEST=	0
INDE	10	39	55	FOBS=	49.2	SIGMA=	4.3	PHAS=	61.8	FOM=	0.45	TEST=	0
INDE	10	39	57	FOBS=	128.1	SIGMA=	1.8	PHAS=	8.3	FOM=	0.94	TEST=	0
INDE	10	39	59	FOBS=	43.0	SIGMA=	4.9	PHAS=	-23.8	FOM=	0.45	TEST=	0
INDE	10	39	61	FOBS=	46.4	SIGMA=	4.0	PHAS=	-165.9	FOM=	0.58	TEST=	0
INDE	10	39	63	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	39	65	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	40	10	FOBS=	343.2	SIGMA=	0.9	PHAS=	-14.0	FOM=	0.97	TEST=	0
INDE	10	40	12	FOBS=	144.4	SIGMA=	1.2	PHAS=	-42.8	FOM=	0.93	TEST=	0
INDE	10	40	14	FOBS=	22.4	SIGMA=	7.4	PHAS=	148.1	FOM=	0.13	TEST=	0
INDE	10	40	16	FOBS=	107.9	SIGMA=	1.6	PHAS=	-131.0	FOM=	0.91	TEST=	0
INDE	10	40	18	FOBS=	235.4	SIGMA=	0.9	PHAS=	95.4	FOM=	0.89	TEST=	1
INDE	10	40	20	FOBS=	154.4	SIGMA=	1.3	PHAS=	-98.1	FOM=	0.96	TEST=	0
INDE	10	40	22	FOBS=	178.9	SIGMA=	1.2	PHAS=	-100.8	FOM=	0.91	TEST=	0
INDE	10	40	24	FOBS=	225.2	SIGMA=	1.0	PHAS=	64.7	FOM=	0.94	TEST=	0
INDE	10	40	26	FOBS=	45.0	SIGMA=	4.7	PHAS=	-49.5	FOM=	0.54	TEST=	0
INDE	10	40	28	FOBS=	269.8	SIGMA=	0.9	PHAS=	123.1	FOM=	0.94	TEST=	0
INDE	10	40	30	FOBS=	125.0	SIGMA=	1.8	PHAS=	1.8	FOM=	0.33	TEST=	1
INDE	10	40	32	FOBS=	223.7	SIGMA=	1.1	PHAS=	172.1	FOM=	0.95	TEST=	1
INDE	10	40	34	FOBS=	258.0	SIGMA=	1.0	PHAS=	97.8	FOM=	0.98	TEST=	0
INDE	10	40	36	FOBS=	219.8	SIGMA=	1.0	PHAS=	6.5	FOM=	0.97	TEST=	0
INDE	10	40	38	FOBS=	153.6	SIGMA=	1.4	PHAS=	154.9	FOM=	0.47	TEST=	1
INDE	10	40	40	FOBS=	61.8	SIGMA=	3.1	PHAS=	-92.8	FOM=	0.31	TEST=	0
INDE	10	40	42	FOBS=	99.3	SIGMA=	2.0	PHAS=	-99.3	FOM=	0.90	TEST=	0
INDE	10	40	44	FOBS=	54.4	SIGMA=	3.4	PHAS=	21.9	FOM=	0.91	TEST=	0
INDE	10	40	46	FOBS=	49.7	SIGMA=	3.7	PHAS=	-67.3	FOM=	0.31	TEST=	0
INDE	10	40	48	FOBS=	103.4	SIGMA=	2.2	PHAS=	-42.2	FOM=	0.89	TEST=	0
INDE	10	40	50	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	10	40	52	FOBS=	64.1	SIGMA=	3.4	PHAS=	53.9	FOM=	0.81	TEST=	0
INDE	10	40	54	FOBS=	40.8	SIGMA=	5.9	PHAS=	7.5	FOM=	0.66	TEST=	0
INDE	10	40	56	FOBS=	104.6	SIGMA=	2.1	PHAS=	-119.9	FOM=	0.91	TEST=	0
INDE	10	40	58	FOBS=	73.4	SIGMA=	3.0	PHAS=	-8.5	FOM=	0.89	TEST=	0
INDE	10	40	60	FOBS=	130.2	SIGMA=	1.5	PHAS=	144.5	FOM=	0.96	TEST=	0
INDE	10	40	62	FOBS=	11.8	SIGMA=	15.5	PHAS=	-7.0	FOM=	0.01	TEST=	1
INDE	10	40	64	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	41	11	FOBS=	186.2	SIGMA=	1.3	PHAS=	-157.8	FOM=	0.93	TEST=	0
INDE	10	41	13	FOBS=	320.5	SIGMA=	0.8	PHAS=	96.5	FOM=	0.96	TEST=	0
INDE	10	41	15	FOBS=	158.5	SIGMA=	1.2	PHAS=	81.6	FOM=	0.87	TEST=	0
INDE	10	41	17	FOBS=	272.0	SIGMA=	0.8	PHAS=	-54.1	FOM=	0.97	TEST=	0
INDE	10	41	19	FOBS=	134.1	SIGMA=	1.6	PHAS=	41.6	FOM=	0.53	TEST=	1
INDE	10	41	21	FOBS=	221.2	SIGMA=	1.0	PHAS=	124.6	FOM=	0.69	TEST=	1
INDE	10	41	23	FOBS=	163.9	SIGMA=	1.5	PHAS=	12.2	FOM=	0.95	TEST=	0
INDE	10	41	25	FOBS=	88.8	SIGMA=	2.5	PHAS=	-10.0	FOM=	0.90	TEST=	0
INDE	10	41	27	FOBS=	69.0	SIGMA=	3.1	PHAS=	-162.1	FOM=	0.85	TEST=	0
INDE	10	41	29	FOBS=	140.9	SIGMA=	1.9	PHAS=	80.3	FOM=	0.79	TEST=	0
INDE	10	41	31	FOBS=	65.1	SIGMA=	3.3	PHAS=	72.4	FOM=	0.59	TEST=	0
INDE	10	41	33	FOBS=	44.6	SIGMA=	4.9	PHAS=	-137.9	FOM=	0.55	TEST=	0
INDE	10	41	35	FOBS=	209.2	SIGMA=	1.0	PHAS=	-48.6	FOM=	0.91	TEST=	0
INDE	10	41	37	FOBS=	114.5	SIGMA=	1.8	PHAS=	-27.2	FOM=	0.96	TEST=	0
INDE	10	41	39	FOBS=	45.6	SIGMA=	4.2	PHAS=	4.5	FOM=	0.89	TEST=	0
INDE	10	41	41	FOBS=	77.8	SIGMA=	2.5	PHAS=	-63.9	FOM=	0.84	TEST=	0
INDE	10	41	43	FOBS=	61.7	SIGMA=	3.1	PHAS=	39.8	FOM=	0.94	TEST=	0
INDE	10	41	45	FOBS=	25.2	SIGMA=	8.2	PHAS=	16.0	FOM=	0.22	TEST=	0
INDE	10	41	47	FOBS=	49.4	SIGMA=	3.6	PHAS=	-75.6	FOM=	0.71	TEST=	0
INDE	10	41	49	FOBS=	71.9	SIGMA=	3.1	PHAS=	50.8	FOM=	0.60	TEST=	0
INDE	10	41	51	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	41	53	FOBS=	52.8	SIGMA=	4.1	PHAS=	92.4	FOM=	0.76	TEST=	0
INDE	10	41	55	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	41	57	FOBS=	77.2	SIGMA=	2.8	PHAS=	-137.8	FOM=	0.91	TEST=	0
INDE	10	41	59	FOBS=	54.5	SIGMA=	4.0	PHAS=	57.3	FOM=	0.74	TEST=	0
INDE	10	41	61	FOBS=	36.2	SIGMA=	5.4	PHAS=	50.7	FOM=	0.81	TEST=	0
INDE	10	41	63	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	41	65	FOBS=	45.9	SIGMA=	4.9	PHAS=	10.2	FOM=	0.40	TEST=	0
INDE	10	42	10	FOBS=	349.6	SIGMA=	0.9	PHAS=	58.0	FOM=	0.98	TEST=	0
INDE	10	42	12	FOBS=	376.7	SIGMA=	0.9	PHAS=	61.0	FOM=	0.96	TEST=	0
INDE	10	42	14	FOBS=	188.5	SIGMA=	1.2	PHAS=	-20.5	FOM=	0.88	TEST=	0
INDE	10	42	16	FOBS=	248.6	SIGMA=	0.9	PHAS=	-119.0	FOM=	0.95	TEST=	0
INDE	10	42	18	FOBS=	231.0	SIGMA=	1.0	PHAS=	14.9	FOM=	0.99	TEST=	0
INDE	10	42	20	FOBS=	110.9	SIGMA=	2.0	PHAS=	13.1	FOM=	0.80	TEST=	0
INDE	10	42	22	FOBS=	176.1	SIGMA=	1.3	PHAS=	-55.9	FOM=	0.96	TEST=	0
INDE	10	42	24	FOBS=	154.1	SIGMA=	1.5	PHAS=	-10.9	FOM=	0.90	TEST=	0
INDE	10	42	26	FOBS=	162.4	SIGMA=	1.4	PHAS=	156.8	FOM=	0.94	TEST=	0
INDE	10	42	28	FOBS=	121.8	SIGMA=	1.8	PHAS=	22.6	FOM=	0.12	TEST=	0
INDE	10	42	30	FOBS=	153.2	SIGMA=	1.7	PHAS=	24.7	FOM=	0.89	TEST=	0
INDE	10	42	32	FOBS=	203.9	SIGMA=	1.2	PHAS=	149.4	FOM=	0.96	TEST=	0
INDE	10	42	34	FOBS=	91.8	SIGMA=	2.4	PHAS=	-146.4	FOM=	0.20	TEST=	0
INDE	10	42	36	FOBS=	40.7	SIGMA=	4.7	PHAS=	-69.8	FOM=	0.66	TEST=	1
INDE	10	42	38	FOBS=	102.9	SIGMA=	1.9	PHAS=	-101.5	FOM=	0.96	TEST=	0
INDE	10	42	40	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	10	42	42	FOBS=	62.3	SIGMA=	3.1	PHAS=	-67.4	FOM=	0.63	TEST=	0
INDE	10	42	44	FOBS=	141.3	SIGMA=	1.4	PHAS=	-85.7	FOM=	0.91	TEST=	0
INDE	10	42	46	FOBS=	96.5	SIGMA=	1.9	PHAS=	-93.5	FOM=	0.94	TEST=	0
INDE	10	42	48	FOBS=	105.3	SIGMA=	1.8	PHAS=	-67.3	FOM=	0.93	TEST=	0
INDE	10	42	50	FOBS=	59.2	SIGMA=	3.7	PHAS=	0.9	FOM=	0.81	TEST=	0
INDE	10	42	52	FOBS=	83.3	SIGMA=	2.7	PHAS=	-24.2	FOM=	0.88	TEST=	0
INDE	10	42	54	FOBS=	31.8	SIGMA=	7.4	PHAS=	92.9	FOM=	0.24	TEST=	0
INDE	10	42	56	FOBS=	113.8	SIGMA=	2.0	PHAS=	145.7	FOM=	0.89	TEST=	0
INDE	10	42	58	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	10	42	60	FOBS=	34.7	SIGMA=	5.5	PHAS=	-18.7	FOM=	0.45	TEST=	0
INDE	10	42	62	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	42	64	FOBS=	50.7	SIGMA=	4.4	PHAS=	-154.3	FOM=	0.78	TEST=	0
INDE	10	43	11	FOBS=	374.2	SIGMA=	1.3	PHAS=	-56.1	FOM=	0.98	TEST=	0
INDE	10	43	13	FOBS=	239.2	SIGMA=	0.9	PHAS=	-30.6	FOM=	0.80	TEST=	1
INDE	10	43	15	FOBS=	193.7	SIGMA=	1.1	PHAS=	165.5	FOM=	0.97	TEST=	0
INDE	10	43	17	FOBS=	236.8	SIGMA=	1.0	PHAS=	-88.5	FOM=	0.96	TEST=	0
INDE	10	43	19	FOBS=	311.7	SIGMA=	0.8	PHAS=	-61.4	FOM=	0.98	TEST=	0
INDE	10	43	21	FOBS=	85.0	SIGMA=	2.5	PHAS=	-79.4	FOM=	0.92	TEST=	0
INDE	10	43	23	FOBS=	219.7	SIGMA=	1.1	PHAS=	-69.2	FOM=	0.94	TEST=	0

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INDE	10	43	25	FOBS=	45.7	SIGMA=	4.7	PHAS=	-18.0	FOM=	0.73	TEST=	0
INDE	10	43	27	FOBS=	35.4	SIGMA=	6.0	PHAS=	179.6	FOM=	0.26	TEST=	0
INDE	10	43	29	FOBS=	31.1	SIGMA=	8.0	PHAS=	-130.9	FOM=	0.16	TEST=	0
INDE	10	43	31	FOBS=	173.7	SIGMA=	1.5	PHAS=	-23.6	FOM=	0.12	TEST=	1
INDE	10	43	33	FOBS=	32.8	SIGMA=	6.8	PHAS=	-109.1	FOM=	0.35	TEST=	0
INDE	10	43	35	FOBS=	58.6	SIGMA=	3.7	PHAS=	109.3	FOM=	0.17	TEST=	0
INDE	10	43	37	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	43	39	FOBS=	11.9	SIGMA=	19.9	PHAS=	-135.5	FOM=	0.18	TEST=	0
INDE	10	43	41	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	43	43	FOBS=	39.8	SIGMA=	5.0	PHAS=	-96.1	FOM=	0.21	TEST=	0
INDE	10	43	45	FOBS=	94.1	SIGMA=	2.0	PHAS=	95.0	FOM=	0.90	TEST=	0
INDE	10	43	47	FOBS=	57.3	SIGMA=	3.2	PHAS=	157.0	FOM=	0.87	TEST=	0
INDE	10	43	49	FOBS=	78.3	SIGMA=	2.4	PHAS=	177.2	FOM=	0.89	TEST=	0
INDE	10	43	51	FOBS=	66.0	SIGMA=	3.3	PHAS=	136.0	FOM=	0.76	TEST=	0
INDE	10	43	53	FOBS=	68.1	SIGMA=	3.3	PHAS=	112.5	FOM=	0.86	TEST=	0
INDE	10	43	55	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	43	57	FOBS=	34.0	SIGMA=	6.4	PHAS=	-69.6	FOM=	0.16	TEST=	1
INDE	10	43	59	FOBS=	36.6	SIGMA=	6.5	PHAS=	-47.7	FOM=	0.68	TEST=	0
INDE	10	43	61	FOBS=	25.3	SIGMA=	8.8	PHAS=	-115.5	FOM=	0.17	TEST=	0
INDE	10	43	63	FOBS=	55.5	SIGMA=	4.1	PHAS=	126.8	FOM=	0.90	TEST=	0
INDE	10	44	10	FOBS=	45.2	SIGMA=	4.3	PHAS=	28.2	FOM=	0.86	TEST=	0
INDE	10	44	12	FOBS=	199.3	SIGMA=	1.4	PHAS=	-165.0	FOM=	0.94	TEST=	0
INDE	10	44	14	FOBS=	251.4	SIGMA=	0.9	PHAS=	-103.0	FOM=	0.96	TEST=	0
INDE	10	44	16	FOBS=	238.5	SIGMA=	1.0	PHAS=	144.4	FOM=	0.96	TEST=	0
INDE	10	44	18	FOBS=	120.2	SIGMA=	1.8	PHAS=	-159.0	FOM=	0.97	TEST=	0
INDE	10	44	20	FOBS=	139.2	SIGMA=	1.7	PHAS=	-153.3	FOM=	0.92	TEST=	0
INDE	10	44	22	FOBS=	155.6	SIGMA=	1.4	PHAS=	-96.2	FOM=	0.92	TEST=	0
INDE	10	44	24	FOBS=	44.2	SIGMA=	4.7	PHAS=	157.3	FOM=	0.29	TEST=	0
INDE	10	44	26	FOBS=	83.4	SIGMA=	2.5	PHAS=	91.1	FOM=	0.60	TEST=	0
INDE	10	44	28	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	44	30	FOBS=	93.3	SIGMA=	2.2	PHAS=	50.7	FOM=	0.84	TEST=	0
INDE	10	44	32	FOBS=	55.4	SIGMA=	4.1	PHAS=	14.2	FOM=	0.10	TEST=	0
INDE	10	44	34	FOBS=	90.5	SIGMA=	2.4	PHAS=	34.6	FOM=	0.91	TEST=	0
INDE	10	44	36	FOBS=	40.5	SIGMA=	5.1	PHAS=	36.0	FOM=	0.62	TEST=	0
INDE	10	44	38	FOBS=	123.4	SIGMA=	1.6	PHAS=	156.9	FOM=	0.84	TEST=	0
INDE	10	44	40	FOBS=	25.1	SIGMA=	7.8	PHAS=	1.5	FOM=	0.45	TEST=	0
INDE	10	44	42	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	44	44	FOBS=	81.6	SIGMA=	2.3	PHAS=	-121.0	FOM=	0.89	TEST=	0
INDE	10	44	46	FOBS=	92.9	SIGMA=	2.1	PHAS=	-74.7	FOM=	0.86	TEST=	0
INDE	10	44	48	FOBS=	57.7	SIGMA=	3.2	PHAS=	21.4	FOM=	0.52	TEST=	0
INDE	10	44	50	FOBS=	90.1	SIGMA=	2.3	PHAS=	51.2	FOM=	0.89	TEST=	0
INDE	10	44	52	FOBS=	105.4	SIGMA=	2.2	PHAS=	6.5	FOM=	0.89	TEST=	0
INDE	10	44	54	FOBS=	74.3	SIGMA=	3.0	PHAS=	84.4	FOM=	0.87	TEST=	0
INDE	10	44	56	FOBS=	62.0	SIGMA=	3.6	PHAS=	166.2	FOM=	0.81	TEST=	0
INDE	10	44	58	FOBS=	63.8	SIGMA=	3.5	PHAS=	-96.7	FOM=	0.88	TEST=	0
INDE	10	44	60	FOBS=	30.0	SIGMA=	6.4	PHAS=	163.0	FOM=	0.43	TEST=	0
INDE	10	44	62	FOBS=	68.5	SIGMA=	3.4	PHAS=	26.6	FOM=	0.75	TEST=	0
INDE	10	45	11	FOBS=	104.7	SIGMA=	2.6	PHAS=	172.9	FOM=	0.79	TEST=	0
INDE	10	45	13	FOBS=	86.5	SIGMA=	3.1	PHAS=	73.8	FOM=	0.88	TEST=	0
INDE	10	45	15	FOBS=	200.6	SIGMA=	1.1	PHAS=	140.5	FOM=	0.94	TEST=	0
INDE	10	45	17	FOBS=	54.4	SIGMA=	3.8	PHAS=	139.5	FOM=	0.32	TEST=	0
INDE	10	45	19	FOBS=	131.9	SIGMA=	1.6	PHAS=	-143.3	FOM=	0.64	TEST=	0
INDE	10	45	21	FOBS=	66.1	SIGMA=	3.1	PHAS=	-123.4	FOM=	0.32	TEST=	0
INDE	10	45	23	FOBS=	119.7	SIGMA=	1.8	PHAS=	-34.7	FOM=	0.88	TEST=	1
INDE	10	45	25	FOBS=	83.5	SIGMA=	2.5	PHAS=	69.3	FOM=	0.65	TEST=	0
INDE	10	45	27	FOBS=	51.7	SIGMA=	4.0	PHAS=	-97.2	FOM=	0.78	TEST=	0
INDE	10	45	29	FOBS=	58.7	SIGMA=	3.5	PHAS=	-120.8	FOM=	0.45	TEST=	0
INDE	10	45	31	FOBS=	103.1	SIGMA=	2.0	PHAS=	-119.0	FOM=	0.50	TEST=	0
INDE	10	45	33	FOBS=	168.7	SIGMA=	1.3	PHAS=	-137.8	FOM=	0.94	TEST=	0
INDE	10	45	35	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	45	37	FOBS=	61.8	SIGMA=	3.1	PHAS=	172.4	FOM=	0.87	TEST=	0
INDE	10	45	39	FOBS=	32.5	SIGMA=	5.8	PHAS=	-97.7	FOM=	0.64	TEST=	0
INDE	10	45	41	FOBS=	51.8	SIGMA=	3.7	PHAS=	177.0	FOM=	0.60	TEST=	0
INDE	10	45	43	FOBS=	71.3	SIGMA=	2.7	PHAS=	133.2	FOM=	0.84	TEST=	0
INDE	10	45	45	FOBS=	201.6	SIGMA=	1.1	PHAS=	125.1	FOM=	0.97	TEST=	0
INDE	10	45	47	FOBS=	88.3	SIGMA=	2.1	PHAS=	77.7	FOM=	0.60	TEST=	0
INDE	10	45	49	FOBS=	48.4	SIGMA=	3.8	PHAS=	74.4	FOM=	0.39	TEST=	0
INDE	10	45	51	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	45	53	FOBS=	41.3	SIGMA=	5.4	PHAS=	-6.3	FOM=	0.64	TEST=	0
INDE	10	45	55	FOBS=	37.4	SIGMA=	5.8	PHAS=	12.1	FOM=	0.57	TEST=	0

INDE	10	45	57	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	45	59	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	45	61	FOBS=	38.9	SIGMA=	6.5	PHAS=	58.7	FOM=	0.45	TEST=	0
INDE	10	46	10	FOBS=	142.8	SIGMA=	1.2	PHAS=	128.7	FOM=	0.90	TEST=	1
INDE	10	46	12	FOBS=	147.9	SIGMA=	2.0	PHAS=	43.1	FOM=	0.24	TEST=	1
INDE	10	46	14	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	46	16	FOBS=	228.1	SIGMA=	1.0	PHAS=	102.7	FOM=	0.94	TEST=	0
INDE	10	46	18	FOBS=	33.7	SIGMA=	6.1	PHAS=	152.8	FOM=	0.46	TEST=	0
INDE	10	46	20	FOBS=	205.3	SIGMA=	1.2	PHAS=	109.3	FOM=	0.95	TEST=	0
INDE	10	46	22	FOBS=	139.1	SIGMA=	1.5	PHAS=	-174.6	FOM=	0.88	TEST=	0
INDE	10	46	24	FOBS=	28.3	SIGMA=	7.3	PHAS=	92.4	FOM=	0.76	TEST=	0
INDE	10	46	26	FOBS=	199.7	SIGMA=	1.2	PHAS=	35.2	FOM=	0.96	TEST=	0
INDE	10	46	28	FOBS=	16.1	SIGMA=	12.7	PHAS=	-168.4	FOM=	0.31	TEST=	0
INDE	10	46	30	FOBS=	103.2	SIGMA=	2.0	PHAS=	135.6	FOM=	0.88	TEST=	0
INDE	10	46	32	FOBS=	53.8	SIGMA=	3.7	PHAS=	-15.4	FOM=	0.67	TEST=	0
INDE	10	46	34	FOBS=	54.0	SIGMA=	3.9	PHAS=	88.0	FOM=	0.56	TEST=	0
INDE	10	46	36	FOBS=	92.9	SIGMA=	2.3	PHAS=	23.9	FOM=	0.67	TEST=	0
INDE	10	46	38	FOBS=	36.3	SIGMA=	5.2	PHAS=	176.5	FOM=	0.86	TEST=	0
INDE	10	46	40	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	46	42	FOBS=	77.6	SIGMA=	2.5	PHAS=	4.8	FOM=	0.91	TEST=	0
INDE	10	46	44	FOBS=	90.3	SIGMA=	2.1	PHAS=	36.7	FOM=	0.94	TEST=	0
INDE	10	46	46	FOBS=	68.2	SIGMA=	2.8	PHAS=	10.0	FOM=	0.87	TEST=	0
INDE	10	46	48	FOBS=	104.5	SIGMA=	1.9	PHAS=	-44.9	FOM=	0.93	TEST=	0
INDE	10	46	50	FOBS=	39.8	SIGMA=	5.1	PHAS=	-60.0	FOM=	0.25	TEST=	0
INDE	10	46	52	FOBS=	58.2	SIGMA=	3.5	PHAS=	125.2	FOM=	0.84	TEST=	0
INDE	10	46	54	FOBS=	61.0	SIGMA=	3.6	PHAS=	-67.0	FOM=	0.92	TEST=	0
INDE	10	46	56	FOBS=	27.4	SIGMA=	8.1	PHAS=	-168.6	FOM=	0.65	TEST=	0
INDE	10	46	58	FOBS=	16.9	SIGMA=	16.5	PHAS=	-66.6	FOM=	0.04	TEST=	0
INDE	10	46	60	FOBS=	44.7	SIGMA=	5.2	PHAS=	-105.2	FOM=	0.59	TEST=	0
INDE	10	47	11	FOBS=	86.6	SIGMA=	3.3	PHAS=	77.4	FOM=	0.82	TEST=	0
INDE	10	47	13	FOBS=	145.8	SIGMA=	2.0	PHAS=	-56.4	FOM=	0.96	TEST=	0
INDE	10	47	15	FOBS=	91.2	SIGMA=	2.3	PHAS=	17.8	FOM=	0.89	TEST=	0
INDE	10	47	17	FOBS=	10.2	SIGMA=	19.7	PHAS=	-11.5	FOM=	0.07	TEST=	0
INDE	10	47	19	FOBS=	159.7	SIGMA=	1.5	PHAS=	-56.6	FOM=	0.36	TEST=	1
INDE	10	47	21	FOBS=	69.2	SIGMA=	3.2	PHAS=	-51.5	FOM=	0.90	TEST=	0
INDE	10	47	23	FOBS=	176.0	SIGMA=	1.3	PHAS=	63.4	FOM=	0.91	TEST=	0
INDE	10	47	25	FOBS=	92.0	SIGMA=	2.3	PHAS=	-47.8	FOM=	0.90	TEST=	0
INDE	10	47	27	FOBS=	52.8	SIGMA=	3.9	PHAS=	-130.3	FOM=	0.83	TEST=	0
INDE	10	47	29	FOBS=	101.9	SIGMA=	2.1	PHAS=	-120.5	FOM=	0.66	TEST=	0
INDE	10	47	31	FOBS=	105.2	SIGMA=	2.0	PHAS=	-153.4	FOM=	0.83	TEST=	0
INDE	10	47	33	FOBS=	108.8	SIGMA=	1.9	PHAS=	-90.4	FOM=	0.88	TEST=	0
INDE	10	47	35	FOBS=	171.5	SIGMA=	1.3	PHAS=	-94.1	FOM=	0.97	TEST=	0
INDE	10	47	37	FOBS=	69.4	SIGMA=	3.0	PHAS=	158.0	FOM=	0.88	TEST=	0
INDE	10	47	39	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	47	41	FOBS=	39.6	SIGMA=	4.9	PHAS=	4.7	FOM=	0.33	TEST=	0
INDE	10	47	43	FOBS=	83.8	SIGMA=	2.3	PHAS=	-53.7	FOM=	0.87	TEST=	0
INDE	10	47	45	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	47	47	FOBS=	75.7	SIGMA=	2.5	PHAS=	-133.5	FOM=	0.92	TEST=	0
INDE	10	47	49	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	47	51	FOBS=	28.6	SIGMA=	7.0	PHAS=	22.2	FOM=	0.77	TEST=	0
INDE	10	47	53	FOBS=	71.9	SIGMA=	2.9	PHAS=	-87.6	FOM=	0.84	TEST=	0
INDE	10	47	55	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	47	57	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	47	59	FOBS=	42.8	SIGMA=	6.5	PHAS=	-129.1	FOM=	0.25	TEST=	0
INDE	10	47	61	FOBS=	60.5	SIGMA=	4.0	PHAS=	-55.9	FOM=	0.81	TEST=	0
INDE	10	48	10	FOBS=	29.8	SIGMA=	4.4	PHAS=	-36.0	FOM=	0.22	TEST=	0
INDE	10	48	12	FOBS=	111.1	SIGMA=	2.5	PHAS=	8.5	FOM=	0.77	TEST=	0
INDE	10	48	14	FOBS=	265.1	SIGMA=	1.4	PHAS=	174.5	FOM=	0.98	TEST=	0
INDE	10	48	16	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	48	18	FOBS=	58.9	SIGMA=	3.4	PHAS=	30.3	FOM=	0.85	TEST=	0
INDE	10	48	20	FOBS=	171.3	SIGMA=	1.3	PHAS=	122.1	FOM=	0.92	TEST=	0
INDE	10	48	22	FOBS=	116.2	SIGMA=	1.8	PHAS=	-78.2	FOM=	0.93	TEST=	0
INDE	10	48	24	FOBS=	124.0	SIGMA=	1.7	PHAS=	100.4	FOM=	0.32	TEST=	0
INDE	10	48	26	FOBS=	52.0	SIGMA=	3.9	PHAS=	-107.0	FOM=	0.81	TEST=	0
INDE	10	48	28	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	48	30	FOBS=	189.0	SIGMA=	1.2	PHAS=	148.8	FOM=	0.85	TEST=	1
INDE	10	48	32	FOBS=	52.5	SIGMA=	3.8	PHAS=	-15.9	FOM=	0.11	TEST=	1
INDE	10	48	34	FOBS=	65.0	SIGMA=	2.9	PHAS=	160.6	FOM=	0.31	TEST=	0
INDE	10	48	36	FOBS=	84.9	SIGMA=	2.5	PHAS=	162.4	FOM=	0.92	TEST=	0
INDE	10	48	38	FOBS=	20.5	SIGMA=	10.0	PHAS=	-9.2	FOM=	0.46	TEST=	0

FOBS=

INDE	10	48	40	FOBS=	71.3	SIGMA=	2.7	PHAS=	-36.6	FOM=	0.88	TEST=	0
INDE	10	48	42	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	48	44	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	48	46	FOBS=	65.2	SIGMA=	2.9	PHAS=	137.7	FOM=	0.83	TEST=	0
INDE	10	48	48	FOBS=	16.7	SIGMA=	11.0	PHAS=	-104.5	FOM=	0.11	TEST=	0
INDE	10	48	50	FOBS=	16.8	SIGMA=	12.9	PHAS=	-141.6	FOM=	0.15	TEST=	0
INDE	10	48	52	FOBS=	40.2	SIGMA=	5.0	PHAS=	149.3	FOM=	0.64	TEST=	0
INDE	10	48	54	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	48	56	FOBS=	11.8	SIGMA=	20.7	PHAS=	64.2	FOM=	0.21	TEST=	0
INDE	10	48	58	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	48	60	FOBS=	81.0	SIGMA=	3.0	PHAS=	-119.8	FOM=	0.84	TEST=	0
INDE	10	49	11	FOBS=	0.0	SIGMA=	17.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	49	13	FOBS=	0.0	SIGMA=	27.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	49	15	FOBS=	76.8	SIGMA=	2.6	PHAS=	72.6	FOM=	0.82	TEST=	0
INDE	10	49	17	FOBS=	112.2	SIGMA=	1.8	PHAS=	27.8	FOM=	0.92	TEST=	0
INDE	10	49	19	FOBS=	130.0	SIGMA=	1.6	PHAS=	-15.5	FOM=	0.90	TEST=	0
INDE	10	49	21	FOBS=	44.2	SIGMA=	5.3	PHAS=	1.1	FOM=	0.86	TEST=	0
INDE	10	49	23	FOBS=	98.1	SIGMA=	2.1	PHAS=	-62.0	FOM=	0.88	TEST=	0
INDE	10	49	25	FOBS=	93.1	SIGMA=	2.2	PHAS=	-146.7	FOM=	0.91	TEST=	0
INDE	10	49	27	FOBS=	48.4	SIGMA=	4.2	PHAS=	31.0	FOM=	0.15	TEST=	0
INDE	10	49	29	FOBS=	69.6	SIGMA=	2.9	PHAS=	150.3	FOM=	0.33	TEST=	1
INDE	10	49	31	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	49	33	FOBS=	61.9	SIGMA=	3.3	PHAS=	-96.3	FOM=	0.59	TEST=	0
INDE	10	49	35	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	49	37	FOBS=	26.6	SIGMA=	7.6	PHAS=	0.5	FOM=	0.22	TEST=	0
INDE	10	49	39	FOBS=	180.4	SIGMA=	1.1	PHAS=	-111.9	FOM=	0.96	TEST=	0
INDE	10	49	41	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	10	49	43	FOBS=	33.2	SIGMA=	6.4	PHAS=	-81.5	FOM=	0.48	TEST=	0
INDE	10	49	45	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	49	47	FOBS=	70.2	SIGMA=	2.7	PHAS=	82.9	FOM=	0.48	TEST=	0
INDE	10	49	49	FOBS=	17.5	SIGMA=	15.3	PHAS=	-102.1	FOM=	0.13	TEST=	0
INDE	10	49	51	FOBS=	72.1	SIGMA=	2.9	PHAS=	43.3	FOM=	0.81	TEST=	0
INDE	10	49	53	FOBS=	50.9	SIGMA=	4.0	PHAS=	-23.7	FOM=	0.70	TEST=	0
INDE	10	49	55	FOBS=	25.7	SIGMA=	8.5	PHAS=	28.7	FOM=	0.08	TEST=	0
INDE	10	49	57	FOBS=	22.6	SIGMA=	12.1	PHAS=	-153.5	FOM=	0.31	TEST=	0
INDE	10	49	59	FOBS=	85.1	SIGMA=	3.4	PHAS=	168.0	FOM=	0.83	TEST=	0
INDE	10	50	10	FOBS=	226.8	SIGMA=	1.4	PHAS=	159.2	FOM=	0.82	TEST=	1
INDE	10	50	12	FOBS=	96.5	SIGMA=	2.0	PHAS=	12.2	FOM=	0.98	TEST=	0
INDE	10	50	14	FOBS=	103.4	SIGMA=	2.6	PHAS=	149.7	FOM=	0.68	TEST=	0
INDE	10	50	16	FOBS=	219.1	SIGMA=	1.0	PHAS=	-103.5	FOM=	0.71	TEST=	1
INDE	10	50	18	FOBS=	97.3	SIGMA=	2.1	PHAS=	95.6	FOM=	0.06	TEST=	1
INDE	10	50	20	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	50	22	FOBS=	125.8	SIGMA=	1.7	PHAS=	-131.8	FOM=	0.82	TEST=	0
INDE	10	50	24	FOBS=	183.3	SIGMA=	1.2	PHAS=	-117.9	FOM=	0.91	TEST=	0
INDE	10	50	26	FOBS=	142.8	SIGMA=	1.6	PHAS=	-167.4	FOM=	0.90	TEST=	0
INDE	10	50	28	FOBS=	93.9	SIGMA=	2.2	PHAS=	132.4	FOM=	0.59	TEST=	0
INDE	10	50	30	FOBS=	59.4	SIGMA=	3.4	PHAS=	166.9	FOM=	0.82	TEST=	0
INDE	10	50	32	FOBS=	112.9	SIGMA=	1.8	PHAS=	25.5	FOM=	0.90	TEST=	0
INDE	10	50	34	FOBS=	93.6	SIGMA=	2.2	PHAS=	-58.6	FOM=	0.87	TEST=	0
INDE	10	50	36	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	50	38	FOBS=	163.8	SIGMA=	1.4	PHAS=	-169.6	FOM=	0.94	TEST=	0
INDE	10	50	40	FOBS=	87.6	SIGMA=	2.2	PHAS=	-7.8	FOM=	0.89	TEST=	0
INDE	10	50	42	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	50	44	FOBS=	118.7	SIGMA=	1.6	PHAS=	-129.0	FOM=	0.95	TEST=	0
INDE	10	50	46	FOBS=	77.6	SIGMA=	2.6	PHAS=	-68.1	FOM=	0.82	TEST=	0
INDE	10	50	48	FOBS=	28.8	SIGMA=	7.9	PHAS=	117.7	FOM=	0.27	TEST=	0
INDE	10	50	50	FOBS=	32.0	SIGMA=	6.8	PHAS=	-127.1	FOM=	0.44	TEST=	0
INDE	10	50	52	FOBS=	36.4	SIGMA=	6.0	PHAS=	87.5	FOM=	0.14	TEST=	1
INDE	10	50	54	FOBS=	38.9	SIGMA=	5.7	PHAS=	-139.4	FOM=	0.45	TEST=	0
INDE	10	50	56	FOBS=	37.6	SIGMA=	6.5	PHAS=	-129.7	FOM=	0.28	TEST=	0
INDE	10	50	58	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	51	11	FOBS=	124.8	SIGMA=	1.1	PHAS=	94.3	FOM=	0.95	TEST=	0
INDE	10	51	13	FOBS=	102.2	SIGMA=	1.6	PHAS=	-89.6	FOM=	0.87	TEST=	0
INDE	10	51	15	FOBS=	191.9	SIGMA=	1.5	PHAS=	38.5	FOM=	0.34	TEST=	1
INDE	10	51	17	FOBS=	178.9	SIGMA=	1.2	PHAS=	169.4	FOM=	0.16	TEST=	1
INDE	10	51	19	FOBS=	78.7	SIGMA=	2.5	PHAS=	-172.6	FOM=	0.69	TEST=	0
INDE	10	51	21	FOBS=	48.3	SIGMA=	4.3	PHAS=	131.8	FOM=	0.70	TEST=	0
INDE	10	51	23	FOBS=	198.4	SIGMA=	1.1	PHAS=	-155.4	FOM=	0.95	TEST=	0
INDE	10	51	25	FOBS=	236.6	SIGMA=	1.0	PHAS=	168.1	FOM=	0.97	TEST=	0
INDE	10	51	27	FOBS=	102.3	SIGMA=	2.0	PHAS=	-173.0	FOM=	0.87	TEST=	0

INDE	10	51	29	FOBS=	130.1	SIGMA=	1.6	PHAS=	34.8	FOM=	0.92	TEST=	0
INDE	10	51	31	FOBS=	78.9	SIGMA=	2.6	PHAS=	-4.8	FOM=	0.85	TEST=	0
INDE	10	51	33	FOBS=	106.5	SIGMA=	1.9	PHAS=	-111.0	FOM=	0.84	TEST=	0
INDE	10	51	35	FOBS=	59.5	SIGMA=	3.4	PHAS=	-106.3	FOM=	0.65	TEST=	0
INDE	10	51	37	FOBS=	65.9	SIGMA=	3.1	PHAS=	28.3	FOM=	0.90	TEST=	0
INDE	10	51	39	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	51	41	FOBS=	16.0	SIGMA=	11.4	PHAS=	20.9	FOM=	0.19	TEST=	0
INDE	10	51	43	FOBS=	146.9	SIGMA=	1.5	PHAS=	133.1	FOM=	0.93	TEST=	0
INDE	10	51	45	FOBS=	90.0	SIGMA=	2.1	PHAS=	136.3	FOM=	0.72	TEST=	1
INDE	10	51	47	FOBS=	113.3	SIGMA=	1.7	PHAS=	173.6	FOM=	0.82	TEST=	0
INDE	10	51	49	FOBS=	20.6	SIGMA=	12.2	PHAS=	89.1	FOM=	0.38	TEST=	0
INDE	10	51	51	FOBS=	37.1	SIGMA=	6.0	PHAS=	-88.3	FOM=	0.53	TEST=	0
INDE	10	51	53	FOBS=	82.9	SIGMA=	2.5	PHAS=	102.2	FOM=	0.79	TEST=	0
INDE	10	51	55	FOBS=	39.5	SIGMA=	6.3	PHAS=	60.6	FOM=	0.58	TEST=	0
INDE	10	51	57	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	52	10	FOBS=	169.6	SIGMA=	1.7	PHAS=	87.4	FOM=	0.92	TEST=	0
INDE	10	52	12	FOBS=	57.1	SIGMA=	2.5	PHAS=	143.1	FOM=	0.90	TEST=	0
INDE	10	52	14	FOBS=	33.2	SIGMA=	5.7	PHAS=	-5.4	FOM=	0.15	TEST=	0
INDE	10	52	16	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	52	18	FOBS=	122.1	SIGMA=	1.7	PHAS=	20.1	FOM=	0.58	TEST=	0
INDE	10	52	20	FOBS=	15.8	SIGMA=	15.5	PHAS=	36.5	FOM=	0.13	TEST=	0
INDE	10	52	22	FOBS=	246.7	SIGMA=	1.0	PHAS=	158.6	FOM=	0.96	TEST=	0
INDE	10	52	24	FOBS=	135.1	SIGMA=	1.5	PHAS=	155.7	FOM=	0.89	TEST=	0
INDE	10	52	26	FOBS=	56.4	SIGMA=	3.9	PHAS=	-168.7	FOM=	0.47	TEST=	0
INDE	10	52	28	FOBS=	87.8	SIGMA=	2.3	PHAS=	110.4	FOM=	0.95	TEST=	0
INDE	10	52	30	FOBS=	76.3	SIGMA=	2.7	PHAS=	-35.9	FOM=	0.78	TEST=	0
INDE	10	52	32	FOBS=	49.9	SIGMA=	4.0	PHAS=	-41.7	FOM=	0.45	TEST=	0
INDE	10	52	34	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	52	36	FOBS=	78.7	SIGMA=	2.4	PHAS=	-179.2	FOM=	0.87	TEST=	0
INDE	10	52	38	FOBS=	80.1	SIGMA=	2.6	PHAS=	-101.4	FOM=	0.85	TEST=	0
INDE	10	52	40	FOBS=	129.7	SIGMA=	1.6	PHAS=	-55.1	FOM=	0.88	TEST=	0
INDE	10	52	42	FOBS=	129.8	SIGMA=	1.5	PHAS=	-11.7	FOM=	0.94	TEST=	0
INDE	10	52	44	FOBS=	33.0	SIGMA=	7.7	PHAS=	52.4	FOM=	0.58	TEST=	0
INDE	10	52	46	FOBS=	18.6	SIGMA=	10.7	PHAS=	-86.6	FOM=	0.20	TEST=	0
INDE	10	52	48	FOBS=	60.8	SIGMA=	3.5	PHAS=	33.4	FOM=	0.81	TEST=	0
INDE	10	52	50	FOBS=	33.6	SIGMA=	6.8	PHAS=	-123.0	FOM=	0.69	TEST=	0
INDE	10	52	52	FOBS=	52.3	SIGMA=	4.1	PHAS=	27.4	FOM=	0.08	TEST=	1
INDE	10	52	54	FOBS=	42.9	SIGMA=	6.4	PHAS=	20.6	FOM=	0.78	TEST=	0
INDE	10	52	56	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	53	11	FOBS=	46.2	SIGMA=	5.8	PHAS=	141.0	FOM=	0.23	TEST=	0
INDE	10	53	13	FOBS=	89.8	SIGMA=	1.7	PHAS=	-21.2	FOM=	0.90	TEST=	0
INDE	10	53	15	FOBS=	66.6	SIGMA=	3.9	PHAS=	41.6	FOM=	0.76	TEST=	0
INDE	10	53	17	FOBS=	81.1	SIGMA=	2.4	PHAS=	-125.1	FOM=	0.51	TEST=	0
INDE	10	53	19	FOBS=	38.5	SIGMA=	5.0	PHAS=	-78.3	FOM=	0.51	TEST=	0
INDE	10	53	21	FOBS=	153.4	SIGMA=	1.4	PHAS=	122.7	FOM=	0.95	TEST=	0
INDE	10	53	23	FOBS=	196.8	SIGMA=	1.1	PHAS=	99.9	FOM=	0.96	TEST=	0
INDE	10	53	25	FOBS=	204.4	SIGMA=	1.1	PHAS=	135.6	FOM=	0.96	TEST=	0
INDE	10	53	27	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	10	53	29	FOBS=	107.9	SIGMA=	1.9	PHAS=	-13.8	FOM=	0.89	TEST=	0
INDE	10	53	31	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	53	33	FOBS=	85.8	SIGMA=	2.4	PHAS=	-42.7	FOM=	0.91	TEST=	0
INDE	10	53	35	FOBS=	31.1	SIGMA=	6.8	PHAS=	30.3	FOM=	0.64	TEST=	0
INDE	10	53	37	FOBS=	97.5	SIGMA=	1.9	PHAS=	10.6	FOM=	0.87	TEST=	0
INDE	10	53	39	FOBS=	103.1	SIGMA=	2.0	PHAS=	152.7	FOM=	0.80	TEST=	0
INDE	10	53	41	FOBS=	114.7	SIGMA=	1.7	PHAS=	-167.1	FOM=	0.96	TEST=	0
INDE	10	53	43	FOBS=	73.2	SIGMA=	2.6	PHAS=	-22.0	FOM=	0.69	TEST=	0
INDE	10	53	45	FOBS=	114.7	SIGMA=	1.7	PHAS=	123.0	FOM=	0.93	TEST=	0
INDE	10	53	47	FOBS=	39.1	SIGMA=	5.9	PHAS=	-39.4	FOM=	0.31	TEST=	0
INDE	10	53	49	FOBS=	48.7	SIGMA=	4.3	PHAS=	168.5	FOM=	0.77	TEST=	0
INDE	10	53	51	FOBS=	55.2	SIGMA=	3.8	PHAS=	-67.2	FOM=	0.81	TEST=	0
INDE	10	53	53	FOBS=	11.3	SIGMA=	28.8	PHAS=	36.8	FOM=	0.17	TEST=	0
INDE	10	53	55	FOBS=	16.5	SIGMA=	17.5	PHAS=	-92.0	FOM=	0.20	TEST=	0
INDE	10	54	10	FOBS=	222.6	SIGMA=	1.4	PHAS=	53.3	FOM=	0.95	TEST=	0
INDE	10	54	12	FOBS=	80.5	SIGMA=	1.7	PHAS=	20.2	FOM=	0.67	TEST=	0
INDE	10	54	14	FOBS=	40.9	SIGMA=	4.3	PHAS=	45.3	FOM=	0.29	TEST=	0
INDE	10	54	16	FOBS=	92.6	SIGMA=	2.8	PHAS=	-76.9	FOM=	0.88	TEST=	0
INDE	10	54	18	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	54	20	FOBS=	26.3	SIGMA=	10.1	PHAS=	9.3	FOM=	0.50	TEST=	0
INDE	10	54	22	FOBS=	41.6	SIGMA=	5.0	PHAS=	47.4	FOM=	0.76	TEST=	0
INDE	10	54	24	FOBS=	234.6	SIGMA=	1.0	PHAS=	-9.1	FOM=	0.94	TEST=	0

INDE	10	54	26	FOBS=	120.0	SIGMA=	1.7	PHAS=	12.6	FOM=	0.93	TEST=	0
INDE	10	54	28	FOBS=	41.0	SIGMA=	4.8	PHAS=	102.0	FOM=	0.46	TEST=	0
INDE	10	54	30	FOBS=	42.9	SIGMA=	4.6	PHAS=	36.5	FOM=	0.59	TEST=	0
INDE	10	54	32	FOBS=	104.6	SIGMA=	2.0	PHAS=	-105.2	FOM=	0.94	TEST=	0
INDE	10	54	34	FOBS=	33.6	SIGMA=	6.8	PHAS=	-112.6	FOM=	0.39	TEST=	0
INDE	10	54	36	FOBS=	39.3	SIGMA=	5.4	PHAS=	159.0	FOM=	0.16	TEST=	0
INDE	10	54	38	FOBS=	62.0	SIGMA=	2.9	PHAS=	129.4	FOM=	0.75	TEST=	0
INDE	10	54	40	FOBS=	109.3	SIGMA=	1.9	PHAS=	78.3	FOM=	0.91	TEST=	0
INDE	10	54	42	FOBS=	36.0	SIGMA=	5.1	PHAS=	97.5	FOM=	0.53	TEST=	0
INDE	10	54	44	FOBS=	100.0	SIGMA=	1.9	PHAS=	-60.7	FOM=	0.65	TEST=	0
INDE	10	54	46	FOBS=	27.1	SIGMA=	7.3	PHAS=	163.3	FOM=	0.20	TEST=	0
INDE	10	54	48	FOBS=	27.4	SIGMA=	8.6	PHAS=	17.6	FOM=	0.48	TEST=	0
INDE	10	54	50	FOBS=	31.2	SIGMA=	9.3	PHAS=	-53.9	FOM=	0.42	TEST=	0
INDE	10	54	52	FOBS=	59.5	SIGMA=	4.9	PHAS=	43.6	FOM=	0.67	TEST=	0
INDE	10	54	54	FOBS=	51.4	SIGMA=	6.7	PHAS=	155.0	FOM=	0.85	TEST=	0
INDE	10	55	11	FOBS=	236.4	SIGMA=	1.3	PHAS=	-77.4	FOM=	0.96	TEST=	0
INDE	10	55	13	FOBS=	16.5	SIGMA=	8.6	PHAS=	-64.9	FOM=	0.39	TEST=	0
INDE	10	55	15	FOBS=	75.0	SIGMA=	2.2	PHAS=	106.3	FOM=	0.71	TEST=	0
INDE	10	55	17	FOBS=	129.2	SIGMA=	2.1	PHAS=	-121.1	FOM=	0.81	TEST=	0
INDE	10	55	19	FOBS=	88.0	SIGMA=	2.2	PHAS=	-156.2	FOM=	0.53	TEST=	0
INDE	10	55	21	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	55	23	FOBS=	64.7	SIGMA=	3.0	PHAS=	-25.5	FOM=	0.31	TEST=	1
INDE	10	55	25	FOBS=	101.2	SIGMA=	2.0	PHAS=	-43.9	FOM=	0.78	TEST=	0
INDE	10	55	27	FOBS=	76.4	SIGMA=	2.6	PHAS=	-85.9	FOM=	0.59	TEST=	0
INDE	10	55	29	FOBS=	28.5	SIGMA=	6.8	PHAS=	-34.4	FOM=	0.43	TEST=	0
INDE	10	55	31	FOBS=	56.1	SIGMA=	3.5	PHAS=	164.0	FOM=	0.17	TEST=	1
INDE	10	55	33	FOBS=	28.1	SIGMA=	7.0	PHAS=	176.4	FOM=	0.28	TEST=	0
INDE	10	55	35	FOBS=	40.3	SIGMA=	4.9	PHAS=	-164.5	FOM=	0.39	TEST=	0
INDE	10	55	37	FOBS=	142.0	SIGMA=	1.5	PHAS=	4.9	FOM=	0.96	TEST=	0
INDE	10	55	39	FOBS=	80.5	SIGMA=	2.2	PHAS=	95.3	FOM=	0.81	TEST=	0
INDE	10	55	41	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	55	43	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	55	45	FOBS=	78.3	SIGMA=	2.7	PHAS=	117.9	FOM=	0.94	TEST=	0
INDE	10	55	47	FOBS=	31.7	SIGMA=	8.4	PHAS=	-38.0	FOM=	0.41	TEST=	0
INDE	10	55	49	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	55	51	FOBS=	65.2	SIGMA=	6.9	PHAS=	-46.5	FOM=	0.89	TEST=	0
INDE	10	55	53	FOBS=	64.3	SIGMA=	5.6	PHAS=	35.3	FOM=	0.84	TEST=	0
INDE	10	56	10	FOBS=	102.7	SIGMA=	2.6	PHAS=	-60.2	FOM=	0.87	TEST=	0
INDE	10	56	12	FOBS=	49.4	SIGMA=	5.3	PHAS=	-123.5	FOM=	0.69	TEST=	0
INDE	10	56	14	FOBS=	29.0	SIGMA=	4.9	PHAS=	-94.7	FOM=	0.32	TEST=	0
INDE	10	56	16	FOBS=	64.8	SIGMA=	2.6	PHAS=	7.9	FOM=	0.77	TEST=	0
INDE	10	56	18	FOBS=	130.9	SIGMA=	1.5	PHAS=	177.8	FOM=	0.85	TEST=	0
INDE	10	56	20	FOBS=	26.2	SIGMA=	8.2	PHAS=	91.1	FOM=	0.44	TEST=	0
INDE	10	56	22	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	56	24	FOBS=	34.6	SIGMA=	5.6	PHAS=	-8.7	FOM=	0.52	TEST=	0
INDE	10	56	26	FOBS=	62.2	SIGMA=	3.1	PHAS=	-63.7	FOM=	0.60	TEST=	0
INDE	10	56	28	FOBS=	46.8	SIGMA=	4.2	PHAS=	-20.9	FOM=	0.26	TEST=	1
INDE	10	56	30	FOBS=	93.1	SIGMA=	2.2	PHAS=	55.3	FOM=	0.91	TEST=	0
INDE	10	56	32	FOBS=	14.9	SIGMA=	14.6	PHAS=	152.8	FOM=	0.14	TEST=	0
INDE	10	56	34	FOBS=	81.4	SIGMA=	2.5	PHAS=	118.2	FOM=	0.90	TEST=	0
INDE	10	56	36	FOBS=	66.7	SIGMA=	3.0	PHAS=	42.1	FOM=	0.82	TEST=	0
INDE	10	56	38	FOBS=	27.9	SIGMA=	7.0	PHAS=	52.8	FOM=	0.39	TEST=	0
INDE	10	56	40	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	56	42	FOBS=	89.1	SIGMA=	2.3	PHAS=	-140.1	FOM=	0.86	TEST=	0
INDE	10	56	44	FOBS=	75.9	SIGMA=	2.9	PHAS=	-50.4	FOM=	0.87	TEST=	0
INDE	10	56	46	FOBS=	16.8	SIGMA=	20.6	PHAS=	110.0	FOM=	0.33	TEST=	0
INDE	10	56	48	FOBS=	46.3	SIGMA=	5.7	PHAS=	-92.4	FOM=	0.44	TEST=	0
INDE	10	56	50	FOBS=	111.2	SIGMA=	3.2	PHAS=	-39.7	FOM=	0.96	TEST=	0
INDE	10	56	52	FOBS=	32.8	SIGMA=	10.6	PHAS=	-103.9	FOM=	0.23	TEST=	0
INDE	10	57	11	FOBS=	140.6	SIGMA=	2.0	PHAS=	-165.4	FOM=	0.89	TEST=	0
INDE	10	57	13	FOBS=	0.0	SIGMA=	17.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	57	15	FOBS=	118.9	SIGMA=	1.3	PHAS=	8.0	FOM=	0.95	TEST=	0
INDE	10	57	17	FOBS=	79.4	SIGMA=	2.1	PHAS=	-152.0	FOM=	0.87	TEST=	0
INDE	10	57	19	FOBS=	53.5	SIGMA=	3.5	PHAS=	86.2	FOM=	0.87	TEST=	0
INDE	10	57	21	FOBS=	59.7	SIGMA=	3.2	PHAS=	41.6	FOM=	0.88	TEST=	0
INDE	10	57	23	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	57	25	FOBS=	84.5	SIGMA=	2.3	PHAS=	-81.3	FOM=	0.54	TEST=	1
INDE	10	57	27	FOBS=	39.4	SIGMA=	4.9	PHAS=	135.5	FOM=	0.53	TEST=	0
INDE	10	57	29	FOBS=	82.3	SIGMA=	2.4	PHAS=	-112.0	FOM=	0.89	TEST=	0
INDE	10	57	31	FOBS=	35.7	SIGMA=	5.5	PHAS=	-6.7	FOM=	0.56	TEST=	0

FIG. 12A - 276

[illegible]

FIG. 12A - 277

INDE	10	60	48	FOBS=	42.3	SIGMA=	9.6	PHAS=	90.9	FOM=	0.31	TEST=	0
INDE	10	61	11	FOBS=	68.2	SIGMA=	3.7	PHAS=	-12.9	FOM=	0.67	TEST=	1
INDE	10	61	13	FOBS=	95.4	SIGMA=	2.7	PHAS=	48.2	FOM=	0.81	TEST=	0
INDE	10	61	15	FOBS=	61.1	SIGMA=	2.7	PHAS=	58.4	FOM=	0.89	TEST=	0
INDE	10	61	17	FOBS=	88.0	SIGMA=	2.3	PHAS=	172.0	FOM=	0.91	TEST=	0
INDE	10	61	19	FOBS=	26.3	SIGMA=	8.3	PHAS=	94.1	FOM=	0.32	TEST=	0
INDE	10	61	21	FOBS=	113.8	SIGMA=	2.0	PHAS=	-4.3	FOM=	0.92	TEST=	0
INDE	10	61	23	FOBS=	110.1	SIGMA=	2.1	PHAS=	142.0	FOM=	0.94	TEST=	0
INDE	10	61	25	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	61	27	FOBS=	119.9	SIGMA=	2.0	PHAS=	-151.4	FOM=	0.46	TEST=	1
INDE	10	61	29	FOBS=	97.7	SIGMA=	2.5	PHAS=	138.6	FOM=	0.89	TEST=	0
INDE	10	61	31	FOBS=	27.5	SIGMA=	8.5	PHAS=	-87.2	FOM=	0.24	TEST=	0
INDE	10	61	33	FOBS=	38.8	SIGMA=	8.8	PHAS=	35.8	FOM=	0.01	TEST=	1
INDE	10	61	35	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	61	37	FOBS=	49.8	SIGMA=	7.2	PHAS=	-136.8	FOM=	0.38	TEST=	0
INDE	10	61	39	FOBS=	53.9	SIGMA=	5.3	PHAS=	14.6	FOM=	0.85	TEST=	0
INDE	10	61	41	FOBS=	21.9	SIGMA=	10.7	PHAS=	-120.2	FOM=	0.04	TEST=	1
INDE	10	61	43	FOBS=	78.2	SIGMA=	3.1	PHAS=	116.0	FOM=	0.90	TEST=	0
INDE	10	61	45	FOBS=	0.0	SIGMA=	25.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	61	47	FOBS=	0.0	SIGMA=	32.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	62	10	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	62	12	FOBS=	33.0	SIGMA=	7.4	PHAS=	-13.7	FOM=	0.29	TEST=	0
INDE	10	62	14	FOBS=	51.9	SIGMA=	4.8	PHAS=	-51.3	FOM=	0.77	TEST=	0
INDE	10	62	16	FOBS=	10.9	SIGMA=	18.6	PHAS=	84.7	FOM=	0.11	TEST=	0
INDE	10	62	18	FOBS=	60.6	SIGMA=	3.7	PHAS=	16.4	FOM=	0.72	TEST=	0
INDE	10	62	20	FOBS=	58.2	SIGMA=	4.4	PHAS=	-142.3	FOM=	0.80	TEST=	0
INDE	10	62	22	FOBS=	57.4	SIGMA=	4.6	PHAS=	-140.4	FOM=	0.27	TEST=	0
INDE	10	62	24	FOBS=	93.4	SIGMA=	2.9	PHAS=	130.5	FOM=	0.86	TEST=	0
INDE	10	62	26	FOBS=	68.1	SIGMA=	4.0	PHAS=	87.5	FOM=	0.86	TEST=	0
INDE	10	62	28	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	62	30	FOBS=	88.8	SIGMA=	3.2	PHAS=	115.0	FOM=	0.90	TEST=	0
INDE	10	62	32	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	62	34	FOBS=	53.8	SIGMA=	5.2	PHAS=	-167.5	FOM=	0.37	TEST=	0
INDE	10	62	36	FOBS=	66.0	SIGMA=	4.4	PHAS=	-141.3	FOM=	0.84	TEST=	0
INDE	10	62	38	FOBS=	19.4	SIGMA=	17.0	PHAS=	-99.3	FOM=	0.49	TEST=	0
INDE	10	62	40	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	10	62	42	FOBS=	36.7	SIGMA=	7.9	PHAS=	53.8	FOM=	0.63	TEST=	0
INDE	10	62	44	FOBS=	92.7	SIGMA=	3.6	PHAS=	-43.0	FOM=	0.91	TEST=	0
INDE	10	63	11	FOBS=	85.9	SIGMA=	4.2	PHAS=	-141.2	FOM=	0.87	TEST=	0
INDE	10	63	13	FOBS=	77.2	SIGMA=	4.6	PHAS=	-155.7	FOM=	0.75	TEST=	0
INDE	10	63	15	FOBS=	81.1	SIGMA=	4.3	PHAS=	73.8	FOM=	0.87	TEST=	0
INDE	10	63	17	FOBS=	60.7	SIGMA=	3.5	PHAS=	-179.8	FOM=	0.86	TEST=	0
INDE	10	63	19	FOBS=	24.4	SIGMA=	10.5	PHAS=	151.7	FOM=	0.27	TEST=	0
INDE	10	63	21	FOBS=	144.4	SIGMA=	1.9	PHAS=	84.2	FOM=	0.48	TEST=	1
INDE	10	63	23	FOBS=	126.7	SIGMA=	2.2	PHAS=	134.2	FOM=	0.94	TEST=	0
INDE	10	63	25	FOBS=	52.8	SIGMA=	5.0	PHAS=	-21.5	FOM=	0.64	TEST=	0
INDE	10	63	27	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	63	29	FOBS=	41.2	SIGMA=	6.7	PHAS=	-91.0	FOM=	0.46	TEST=	0
INDE	10	63	31	FOBS=	74.1	SIGMA=	3.8	PHAS=	20.4	FOM=	0.12	TEST=	1
INDE	10	63	33	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	63	35	FOBS=	7.1	SIGMA=	49.1	PHAS=	-140.8	FOM=	0.02	TEST=	0
INDE	10	63	37	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	63	39	FOBS=	47.5	SIGMA=	6.2	PHAS=	106.5	FOM=	0.82	TEST=	0
INDE	10	63	41	FOBS=	42.4	SIGMA=	8.8	PHAS=	36.3	FOM=	0.43	TEST=	0
INDE	10	63	43	FOBS=	46.1	SIGMA=	6.6	PHAS=	-130.3	FOM=	0.82	TEST=	0
INDE	10	64	10	FOBS=	107.1	SIGMA=	3.5	PHAS=	91.6	FOM=	0.95	TEST=	0
INDE	10	64	12	FOBS=	62.8	SIGMA=	5.6	PHAS=	65.9	FOM=	0.78	TEST=	0
INDE	10	64	14	FOBS=	38.7	SIGMA=	8.9	PHAS=	104.1	FOM=	0.69	TEST=	0
INDE	10	64	16	FOBS=	39.6	SIGMA=	8.6	PHAS=	122.8	FOM=	0.39	TEST=	0
INDE	10	64	18	FOBS=	81.1	SIGMA=	2.7	PHAS=	130.2	FOM=	0.59	TEST=	0
INDE	10	64	20	FOBS=	66.4	SIGMA=	3.6	PHAS=	120.2	FOM=	0.74	TEST=	0
INDE	10	64	22	FOBS=	88.2	SIGMA=	2.5	PHAS=	-42.0	FOM=	0.91	TEST=	0
INDE	10	64	24	FOBS=	79.8	SIGMA=	3.4	PHAS=	83.0	FOM=	0.71	TEST=	0
INDE	10	64	26	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	64	28	FOBS=	95.1	SIGMA=	3.0	PHAS=	-146.7	FOM=	0.82	TEST=	0
INDE	10	64	30	FOBS=	39.7	SIGMA=	8.3	PHAS=	19.2	FOM=	0.78	TEST=	0
INDE	10	64	32	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	64	34	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	64	36	FOBS=	14.5	SIGMA=	24.8	PHAS=	-66.5	FOM=	0.21	TEST=	0
INDE	10	64	38	FOBS=	40.3	SIGMA=	7.3	PHAS=	-11.7	FOM=	0.36	TEST=	0

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INDE	10	64	40	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	64	42	FOBS=	56.8	SIGMA=	5.3	PHAS=	-166.7	FOM=	0.22	TEST=	0
INDE	10	65	11	FOBS=	79.2	SIGMA=	4.5	PHAS=	-40.5	FOM=	0.86	TEST=	0
INDE	10	65	13	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	65	15	FOBS=	98.3	SIGMA=	3.6	PHAS=	57.2	FOM=	0.92	TEST=	0
INDE	10	65	17	FOBS=	71.2	SIGMA=	2.7	PHAS=	83.0	FOM=	0.72	TEST=	0
INDE	10	65	19	FOBS=	57.9	SIGMA=	3.8	PHAS=	25.5	FOM=	0.33	TEST=	0
INDE	10	65	21	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	65	23	FOBS=	100.9	SIGMA=	2.2	PHAS=	-179.0	FOM=	0.11	TEST=	1
INDE	10	65	25	FOBS=	75.8	SIGMA=	3.5	PHAS=	171.8	FOM=	0.36	TEST=	1
INDE	10	65	27	FOBS=	8.2	SIGMA=	40.4	PHAS=	93.1	FOM=	0.08	TEST=	0
INDE	10	65	29	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	65	31	FOBS=	47.1	SIGMA=	6.0	PHAS=	2.3	FOM=	0.46	TEST=	0
INDE	10	65	33	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	65	35	FOBS=	23.0	SIGMA=	12.3	PHAS=	-56.5	FOM=	0.52	TEST=	0
INDE	10	65	37	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	65	39	FOBS=	47.7	SIGMA=	6.3	PHAS=	39.1	FOM=	0.75	TEST=	0
INDE	10	65	41	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	66	10	FOBS=	94.5	SIGMA=	3.8	PHAS=	-78.6	FOM=	0.87	TEST=	0
INDE	10	66	12	FOBS=	28.7	SIGMA=	12.1	PHAS=	-63.1	FOM=	0.35	TEST=	0
INDE	10	66	14	FOBS=	34.9	SIGMA=	10.0	PHAS=	-11.0	FOM=	0.06	TEST=	1
INDE	10	66	16	FOBS=	35.1	SIGMA=	9.8	PHAS=	177.3	FOM=	0.37	TEST=	0
INDE	10	66	18	FOBS=	23.5	SIGMA=	8.7	PHAS=	-105.0	FOM=	0.37	TEST=	0
INDE	10	66	20	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	66	22	FOBS=	89.7	SIGMA=	2.8	PHAS=	133.4	FOM=	0.86	TEST=	0
INDE	10	66	24	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	66	26	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	66	28	FOBS=	28.7	SIGMA=	9.6	PHAS=	-154.2	FOM=	0.35	TEST=	0
INDE	10	66	30	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	66	32	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	66	34	FOBS=	34.0	SIGMA=	9.9	PHAS=	-58.5	FOM=	0.50	TEST=	0
INDE	10	66	36	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	66	38	FOBS=	59.5	SIGMA=	5.0	PHAS=	-102.9	FOM=	0.74	TEST=	0
INDE	10	67	11	FOBS=	40.3	SIGMA=	12.5	PHAS=	179.6	FOM=	0.26	TEST=	0
INDE	10	67	13	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	67	15	FOBS=	81.5	SIGMA=	4.4	PHAS=	94.6	FOM=	0.91	TEST=	0
INDE	10	67	17	FOBS=	95.1	SIGMA=	3.7	PHAS=	166.0	FOM=	0.82	TEST=	0
INDE	10	67	19	FOBS=	6.1	SIGMA=	38.7	PHAS=	148.4	FOM=	0.08	TEST=	0
INDE	10	67	21	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	67	23	FOBS=	42.5	SIGMA=	5.8	PHAS=	-43.9	FOM=	0.59	TEST=	0
INDE	10	67	25	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	67	27	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	67	29	FOBS=	43.4	SIGMA=	6.5	PHAS=	131.5	FOM=	0.85	TEST=	0
INDE	10	67	31	FOBS=	48.7	SIGMA=	5.9	PHAS=	-72.1	FOM=	0.67	TEST=	0
INDE	10	67	33	FOBS=	80.1	SIGMA=	3.6	PHAS=	-165.6	FOM=	0.74	TEST=	0
INDE	10	67	35	FOBS=	47.4	SIGMA=	6.1	PHAS=	-35.8	FOM=	0.44	TEST=	0
INDE	10	67	37	FOBS=	57.7	SIGMA=	5.2	PHAS=	63.5	FOM=	0.75	TEST=	0
INDE	10	68	14	FOBS=	113.2	SIGMA=	4.7	PHAS=	37.8	FOM=	0.92	TEST=	0
INDE	10	68	16	FOBS=	42.5	SIGMA=	11.8	PHAS=	68.5	FOM=	0.66	TEST=	0
INDE	10	68	18	FOBS=	58.9	SIGMA=	5.9	PHAS=	117.8	FOM=	0.82	TEST=	0
INDE	10	68	20	FOBS=	73.9	SIGMA=	3.1	PHAS=	-104.0	FOM=	0.84	TEST=	0
INDE	10	68	22	FOBS=	82.3	SIGMA=	2.9	PHAS=	156.6	FOM=	0.88	TEST=	0
INDE	10	68	24	FOBS=	0.0	SIGMA=	25.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	68	26	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	68	28	FOBS=	74.9	SIGMA=	3.8	PHAS=	16.4	FOM=	0.93	TEST=	0
INDE	10	68	30	FOBS=	28.5	SIGMA=	10.0	PHAS=	-65.5	FOM=	0.50	TEST=	0
INDE	10	68	32	FOBS=	0.0	SIGMA=	27.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	68	34	FOBS=	32.9	SIGMA=	10.4	PHAS=	-64.8	FOM=	0.10	TEST=	1
INDE	10	68	36	FOBS=	0.0	SIGMA=	27.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	69	19	FOBS=	49.1	SIGMA=	4.5	PHAS=	127.4	FOM=	0.27	TEST=	1
INDE	10	69	21	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	69	23	FOBS=	38.2	SIGMA=	7.2	PHAS=	-126.8	FOM=	0.54	TEST=	0
INDE	10	69	25	FOBS=	0.0	SIGMA=	25.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	10	69	27	FOBS=	91.2	SIGMA=	2.6	PHAS=	-47.7	FOM=	0.89	TEST=	0
INDE	10	69	29	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	69	31	FOBS=	0.0	SIGMA=	26.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	69	33	FOBS=	35.6	SIGMA=	10.6	PHAS=	-18.8	FOM=	0.34	TEST=	0
INDE	10	70	20	FOBS=	84.3	SIGMA=	3.3	PHAS=	5.2	FOM=	0.61	TEST=	0
INDE	10	70	22	FOBS=	33.6	SIGMA=	9.7	PHAS=	174.7	FOM=	0.25	TEST=	0
INDE	10	70	24	FOBS=	47.3	SIGMA=	6.0	PHAS=	129.9	FOM=	0.69	TEST=	0

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INDE	10	70	26	FOBS=	94.8	SIGMA=	3.5	PHAS=	-120.1	FOM=	0.89	TEST=	0
INDE	10	70	28	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	10	70	30	FOBS=	73.2	SIGMA=	4.0	PHAS=	-0.5	FOM=	0.85	TEST=	0
INDE	10	70	32	FOBS=	101.3	SIGMA=	3.1	PHAS=	-114.6	FOM=	0.86	TEST=	0
INDE	10	71	21	FOBS=	24.9	SIGMA=	11.4	PHAS=	-125.4	FOM=	0.44	TEST=	0
INDE	10	71	23	FOBS=	49.2	SIGMA=	6.8	PHAS=	52.7	FOM=	0.04	TEST=	1
INDE	10	71	25	FOBS=	39.0	SIGMA=	9.5	PHAS=	142.2	FOM=	0.79	TEST=	0
INDE	10	71	27	FOBS=	25.7	SIGMA=	17.2	PHAS=	-46.6	FOM=	0.03	TEST=	1
INDE	10	71	29	FOBS=	72.2	SIGMA=	3.9	PHAS=	-26.5	FOM=	0.53	TEST=	0
INDE	10	72	22	FOBS=	10.3	SIGMA=	29.8	PHAS=	-49.5	FOM=	0.12	TEST=	0
INDE	10	72	24	FOBS=	40.9	SIGMA=	8.5	PHAS=	125.2	FOM=	0.43	TEST=	0
INDE	10	72	26	FOBS=	67.2	SIGMA=	6.0	PHAS=	92.3	FOM=	0.76	TEST=	0
INDE	10	73	23	FOBS=	61.6	SIGMA=	5.4	PHAS=	170.5	FOM=	0.69	TEST=	0
INDE	10	75	15	FOBS=	30.9	SIGMA=	7.7	PHAS=	-98.0	FOM=	0.23	TEST=	0
INDE	11	12	11	FOBS=	275.4	SIGMA=	0.5	PHAS=	-60.2	FOM=	0.93	TEST=	0
INDE	11	12	13	FOBS=	24.2	SIGMA=	2.1	PHAS=	-99.6	FOM=	0.14	TEST=	0
INDE	11	12	15	FOBS=	47.5	SIGMA=	1.2	PHAS=	-91.3	FOM=	0.91	TEST=	0
INDE	11	12	17	FOBS=	151.2	SIGMA=	0.5	PHAS=	-57.9	FOM=	0.93	TEST=	0
INDE	11	12	19	FOBS=	133.2	SIGMA=	0.5	PHAS=	31.4	FOM=	0.83	TEST=	0
INDE	11	12	21	FOBS=	117.9	SIGMA=	0.6	PHAS=	3.5	FOM=	0.87	TEST=	0
INDE	11	12	23	FOBS=	241.0	SIGMA=	0.4	PHAS=	-129.8	FOM=	0.99	TEST=	0
INDE	11	12	25	FOBS=	43.6	SIGMA=	1.6	PHAS=	-48.6	FOM=	0.97	TEST=	0
INDE	11	12	27	FOBS=	216.9	SIGMA=	0.5	PHAS=	31.0	FOM=	0.98	TEST=	0
INDE	11	12	29	FOBS=	67.8	SIGMA=	1.1	PHAS=	-48.1	FOM=	0.92	TEST=	0
INDE	11	12	31	FOBS=	131.4	SIGMA=	0.7	PHAS=	-52.4	FOM=	0.98	TEST=	0
INDE	11	12	33	FOBS=	33.0	SIGMA=	2.8	PHAS=	-20.3	FOM=	0.98	TEST=	1
INDE	11	12	35	FOBS=	0.0	SIGMA=	14.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	12	37	FOBS=	30.7	SIGMA=	4.4	PHAS=	-141.1	FOM=	0.82	TEST=	0
INDE	11	12	39	FOBS=	198.0	SIGMA=	1.2	PHAS=	120.7	FOM=	0.96	TEST=	0
INDE	11	12	41	FOBS=	404.2	SIGMA=	0.8	PHAS=	-129.8	FOM=	0.97	TEST=	0
INDE	11	12	43	FOBS=	109.5	SIGMA=	1.8	PHAS=	-168.8	FOM=	0.90	TEST=	0
INDE	11	12	45	FOBS=	252.0	SIGMA=	1.0	PHAS=	171.8	FOM=	0.96	TEST=	0
INDE	11	12	47	FOBS=	259.9	SIGMA=	1.0	PHAS=	87.8	FOM=	0.96	TEST=	0
INDE	11	12	49	FOBS=	88.1	SIGMA=	2.4	PHAS=	25.7	FOM=	0.65	TEST=	0
INDE	11	12	51	FOBS=	33.2	SIGMA=	4.3	PHAS=	87.4	FOM=	0.05	TEST=	0
INDE	11	12	53	FOBS=	49.9	SIGMA=	3.9	PHAS=	156.6	FOM=	0.68	TEST=	0
INDE	11	12	55	FOBS=	76.7	SIGMA=	2.1	PHAS=	23.9	FOM=	0.92	TEST=	0
INDE	11	12	57	FOBS=	96.5	SIGMA=	1.6	PHAS=	21.1	FOM=	0.93	TEST=	0
INDE	11	12	59	FOBS=	182.1	SIGMA=	1.1	PHAS=	17.5	FOM=	0.95	TEST=	0
INDE	11	12	61	FOBS=	100.2	SIGMA=	1.8	PHAS=	102.4	FOM=	0.92	TEST=	0
INDE	11	12	63	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	12	65	FOBS=	70.7	SIGMA=	5.0	PHAS=	68.3	FOM=	0.62	TEST=	0
INDE	11	12	67	FOBS=	75.7	SIGMA=	6.7	PHAS=	88.1	FOM=	0.61	TEST=	0
INDE	11	13	12	FOBS=	140.7	SIGMA=	0.5	PHAS=	-126.3	FOM=	0.94	TEST=	0
INDE	11	13	14	FOBS=	112.8	SIGMA=	0.7	PHAS=	162.6	FOM=	0.42	TEST=	0
INDE	11	13	16	FOBS=	123.8	SIGMA=	0.6	PHAS=	-94.5	FOM=	0.76	TEST=	0
INDE	11	13	18	FOBS=	238.1	SIGMA=	0.5	PHAS=	-97.4	FOM=	0.94	TEST=	0
INDE	11	13	20	FOBS=	27.5	SIGMA=	2.2	PHAS=	95.6	FOM=	0.90	TEST=	0
INDE	11	13	22	FOBS=	226.1	SIGMA=	0.4	PHAS=	96.0	FOM=	0.98	TEST=	0
INDE	11	13	24	FOBS=	139.2	SIGMA=	0.6	PHAS=	-105.3	FOM=	0.94	TEST=	0
INDE	11	13	26	FOBS=	54.3	SIGMA=	1.3	PHAS=	-100.4	FOM=	0.98	TEST=	0
INDE	11	13	28	FOBS=	84.8	SIGMA=	0.9	PHAS=	146.8	FOM=	0.96	TEST=	0
INDE	11	13	30	FOBS=	196.7	SIGMA=	0.5	PHAS=	142.5	FOM=	0.98	TEST=	0
INDE	11	13	32	FOBS=	26.9	SIGMA=	3.3	PHAS=	81.4	FOM=	0.90	TEST=	0
INDE	11	13	34	FOBS=	103.6	SIGMA=	1.0	PHAS=	26.4	FOM=	0.86	TEST=	0
INDE	11	13	36	FOBS=	126.8	SIGMA=	1.0	PHAS=	-0.4	FOM=	0.35	TEST=	0
INDE	11	13	38	FOBS=	292.7	SIGMA=	0.9	PHAS=	-81.6	FOM=	0.98	TEST=	0
INDE	11	13	40	FOBS=	225.1	SIGMA=	1.2	PHAS=	110.2	FOM=	0.95	TEST=	0
INDE	11	13	42	FOBS=	348.3	SIGMA=	0.7	PHAS=	126.5	FOM=	0.99	TEST=	0
INDE	11	13	44	FOBS=	40.6	SIGMA=	5.1	PHAS=	139.7	FOM=	0.89	TEST=	0
INDE	11	13	46	FOBS=	321.5	SIGMA=	0.8	PHAS=	47.9	FOM=	0.96	TEST=	0
INDE	11	13	48	FOBS=	152.3	SIGMA=	1.2	PHAS=	8.0	FOM=	0.91	TEST=	0
INDE	11	13	50	FOBS=	23.0	SIGMA=	8.0	PHAS=	-77.9	FOM=	0.41	TEST=	0
INDE	11	13	52	FOBS=	101.4	SIGMA=	1.5	PHAS=	140.4	FOM=	0.74	TEST=	0
INDE	11	13	54	FOBS=	97.3	SIGMA=	1.5	PHAS=	-6.5	FOM=	0.83	TEST=	0
INDE	11	13	56	FOBS=	134.7	SIGMA=	1.5	PHAS=	-98.3	FOM=	0.96	TEST=	0
INDE	11	13	58	FOBS=	145.4	SIGMA=	1.3	PHAS=	-37.8	FOM=	0.91	TEST=	0
INDE	11	13	60	FOBS=	69.7	SIGMA=	2.6	PHAS=	58.7	FOM=	0.15	TEST=	0
INDE	11	13	62	FOBS=	38.9	SIGMA=	6.3	PHAS=	-167.9	FOM=	0.47	TEST=	1
INDE	11	13	64	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	11	13	66	FOBS=	66.2	SIGMA=	5.2	PHAS=	-147.5	FOM=	0.68	TEST=	0
INDE	11	14	11	FOBS=	161.7	SIGMA=	0.5	PHAS=	111.9	FOM=	0.97	TEST=	0
INDE	11	14	13	FOBS=	206.7	SIGMA=	0.5	PHAS=	-135.9	FOM=	0.88	TEST=	0
INDE	11	14	15	FOBS=	252.5	SIGMA=	0.5	PHAS=	162.5	FOM=	0.93	TEST=	0
INDE	11	14	17	FOBS=	185.0	SIGMA=	0.4	PHAS=	159.5	FOM=	0.99	TEST=	0
INDE	11	14	19	FOBS=	71.1	SIGMA=	0.9	PHAS=	-142.8	FOM=	0.96	TEST=	0
INDE	11	14	21	FOBS=	319.6	SIGMA=	0.4	PHAS=	16.2	FOM=	0.99	TEST=	0
INDE	11	14	23	FOBS=	50.2	SIGMA=	1.3	PHAS=	44.7	FOM=	0.82	TEST=	0
INDE	11	14	25	FOBS=	137.0	SIGMA=	0.6	PHAS=	99.4	FOM=	0.96	TEST=	0
INDE	11	14	27	FOBS=	167.6	SIGMA=	0.5	PHAS=	23.1	FOM=	0.94	TEST=	0
INDE	11	14	29	FOBS=	80.6	SIGMA=	1.0	PHAS=	117.0	FOM=	0.09	TEST=	0
INDE	11	14	31	FOBS=	118.4	SIGMA=	0.8	PHAS=	-10.0	FOM=	0.99	TEST=	0
INDE	11	14	33	FOBS=	66.6	SIGMA=	1.4	PHAS=	53.4	FOM=	0.93	TEST=	0
INDE	11	14	35	FOBS=	288.0	SIGMA=	0.6	PHAS=	-104.2	FOM=	0.95	TEST=	0
INDE	11	14	37	FOBS=	339.7	SIGMA=	0.7	PHAS=	-164.7	FOM=	0.97	TEST=	0
INDE	11	14	39	FOBS=	135.3	SIGMA=	1.1	PHAS=	126.1	FOM=	0.96	TEST=	0
INDE	11	14	41	FOBS=	258.5	SIGMA=	0.8	PHAS=	-2.8	FOM=	0.89	TEST=	1
INDE	11	14	43	FOBS=	157.1	SIGMA=	1.1	PHAS=	114.3	FOM=	0.98	TEST=	0
INDE	11	14	45	FOBS=	101.6	SIGMA=	1.6	PHAS=	4.4	FOM=	0.38	TEST=	1
INDE	11	14	47	FOBS=	172.6	SIGMA=	1.0	PHAS=	0.6	FOM=	0.97	TEST=	0
INDE	11	14	49	FOBS=	195.1	SIGMA=	0.9	PHAS=	169.3	FOM=	0.66	TEST=	1
INDE	11	14	51	FOBS=	222.1	SIGMA=	0.8	PHAS=	113.3	FOM=	0.97	TEST=	0
INDE	11	14	53	FOBS=	0.0	SIGMA=	18.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	11	14	55	FOBS=	57.8	SIGMA=	2.5	PHAS=	53.7	FOM=	0.90	TEST=	0
INDE	11	14	57	FOBS=	93.4	SIGMA=	1.5	PHAS=	107.9	FOM=	0.90	TEST=	0
INDE	11	14	59	FOBS=	100.2	SIGMA=	1.9	PHAS=	84.0	FOM=	0.86	TEST=	0
INDE	11	14	61	FOBS=	129.7	SIGMA=	2.1	PHAS=	74.2	FOM=	0.97	TEST=	0
INDE	11	14	63	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	14	65	FOBS=	70.6	SIGMA=	4.9	PHAS=	166.5	FOM=	0.87	TEST=	0
INDE	11	15	12	FOBS=	260.8	SIGMA=	0.4	PHAS=	-3.4	FOM=	0.93	TEST=	0
INDE	11	15	14	FOBS=	264.4	SIGMA=	0.4	PHAS=	110.0	FOM=	0.94	TEST=	0
INDE	11	15	16	FOBS=	158.6	SIGMA=	0.6	PHAS=	70.4	FOM=	0.96	TEST=	0
INDE	11	15	18	FOBS=	126.5	SIGMA=	0.5	PHAS=	46.8	FOM=	0.96	TEST=	0
INDE	11	15	20	FOBS=	80.8	SIGMA=	0.8	PHAS=	-59.0	FOM=	0.96	TEST=	0
INDE	11	15	22	FOBS=	180.6	SIGMA=	0.5	PHAS=	-139.2	FOM=	0.99	TEST=	0
INDE	11	15	24	FOBS=	206.5	SIGMA=	0.4	PHAS=	-8.0	FOM=	0.97	TEST=	0
INDE	11	15	26	FOBS=	220.5	SIGMA=	0.4	PHAS=	-16.7	FOM=	0.98	TEST=	0
INDE	11	15	28	FOBS=	166.9	SIGMA=	0.5	PHAS=	-117.9	FOM=	0.99	TEST=	0
INDE	11	15	30	FOBS=	53.7	SIGMA=	1.4	PHAS=	162.5	FOM=	0.78	TEST=	0
INDE	11	15	32	FOBS=	227.6	SIGMA=	0.5	PHAS=	-83.9	FOM=	0.92	TEST=	0
INDE	11	15	34	FOBS=	71.0	SIGMA=	1.3	PHAS=	107.7	FOM=	0.91	TEST=	0
INDE	11	15	36	FOBS=	219.4	SIGMA=	0.6	PHAS=	157.7	FOM=	0.92	TEST=	1
INDE	11	15	38	FOBS=	204.9	SIGMA=	0.7	PHAS=	107.4	FOM=	0.91	TEST=	0
INDE	11	15	40	FOBS=	100.2	SIGMA=	1.4	PHAS=	95.9	FOM=	0.68	TEST=	1
INDE	11	15	42	FOBS=	123.8	SIGMA=	1.3	PHAS=	-127.4	FOM=	0.91	TEST=	0
INDE	11	15	44	FOBS=	58.7	SIGMA=	2.8	PHAS=	-23.6	FOM=	0.88	TEST=	1
INDE	11	15	46	FOBS=	241.6	SIGMA=	0.9	PHAS=	-80.8	FOM=	0.92	TEST=	0
INDE	11	15	48	FOBS=	115.9	SIGMA=	1.4	PHAS=	-19.3	FOM=	0.81	TEST=	1
INDE	11	15	50	FOBS=	260.8	SIGMA=	0.8	PHAS=	36.3	FOM=	0.96	TEST=	0
INDE	11	15	52	FOBS=	26.0	SIGMA=	5.7	PHAS=	28.6	FOM=	0.57	TEST=	0
INDE	11	15	54	FOBS=	103.4	SIGMA=	1.4	PHAS=	23.0	FOM=	0.86	TEST=	0
INDE	11	15	56	FOBS=	75.4	SIGMA=	1.9	PHAS=	-18.8	FOM=	0.89	TEST=	0
INDE	11	15	58	FOBS=	69.1	SIGMA=	2.3	PHAS=	-33.1	FOM=	0.88	TEST=	0
INDE	11	15	60	FOBS=	93.4	SIGMA=	2.2	PHAS=	-4.6	FOM=	0.93	TEST=	0
INDE	11	15	62	FOBS=	54.2	SIGMA=	6.5	PHAS=	-45.3	FOM=	0.85	TEST=	0
INDE	11	15	64	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	15	66	FOBS=	37.2	SIGMA=	13.3	PHAS=	161.9	FOM=	0.22	TEST=	0
INDE	11	16	11	FOBS=	98.3	SIGMA=	0.6	PHAS=	-30.8	FOM=	0.91	TEST=	0
INDE	11	16	13	FOBS=	291.4	SIGMA=	0.4	PHAS=	-75.4	FOM=	0.93	TEST=	0
INDE	11	16	15	FOBS=	166.6	SIGMA=	0.5	PHAS=	-7.9	FOM=	0.91	TEST=	0
INDE	11	16	17	FOBS=	68.9	SIGMA=	1.1	PHAS=	-169.1	FOM=	0.98	TEST=	0
INDE	11	16	19	FOBS=	198.1	SIGMA=	0.4	PHAS=	-10.2	FOM=	0.98	TEST=	0
INDE	11	16	21	FOBS=	186.5	SIGMA=	0.5	PHAS=	76.7	FOM=	0.98	TEST=	0
INDE	11	16	23	FOBS=	136.0	SIGMA=	0.6	PHAS=	-125.8	FOM=	0.75	TEST=	0
INDE	11	16	25	FOBS=	118.2	SIGMA=	0.6	PHAS=	93.6	FOM=	0.84	TEST=	0
INDE	11	16	27	FOBS=	278.7	SIGMA=	0.4	PHAS=	175.3	FOM=	0.98	TEST=	1
INDE	11	16	29	FOBS=	29.2	SIGMA=	2.5	PHAS=	-46.6	FOM=	0.45	TEST=	0
INDE	11	16	31	FOBS=	188.5	SIGMA=	0.5	PHAS=	-156.6	FOM=	0.94	TEST=	0
INDE	11	16	33	FOBS=	216.0	SIGMA=	0.5	PHAS=	156.5	FOM=	0.98	TEST=	0
INDE	11	16	35	FOBS=	0.0	SIGMA=	14.3	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	11	16	37	FOBS=	137.2	SIGMA=	0.9	PHAS=	60.8	FOM=	0.97	TEST=	0
INDE	11	16	39	FOBS=	144.2	SIGMA=	0.9	PHAS=	-102.5	FOM=	0.87	TEST=	0
INDE	11	16	41	FOBS=	106.6	SIGMA=	1.3	PHAS=	154.7	FOM=	0.84	TEST=	0
INDE	11	16	43	FOBS=	65.6	SIGMA=	2.4	PHAS=	164.1	FOM=	0.94	TEST=	0
INDE	11	16	45	FOBS=	239.5	SIGMA=	0.8	PHAS=	170.0	FOM=	0.96	TEST=	0
INDE	11	16	47	FOBS=	101.1	SIGMA=	1.7	PHAS=	-152.5	FOM=	0.78	TEST=	0
INDE	11	16	49	FOBS=	90.2	SIGMA=	1.8	PHAS=	40.6	FOM=	0.92	TEST=	0
INDE	11	16	51	FOBS=	43.6	SIGMA=	3.5	PHAS=	-151.8	FOM=	0.62	TEST=	0
INDE	11	16	53	FOBS=	59.0	SIGMA=	2.5	PHAS=	-18.3	FOM=	0.54	TEST=	0
INDE	11	16	55	FOBS=	160.0	SIGMA=	0.9	PHAS=	-62.5	FOM=	0.95	TEST=	0
INDE	11	16	57	FOBS=	50.8	SIGMA=	3.2	PHAS=	-88.6	FOM=	0.65	TEST=	0
INDE	11	16	59	FOBS=	116.9	SIGMA=	1.8	PHAS=	141.3	FOM=	0.93	TEST=	0
INDE	11	16	61	FOBS=	36.1	SIGMA=	5.4	PHAS=	-171.4	FOM=	0.13	TEST=	1
INDE	11	16	63	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	16	65	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	17	12	FOBS=	153.4	SIGMA=	0.6	PHAS=	-125.3	FOM=	0.94	TEST=	0
INDE	11	17	14	FOBS=	157.7	SIGMA=	0.5	PHAS=	-120.7	FOM=	0.80	TEST=	0
INDE	11	17	16	FOBS=	33.7	SIGMA=	1.9	PHAS=	-133.2	FOM=	0.23	TEST=	0
INDE	11	17	18	FOBS=	68.5	SIGMA=	1.1	PHAS=	-109.6	FOM=	0.84	TEST=	1
INDE	11	17	20	FOBS=	247.6	SIGMA=	0.4	PHAS=	-13.7	FOM=	0.94	TEST=	0
INDE	11	17	22	FOBS=	54.9	SIGMA=	1.3	PHAS=	-31.0	FOM=	0.95	TEST=	0
INDE	11	17	24	FOBS=	222.3	SIGMA=	0.5	PHAS=	-46.3	FOM=	0.99	TEST=	0
INDE	11	17	26	FOBS=	105.1	SIGMA=	0.7	PHAS=	64.9	FOM=	0.95	TEST=	0
INDE	11	17	28	FOBS=	84.3	SIGMA=	0.9	PHAS=	96.8	FOM=	0.37	TEST=	0
INDE	11	17	30	FOBS=	77.1	SIGMA=	1.0	PHAS=	-174.4	FOM=	0.75	TEST=	0
INDE	11	17	32	FOBS=	56.2	SIGMA=	1.6	PHAS=	-146.1	FOM=	0.98	TEST=	1
INDE	11	17	34	FOBS=	107.5	SIGMA=	1.0	PHAS=	17.8	FOM=	0.60	TEST=	0
INDE	11	17	36	FOBS=	93.4	SIGMA=	1.2	PHAS=	-175.6	FOM=	0.87	TEST=	0
INDE	11	17	38	FOBS=	255.8	SIGMA=	0.6	PHAS=	95.4	FOM=	0.96	TEST=	0
INDE	11	17	40	FOBS=	143.2	SIGMA=	0.9	PHAS=	100.8	FOM=	0.92	TEST=	1
INDE	11	17	42	FOBS=	111.5	SIGMA=	1.3	PHAS=	53.4	FOM=	0.87	TEST=	0
INDE	11	17	44	FOBS=	228.0	SIGMA=	0.8	PHAS=	66.0	FOM=	0.95	TEST=	0
INDE	11	17	46	FOBS=	0.0	SIGMA=	18.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	17	48	FOBS=	115.8	SIGMA=	1.4	PHAS=	107.9	FOM=	0.88	TEST=	0
INDE	11	17	50	FOBS=	96.0	SIGMA=	1.7	PHAS=	-31.1	FOM=	0.91	TEST=	0
INDE	11	17	52	FOBS=	51.3	SIGMA=	2.9	PHAS=	128.0	FOM=	0.74	TEST=	0
INDE	11	17	54	FOBS=	168.1	SIGMA=	1.1	PHAS=	170.5	FOM=	0.93	TEST=	0
INDE	11	17	56	FOBS=	134.2	SIGMA=	1.1	PHAS=	-123.0	FOM=	0.92	TEST=	0
INDE	11	17	58	FOBS=	103.2	SIGMA=	2.0	PHAS=	-95.1	FOM=	0.81	TEST=	0
INDE	11	17	60	FOBS=	139.1	SIGMA=	1.5	PHAS=	1.3	FOM=	0.96	TEST=	0
INDE	11	17	62	FOBS=	51.2	SIGMA=	4.6	PHAS=	127.6	FOM=	0.80	TEST=	0
INDE	11	17	64	FOBS=	85.9	SIGMA=	3.3	PHAS=	-146.8	FOM=	0.89	TEST=	0
INDE	11	17	66	FOBS=	29.3	SIGMA=	15.9	PHAS=	-162.1	FOM=	0.52	TEST=	0
INDE	11	18	11	FOBS=	170.7	SIGMA=	0.4	PHAS=	-137.9	FOM=	0.87	TEST=	0
INDE	11	18	13	FOBS=	20.8	SIGMA=	2.9	PHAS=	-126.5	FOM=	0.88	TEST=	0
INDE	11	18	15	FOBS=	108.8	SIGMA=	0.8	PHAS=	53.8	FOM=	0.97	TEST=	0
INDE	11	18	17	FOBS=	134.5	SIGMA=	0.6	PHAS=	128.4	FOM=	0.96	TEST=	0
INDE	11	18	19	FOBS=	23.8	SIGMA=	3.0	PHAS=	-151.7	FOM=	0.69	TEST=	0
INDE	11	18	21	FOBS=	74.9	SIGMA=	1.0	PHAS=	102.2	FOM=	0.63	TEST=	0
INDE	11	18	23	FOBS=	291.9	SIGMA=	0.4	PHAS=	-97.9	FOM=	0.96	TEST=	0
INDE	11	18	25	FOBS=	22.0	SIGMA=	4.2	PHAS=	47.9	FOM=	0.44	TEST=	0
INDE	11	18	27	FOBS=	95.4	SIGMA=	0.9	PHAS=	-25.1	FOM=	0.99	TEST=	0
INDE	11	18	29	FOBS=	69.5	SIGMA=	1.1	PHAS=	-94.1	FOM=	0.58	TEST=	0
INDE	11	18	31	FOBS=	342.0	SIGMA=	0.5	PHAS=	-175.8	FOM=	0.99	TEST=	0
INDE	11	18	33	FOBS=	144.2	SIGMA=	0.7	PHAS=	157.9	FOM=	0.96	TEST=	0
INDE	11	18	35	FOBS=	262.3	SIGMA=	0.5	PHAS=	-168.6	FOM=	0.94	TEST=	0
INDE	11	18	37	FOBS=	244.6	SIGMA=	0.6	PHAS=	22.0	FOM=	0.91	TEST=	0
INDE	11	18	39	FOBS=	238.9	SIGMA=	0.7	PHAS=	-27.3	FOM=	0.97	TEST=	0
INDE	11	18	41	FOBS=	182.1	SIGMA=	0.8	PHAS=	93.6	FOM=	0.93	TEST=	0
INDE	11	18	43	FOBS=	216.1	SIGMA=	0.8	PHAS=	-8.0	FOM=	0.96	TEST=	0
INDE	11	18	45	FOBS=	41.6	SIGMA=	3.7	PHAS=	-86.0	FOM=	0.68	TEST=	0
INDE	11	18	47	FOBS=	144.3	SIGMA=	1.2	PHAS=	-138.1	FOM=	0.61	TEST=	1
INDE	11	18	49	FOBS=	210.6	SIGMA=	0.8	PHAS=	73.7	FOM=	0.96	TEST=	0
INDE	11	18	51	FOBS=	33.2	SIGMA=	5.0	PHAS=	-83.1	FOM=	0.18	TEST=	0
INDE	11	18	53	FOBS=	118.7	SIGMA=	1.5	PHAS=	134.3	FOM=	0.95	TEST=	0
INDE	11	18	55	FOBS=	146.8	SIGMA=	1.0	PHAS=	112.3	FOM=	0.94	TEST=	0
INDE	11	18	57	FOBS=	143.9	SIGMA=	1.5	PHAS=	120.6	FOM=	0.94	TEST=	0
INDE	11	18	59	FOBS=	66.4	SIGMA=	3.1	PHAS=	-119.9	FOM=	0.77	TEST=	0
INDE	11	18	61	FOBS=	26.4	SIGMA=	10.6	PHAS=	-52.5	FOM=	0.51	TEST=	0
INDE	11	18	63	FOBS=	136.0	SIGMA=	1.9	PHAS=	84.7	FOM=	0.93	TEST=	0

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TABLE 283

INDE	11	18	65	FOBS=	71.1	SIGMA=	4.9	PHAS=	77.5	FOM=	0.88	TEST=	0
INDE	11	18	67	FOBS=	100.3	SIGMA=	4.8	PHAS=	134.4	FOM=	0.92	TEST=	0
INDE	11	18	69	FOBS=	31.3	SIGMA=	15.3	PHAS=	-1.3	FOM=	0.48	TEST=	0
INDE	11	19	12	FOBS=	148.7	SIGMA=	0.5	PHAS=	-144.1	FOM=	0.93	TEST=	0
INDE	11	19	14	FOBS=	221.6	SIGMA=	0.4	PHAS=	10.7	FOM=	0.93	TEST=	0
INDE	11	19	16	FOBS=	70.2	SIGMA=	1.1	PHAS=	87.8	FOM=	0.90	TEST=	0
INDE	11	19	18	FOBS=	125.7	SIGMA=	0.7	PHAS=	-78.0	FOM=	0.96	TEST=	0
INDE	11	19	20	FOBS=	135.3	SIGMA=	0.6	PHAS=	-48.7	FOM=	0.99	TEST=	0
INDE	11	19	22	FOBS=	78.1	SIGMA=	1.0	PHAS=	114.0	FOM=	0.94	TEST=	0
INDE	11	19	24	FOBS=	35.0	SIGMA=	2.1	PHAS=	-111.2	FOM=	0.97	TEST=	0
INDE	11	19	26	FOBS=	159.6	SIGMA=	0.6	PHAS=	122.9	FOM=	0.92	TEST=	0
INDE	11	19	28	FOBS=	167.9	SIGMA=	0.6	PHAS=	138.6	FOM=	0.94	TEST=	0
INDE	11	19	30	FOBS=	89.0	SIGMA=	1.0	PHAS=	20.7	FOM=	0.99	TEST=	0
INDE	11	19	32	FOBS=	154.5	SIGMA=	0.7	PHAS=	92.5	FOM=	0.85	TEST=	0
INDE	11	19	34	FOBS=	242.6	SIGMA=	0.5	PHAS=	165.1	FOM=	0.94	TEST=	0
INDE	11	19	36	FOBS=	129.5	SIGMA=	0.9	PHAS=	33.2	FOM=	0.90	TEST=	0
INDE	11	19	38	FOBS=	40.3	SIGMA=	3.0	PHAS=	98.7	FOM=	0.83	TEST=	0
INDE	11	19	40	FOBS=	258.6	SIGMA=	0.7	PHAS=	-76.9	FOM=	0.93	TEST=	0
INDE	11	19	42	FOBS=	263.1	SIGMA=	0.7	PHAS=	-24.1	FOM=	0.92	TEST=	0
INDE	11	19	44	FOBS=	45.9	SIGMA=	3.6	PHAS=	149.3	FOM=	0.74	TEST=	0
INDE	11	19	46	FOBS=	196.6	SIGMA=	0.9	PHAS=	-85.5	FOM=	0.86	TEST=	0
INDE	11	19	48	FOBS=	33.3	SIGMA=	5.0	PHAS=	60.8	FOM=	0.29	TEST=	1
INDE	11	19	50	FOBS=	76.4	SIGMA=	2.1	PHAS=	-58.4	FOM=	0.85	TEST=	0
INDE	11	19	52	FOBS=	37.4	SIGMA=	4.1	PHAS=	83.7	FOM=	0.50	TEST=	0
INDE	11	19	54	FOBS=	93.1	SIGMA=	1.8	PHAS=	16.8	FOM=	0.92	TEST=	0
INDE	11	19	56	FOBS=	105.9	SIGMA=	2.0	PHAS=	5.2	FOM=	0.91	TEST=	0
INDE	11	19	58	FOBS=	19.4	SIGMA=	10.4	PHAS=	132.5	FOM=	0.17	TEST=	0
INDE	11	19	60	FOBS=	138.1	SIGMA=	1.9	PHAS=	-27.4	FOM=	0.91	TEST=	0
INDE	11	19	62	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	19	64	FOBS=	0.0	SIGMA=	26.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	19	66	FOBS=	179.5	SIGMA=	2.9	PHAS=	12.0	FOM=	0.97	TEST=	0
INDE	11	19	68	FOBS=	45.4	SIGMA=	10.5	PHAS=	-114.4	FOM=	0.83	TEST=	0
INDE	11	19	70	FOBS=	44.6	SIGMA=	10.8	PHAS=	-129.9	FOM=	0.79	TEST=	0
INDE	11	20	11	FOBS=	111.6	SIGMA=	0.6	PHAS=	156.8	FOM=	0.89	TEST=	0
INDE	11	20	13	FOBS=	136.6	SIGMA=	0.6	PHAS=	-100.5	FOM=	0.99	TEST=	0
INDE	11	20	15	FOBS=	230.9	SIGMA=	0.5	PHAS=	-132.5	FOM=	0.97	TEST=	0
INDE	11	20	17	FOBS=	147.8	SIGMA=	0.5	PHAS=	153.9	FOM=	0.99	TEST=	0
INDE	11	20	19	FOBS=	167.0	SIGMA=	0.6	PHAS=	156.2	FOM=	0.93	TEST=	0
INDE	11	20	21	FOBS=	153.9	SIGMA=	0.6	PHAS=	-165.9	FOM=	0.96	TEST=	0
INDE	11	20	23	FOBS=	153.9	SIGMA=	0.6	PHAS=	-36.2	FOM=	0.90	TEST=	0
INDE	11	20	25	FOBS=	99.2	SIGMA=	0.8	PHAS=	30.6	FOM=	0.89	TEST=	0
INDE	11	20	27	FOBS=	426.6	SIGMA=	0.5	PHAS=	8.3	FOM=	0.97	TEST=	0
INDE	11	20	29	FOBS=	99.6	SIGMA=	1.0	PHAS=	60.7	FOM=	0.99	TEST=	0
INDE	11	20	31	FOBS=	251.3	SIGMA=	0.5	PHAS=	-148.4	FOM=	0.86	TEST=	1
INDE	11	20	33	FOBS=	154.3	SIGMA=	0.7	PHAS=	79.4	FOM=	0.96	TEST=	0
INDE	11	20	35	FOBS=	110.0	SIGMA=	1.1	PHAS=	-18.8	FOM=	0.65	TEST=	0
INDE	11	20	37	FOBS=	321.2	SIGMA=	0.5	PHAS=	-14.8	FOM=	0.93	TEST=	0
INDE	11	20	39	FOBS=	212.0	SIGMA=	0.7	PHAS=	-101.0	FOM=	0.97	TEST=	0
INDE	11	20	41	FOBS=	89.6	SIGMA=	1.6	PHAS=	-163.2	FOM=	0.93	TEST=	0
INDE	11	20	43	FOBS=	269.5	SIGMA=	0.7	PHAS=	-26.3	FOM=	0.86	TEST=	0
INDE	11	20	45	FOBS=	144.6	SIGMA=	1.1	PHAS=	-135.9	FOM=	0.86	TEST=	0
INDE	11	20	47	FOBS=	140.5	SIGMA=	1.1	PHAS=	-149.3	FOM=	0.91	TEST=	0
INDE	11	20	49	FOBS=	94.7	SIGMA=	1.6	PHAS=	65.4	FOM=	0.89	TEST=	0
INDE	11	20	51	FOBS=	30.0	SIGMA=	5.1	PHAS=	33.3	FOM=	0.64	TEST=	0
INDE	11	20	53	FOBS=	59.9	SIGMA=	2.9	PHAS=	47.6	FOM=	0.25	TEST=	1
INDE	11	20	55	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	20	57	FOBS=	51.1	SIGMA=	4.1	PHAS=	155.1	FOM=	0.48	TEST=	0
INDE	11	20	59	FOBS=	46.6	SIGMA=	4.8	PHAS=	-85.4	FOM=	0.69	TEST=	0
INDE	11	20	61	FOBS=	56.3	SIGMA=	6.2	PHAS=	136.0	FOM=	0.61	TEST=	0
INDE	11	20	63	FOBS=	128.6	SIGMA=	2.0	PHAS=	58.0	FOM=	0.92	TEST=	0
INDE	11	20	65	FOBS=	101.9	SIGMA=	4.9	PHAS=	-106.2	FOM=	0.94	TEST=	0
INDE	11	20	67	FOBS=	60.3	SIGMA=	8.0	PHAS=	-164.7	FOM=	0.81	TEST=	0
INDE	11	20	69	FOBS=	64.9	SIGMA=	7.6	PHAS=	142.8	FOM=	0.77	TEST=	0
INDE	11	20	71	FOBS=	83.5	SIGMA=	6.1	PHAS=	64.1	FOM=	0.83	TEST=	0
INDE	11	20	73	FOBS=	0.0	SIGMA=	32.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	21	12	FOBS=	154.1	SIGMA=	0.5	PHAS=	141.8	FOM=	0.98	TEST=	0
INDE	11	21	14	FOBS=	175.6	SIGMA=	0.5	PHAS=	98.6	FOM=	0.96	TEST=	0
INDE	11	21	16	FOBS=	199.9	SIGMA=	0.6	PHAS=	118.2	FOM=	0.96	TEST=	0
INDE	11	21	18	FOBS=	203.2	SIGMA=	0.5	PHAS=	-3.1	FOM=	0.99	TEST=	0
INDE	11	21	20	FOBS=	268.5	SIGMA=	0.5	PHAS=	126.6	FOM=	0.99	TEST=	0

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INDE	11	21	22	FOBS=	67.3	SIGMA=	1.2	PHAS=	-93.6	FOM=	0.96	TEST=	0
INDE	11	21	24	FOBS=	209.7	SIGMA=	0.5	PHAS=	-53.9	FOM=	0.99	TEST=	1
INDE	11	21	26	FOBS=	167.0	SIGMA=	0.7	PHAS=	-127.1	FOM=	0.94	TEST=	1
INDE	11	21	28	FOBS=	182.7	SIGMA=	0.6	PHAS=	-19.3	FOM=	0.93	TEST=	0
INDE	11	21	30	FOBS=	75.9	SIGMA=	1.4	PHAS=	28.5	FOM=	0.94	TEST=	0
INDE	11	21	32	FOBS=	116.4	SIGMA=	1.0	PHAS=	174.3	FOM=	0.99	TEST=	0
INDE	11	21	34	FOBS=	87.4	SIGMA=	1.3	PHAS=	-149.8	FOM=	0.87	TEST=	0
INDE	11	21	36	FOBS=	132.7	SIGMA=	1.0	PHAS=	-130.7	FOM=	0.70	TEST=	1
INDE	11	21	38	FOBS=	115.5	SIGMA=	1.1	PHAS=	-128.8	FOM=	0.99	TEST=	0
INDE	11	21	40	FOBS=	173.4	SIGMA=	0.9	PHAS=	-129.9	FOM=	0.96	TEST=	0
INDE	11	21	42	FOBS=	144.6	SIGMA=	1.1	PHAS=	-154.0	FOM=	0.82	TEST=	0
INDE	11	21	44	FOBS=	327.7	SIGMA=	0.6	PHAS=	-140.2	FOM=	0.97	TEST=	0
INDE	11	21	46	FOBS=	78.4	SIGMA=	1.9	PHAS=	101.6	FOM=	0.96	TEST=	1
INDE	11	21	48	FOBS=	114.3	SIGMA=	1.3	PHAS=	153.9	FOM=	0.94	TEST=	0
INDE	11	21	50	FOBS=	173.8	SIGMA=	0.9	PHAS=	-15.7	FOM=	0.88	TEST=	0
INDE	11	21	52	FOBS=	58.2	SIGMA=	3.7	PHAS=	-67.5	FOM=	0.41	TEST=	0
INDE	11	21	54	FOBS=	93.1	SIGMA=	2.3	PHAS=	-36.6	FOM=	0.74	TEST=	0
INDE	11	21	56	FOBS=	82.8	SIGMA=	2.6	PHAS=	142.7	FOM=	0.68	TEST=	0
INDE	11	21	58	FOBS=	33.5	SIGMA=	6.1	PHAS=	1.8	FOM=	0.39	TEST=	0
INDE	11	21	60	FOBS=	135.9	SIGMA=	1.9	PHAS=	-29.5	FOM=	0.94	TEST=	0
INDE	11	21	62	FOBS=	97.6	SIGMA=	2.6	PHAS=	-36.1	FOM=	0.95	TEST=	0
INDE	11	21	64	FOBS=	67.3	SIGMA=	5.1	PHAS=	160.2	FOM=	0.56	TEST=	0
INDE	11	21	66	FOBS=	133.5	SIGMA=	3.7	PHAS=	62.6	FOM=	0.93	TEST=	0
INDE	11	21	68	FOBS=	55.1	SIGMA=	8.8	PHAS=	-147.6	FOM=	0.68	TEST=	0
INDE	11	21	70	FOBS=	40.1	SIGMA=	12.3	PHAS=	-14.5	FOM=	0.61	TEST=	0
INDE	11	21	72	FOBS=	43.7	SIGMA=	11.6	PHAS=	-73.9	FOM=	0.61	TEST=	0
INDE	11	21	74	FOBS=	45.8	SIGMA=	11.5	PHAS=	-134.4	FOM=	0.07	TEST=	0
INDE	11	22	11	FOBS=	77.3	SIGMA=	0.8	PHAS=	-62.3	FOM=	0.98	TEST=	0
INDE	11	22	13	FOBS=	158.9	SIGMA=	0.5	PHAS=	-21.3	FOM=	0.98	TEST=	0
INDE	11	22	15	FOBS=	167.0	SIGMA=	0.6	PHAS=	-55.4	FOM=	0.99	TEST=	0
INDE	11	22	17	FOBS=	155.6	SIGMA=	0.6	PHAS=	-46.2	FOM=	0.94	TEST=	0
INDE	11	22	19	FOBS=	202.9	SIGMA=	0.5	PHAS=	50.1	FOM=	0.87	TEST=	1
INDE	11	22	21	FOBS=	72.1	SIGMA=	1.1	PHAS=	-18.2	FOM=	0.97	TEST=	0
INDE	11	22	23	FOBS=	108.9	SIGMA=	0.9	PHAS=	-138.4	FOM=	0.98	TEST=	0
INDE	11	22	25	FOBS=	275.2	SIGMA=	0.6	PHAS=	-119.6	FOM=	0.97	TEST=	0
INDE	11	22	27	FOBS=	0.0	SIGMA=	14.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	22	29	FOBS=	116.0	SIGMA=	0.9	PHAS=	165.6	FOM=	0.96	TEST=	0
INDE	11	22	31	FOBS=	101.3	SIGMA=	1.1	PHAS=	-127.5	FOM=	0.96	TEST=	0
INDE	11	22	33	FOBS=	88.8	SIGMA=	1.4	PHAS=	165.5	FOM=	0.91	TEST=	1
INDE	11	22	35	FOBS=	113.7	SIGMA=	1.1	PHAS=	-81.0	FOM=	0.47	TEST=	1
INDE	11	22	37	FOBS=	87.3	SIGMA=	1.5	PHAS=	-4.9	FOM=	0.92	TEST=	0
INDE	11	22	39	FOBS=	255.2	SIGMA=	0.6	PHAS=	-157.6	FOM=	0.97	TEST=	0
INDE	11	22	41	FOBS=	102.4	SIGMA=	1.5	PHAS=	108.7	FOM=	0.82	TEST=	0
INDE	11	22	43	FOBS=	177.5	SIGMA=	1.0	PHAS=	85.8	FOM=	0.93	TEST=	0
INDE	11	22	45	FOBS=	150.3	SIGMA=	1.1	PHAS=	103.9	FOM=	0.90	TEST=	0
INDE	11	22	47	FOBS=	170.9	SIGMA=	0.9	PHAS=	15.1	FOM=	0.94	TEST=	0
INDE	11	22	49	FOBS=	105.1	SIGMA=	1.5	PHAS=	-45.6	FOM=	0.85	TEST=	0
INDE	11	22	51	FOBS=	117.3	SIGMA=	1.6	PHAS=	-75.7	FOM=	0.84	TEST=	0
INDE	11	22	53	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	22	55	FOBS=	47.1	SIGMA=	4.4	PHAS=	-85.3	FOM=	0.15	TEST=	1
INDE	11	22	57	FOBS=	27.7	SIGMA=	8.3	PHAS=	-125.3	FOM=	0.42	TEST=	0
INDE	11	22	59	FOBS=	113.0	SIGMA=	2.0	PHAS=	-117.6	FOM=	0.93	TEST=	0
INDE	11	22	61	FOBS=	109.6	SIGMA=	2.3	PHAS=	-77.7	FOM=	0.79	TEST=	0
INDE	11	22	63	FOBS=	108.9	SIGMA=	2.3	PHAS=	-104.7	FOM=	0.87	TEST=	0
INDE	11	22	65	FOBS=	108.5	SIGMA=	4.4	PHAS=	-88.5	FOM=	0.94	TEST=	0
INDE	11	22	67	FOBS=	13.8	SIGMA=	34.0	PHAS=	137.6	FOM=	0.18	TEST=	0
INDE	11	22	69	FOBS=	38.5	SIGMA=	12.5	PHAS=	-129.9	FOM=	0.76	TEST=	0
INDE	11	22	71	FOBS=	41.9	SIGMA=	12.0	PHAS=	34.3	FOM=	0.75	TEST=	0
INDE	11	22	73	FOBS=	53.1	SIGMA=	9.8	PHAS=	144.8	FOM=	0.66	TEST=	0
INDE	11	23	12	FOBS=	128.7	SIGMA=	0.6	PHAS=	110.1	FOM=	0.71	TEST=	0
INDE	11	23	14	FOBS=	86.0	SIGMA=	0.9	PHAS=	179.1	FOM=	0.99	TEST=	0
INDE	11	23	16	FOBS=	199.4	SIGMA=	0.6	PHAS=	-138.3	FOM=	0.90	TEST=	0
INDE	11	23	18	FOBS=	183.4	SIGMA=	0.5	PHAS=	-53.4	FOM=	0.98	TEST=	0
INDE	11	23	20	FOBS=	30.6	SIGMA=	2.6	PHAS=	-69.5	FOM=	0.91	TEST=	0
INDE	11	23	22	FOBS=	92.4	SIGMA=	1.0	PHAS=	-6.3	FOM=	0.99	TEST=	0
INDE	11	23	24	FOBS=	127.5	SIGMA=	0.9	PHAS=	80.0	FOM=	0.43	TEST=	1
INDE	11	23	26	FOBS=	225.6	SIGMA=	0.6	PHAS=	157.9	FOM=	0.90	TEST=	0
INDE	11	23	28	FOBS=	16.9	SIGMA=	7.1	PHAS=	75.2	FOM=	0.06	TEST=	0
INDE	11	23	30	FOBS=	54.4	SIGMA=	2.0	PHAS=	28.9	FOM=	0.98	TEST=	0
INDE	11	23	32	FOBS=	134.8	SIGMA=	0.9	PHAS=	54.2	FOM=	0.79	TEST=	0

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INDE	11	23	34	FOBS=	87.2	SIGMA=	1.5	PHAS=	97.9	FOM=	0.72	TEST=	0
INDE	11	23	36	FOBS=	131.0	SIGMA=	1.1	PHAS=	-175.2	FOM=	0.96	TEST=	0
INDE	11	23	38	FOBS=	67.9	SIGMA=	2.0	PHAS=	51.8	FOM=	0.66	TEST=	0
INDE	11	23	40	FOBS=	200.9	SIGMA=	0.8	PHAS=	100.4	FOM=	0.96	TEST=	0
INDE	11	23	42	FOBS=	72.8	SIGMA=	2.1	PHAS=	-74.3	FOM=	0.66	TEST=	0
INDE	11	23	44	FOBS=	136.6	SIGMA=	1.1	PHAS=	-74.0	FOM=	0.91	TEST=	0
INDE	11	23	46	FOBS=	190.3	SIGMA=	0.8	PHAS=	-34.9	FOM=	0.94	TEST=	0
INDE	11	23	48	FOBS=	132.0	SIGMA=	1.2	PHAS=	-154.5	FOM=	0.92	TEST=	0
INDE	11	23	50	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	11	23	52	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	11	23	54	FOBS=	80.9	SIGMA=	2.7	PHAS=	-1.2	FOM=	0.90	TEST=	0
INDE	11	23	56	FOBS=	120.8	SIGMA=	2.0	PHAS=	147.4	FOM=	0.94	TEST=	0
INDE	11	23	58	FOBS=	46.1	SIGMA=	4.5	PHAS=	164.2	FOM=	0.72	TEST=	0
INDE	11	23	60	FOBS=	0.0	SIGMA=	17.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	23	62	FOBS=	27.0	SIGMA=	12.9	PHAS=	144.9	FOM=	0.13	TEST=	0
INDE	11	23	64	FOBS=	129.1	SIGMA=	3.7	PHAS=	159.6	FOM=	0.89	TEST=	0
INDE	11	23	66	FOBS=	91.8	SIGMA=	5.1	PHAS=	48.1	FOM=	0.88	TEST=	0
INDE	11	23	68	FOBS=	49.3	SIGMA=	9.5	PHAS=	177.4	FOM=	0.67	TEST=	0
INDE	11	23	70	FOBS=	58.4	SIGMA=	8.3	PHAS=	53.2	FOM=	0.11	TEST=	0
INDE	11	23	72	FOBS=	51.9	SIGMA=	9.9	PHAS=	-52.0	FOM=	0.54	TEST=	0
INDE	11	24	11	FOBS=	99.8	SIGMA=	0.7	PHAS=	-58.1	FOM=	0.99	TEST=	0
INDE	11	24	13	FOBS=	118.1	SIGMA=	0.7	PHAS=	25.9	FOM=	0.90	TEST=	0
INDE	11	24	15	FOBS=	166.4	SIGMA=	0.6	PHAS=	-166.4	FOM=	0.99	TEST=	0
INDE	11	24	17	FOBS=	226.4	SIGMA=	0.6	PHAS=	-166.1	FOM=	0.98	TEST=	0
INDE	11	24	19	FOBS=	39.9	SIGMA=	1.9	PHAS=	69.1	FOM=	0.96	TEST=	0
INDE	11	24	21	FOBS=	363.9	SIGMA=	0.7	PHAS=	-36.2	FOM=	0.98	TEST=	1
INDE	11	24	23	FOBS=	107.6	SIGMA=	1.0	PHAS=	-71.5	FOM=	0.90	TEST=	0
INDE	11	24	25	FOBS=	204.8	SIGMA=	0.6	PHAS=	-23.9	FOM=	0.87	TEST=	0
INDE	11	24	27	FOBS=	168.7	SIGMA=	0.9	PHAS=	-40.4	FOM=	0.91	TEST=	0
INDE	11	24	29	FOBS=	135.8	SIGMA=	1.1	PHAS=	-150.3	FOM=	0.99	TEST=	0
INDE	11	24	31	FOBS=	153.0	SIGMA=	0.9	PHAS=	22.0	FOM=	0.97	TEST=	0
INDE	11	24	33	FOBS=	219.3	SIGMA=	0.7	PHAS=	-105.6	FOM=	0.95	TEST=	0
INDE	11	24	35	FOBS=	211.4	SIGMA=	0.7	PHAS=	-8.0	FOM=	0.91	TEST=	0
INDE	11	24	37	FOBS=	185.4	SIGMA=	0.9	PHAS=	27.2	FOM=	0.91	TEST=	0
INDE	11	24	39	FOBS=	40.7	SIGMA=	3.7	PHAS=	-51.2	FOM=	0.89	TEST=	0
INDE	11	24	41	FOBS=	275.2	SIGMA=	0.7	PHAS=	35.3	FOM=	0.95	TEST=	0
INDE	11	24	43	FOBS=	65.2	SIGMA=	2.4	PHAS=	-144.0	FOM=	0.80	TEST=	0
INDE	11	24	45	FOBS=	113.9	SIGMA=	1.3	PHAS=	-24.2	FOM=	0.85	TEST=	0
INDE	11	24	47	FOBS=	63.6	SIGMA=	2.7	PHAS=	92.0	FOM=	0.72	TEST=	0
INDE	11	24	49	FOBS=	39.5	SIGMA=	4.6	PHAS=	-34.9	FOM=	0.24	TEST=	0
INDE	11	24	51	FOBS=	39.4	SIGMA=	4.3	PHAS=	-108.0	FOM=	0.31	TEST=	0
INDE	11	24	53	FOBS=	49.9	SIGMA=	3.8	PHAS=	50.9	FOM=	0.50	TEST=	0
INDE	11	24	55	FOBS=	103.9	SIGMA=	2.0	PHAS=	10.4	FOM=	0.94	TEST=	0
INDE	11	24	57	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	24	59	FOBS=	68.8	SIGMA=	3.6	PHAS=	-144.4	FOM=	0.71	TEST=	0
INDE	11	24	61	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	24	63	FOBS=	22.8	SIGMA=	12.2	PHAS=	87.2	FOM=	0.37	TEST=	0
INDE	11	24	65	FOBS=	40.6	SIGMA=	11.7	PHAS=	-52.8	FOM=	0.60	TEST=	0
INDE	11	24	69	FOBS=	0.0	SIGMA=	30.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	24	71	FOBS=	27.7	SIGMA=	17.7	PHAS=	15.8	FOM=	0.24	TEST=	0
INDE	11	24	73	FOBS=	46.2	SIGMA=	11.4	PHAS=	28.5	FOM=	0.32	TEST=	0
INDE	11	25	12	FOBS=	30.9	SIGMA=	2.2	PHAS=	170.1	FOM=	0.98	TEST=	1
INDE	11	25	14	FOBS=	77.8	SIGMA=	1.0	PHAS=	120.4	FOM=	0.80	TEST=	0
INDE	11	25	16	FOBS=	64.5	SIGMA=	1.3	PHAS=	-173.7	FOM=	0.98	TEST=	0
INDE	11	25	18	FOBS=	91.4	SIGMA=	0.9	PHAS=	127.8	FOM=	0.99	TEST=	0
INDE	11	25	20	FOBS=	125.9	SIGMA=	0.8	PHAS=	-100.9	FOM=	0.92	TEST=	0
INDE	11	25	22	FOBS=	84.5	SIGMA=	1.2	PHAS=	179.5	FOM=	0.95	TEST=	1
INDE	11	25	24	FOBS=	110.7	SIGMA=	1.0	PHAS=	-102.4	FOM=	0.79	TEST=	0
INDE	11	25	26	FOBS=	179.3	SIGMA=	0.7	PHAS=	-86.4	FOM=	0.82	TEST=	0
INDE	11	25	28	FOBS=	193.3	SIGMA=	0.8	PHAS=	-150.1	FOM=	0.98	TEST=	0
INDE	11	25	30	FOBS=	59.9	SIGMA=	2.2	PHAS=	89.2	FOM=	0.78	TEST=	0
INDE	11	25	32	FOBS=	125.7	SIGMA=	1.1	PHAS=	32.8	FOM=	0.98	TEST=	0
INDE	11	25	34	FOBS=	109.3	SIGMA=	1.3	PHAS=	164.0	FOM=	0.83	TEST=	0
INDE	11	25	36	FOBS=	219.3	SIGMA=	0.8	PHAS=	-163.2	FOM=	0.95	TEST=	0
INDE	11	25	38	FOBS=	95.0	SIGMA=	1.7	PHAS=	178.2	FOM=	0.94	TEST=	0
INDE	11	25	40	FOBS=	144.4	SIGMA=	1.2	PHAS=	-41.7	FOM=	0.86	TEST=	0
INDE	11	25	42	FOBS=	242.9	SIGMA=	0.8	PHAS=	-139.6	FOM=	0.94	TEST=	0
INDE	11	25	44	FOBS=	136.9	SIGMA=	1.2	PHAS=	-119.9	FOM=	0.76	TEST=	0
INDE	11	25	46	FOBS=	221.9	SIGMA=	0.9	PHAS=	-0.2	FOM=	0.91	TEST=	0
INDE	11	25	48	FOBS=	115.1	SIGMA=	1.6	PHAS=	-75.0	FOM=	0.77	TEST=	1

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INDE	11	25	50	FOBS=	105.7	SIGMA=	1.7	PHAS=	-62.1	FOM=	0.82	TEST=	0
INDE	11	25	52	FOBS=	40.4	SIGMA=	4.2	PHAS=	7.8	FOM=	0.39	TEST=	0
INDE	11	25	54	FOBS=	120.4	SIGMA=	1.6	PHAS=	-45.8	FOM=	0.95	TEST=	0
INDE	11	25	56	FOBS=	79.4	SIGMA=	2.4	PHAS=	1.5	FOM=	0.85	TEST=	0
INDE	11	25	58	FOBS=	112.7	SIGMA=	2.3	PHAS=	85.9	FOM=	0.62	TEST=	1
INDE	11	25	60	FOBS=	97.4	SIGMA=	2.6	PHAS=	41.6	FOM=	0.82	TEST=	0
INDE	11	25	62	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	25	64	FOBS=	98.7	SIGMA=	5.0	PHAS=	48.1	FOM=	0.90	TEST=	0
INDE	11	25	66	FOBS=	90.8	SIGMA=	5.4	PHAS=	15.3	FOM=	0.91	TEST=	0
INDE	11	25	68	FOBS=	41.8	SIGMA=	11.6	PHAS=	-116.9	FOM=	0.38	TEST=	0
INDE	11	25	70	FOBS=	0.0	SIGMA=	30.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	25	72	FOBS=	43.1	SIGMA=	11.6	PHAS=	119.1	FOM=	0.03	TEST=	1
INDE	11	26	11	FOBS=	96.1	SIGMA=	0.8	PHAS=	64.1	FOM=	0.94	TEST=	0
INDE	11	26	13	FOBS=	67.4	SIGMA=	1.2	PHAS=	42.1	FOM=	0.98	TEST=	0
INDE	11	26	15	FOBS=	35.5	SIGMA=	2.2	PHAS=	111.4	FOM=	0.95	TEST=	0
INDE	11	26	17	FOBS=	119.5	SIGMA=	0.9	PHAS=	178.6	FOM=	0.96	TEST=	0
INDE	11	26	19	FOBS=	76.7	SIGMA=	1.3	PHAS=	155.0	FOM=	0.81	TEST=	0
INDE	11	26	21	FOBS=	339.4	SIGMA=	0.5	PHAS=	-95.9	FOM=	0.94	TEST=	0
INDE	11	26	23	FOBS=	158.0	SIGMA=	0.8	PHAS=	-94.9	FOM=	0.77	TEST=	1
INDE	11	26	25	FOBS=	234.9	SIGMA=	0.6	PHAS=	159.4	FOM=	0.97	TEST=	0
INDE	11	26	27	FOBS=	48.4	SIGMA=	2.2	PHAS=	145.8	FOM=	0.81	TEST=	0
INDE	11	26	29	FOBS=	115.2	SIGMA=	1.2	PHAS=	-151.7	FOM=	0.79	TEST=	0
INDE	11	26	31	FOBS=	185.0	SIGMA=	0.9	PHAS=	-13.0	FOM=	0.91	TEST=	0
INDE	11	26	33	FOBS=	142.7	SIGMA=	1.1	PHAS=	-40.1	FOM=	0.97	TEST=	0
INDE	11	26	35	FOBS=	48.9	SIGMA=	3.0	PHAS=	3.9	FOM=	0.27	TEST=	0
INDE	11	26	37	FOBS=	192.4	SIGMA=	1.0	PHAS=	-8.1	FOM=	0.97	TEST=	0
INDE	11	26	39	FOBS=	115.4	SIGMA=	1.5	PHAS=	-116.9	FOM=	0.79	TEST=	0
INDE	11	26	41	FOBS=	166.9	SIGMA=	1.1	PHAS=	114.7	FOM=	0.89	TEST=	0
INDE	11	26	43	FOBS=	60.4	SIGMA=	3.0	PHAS=	146.7	FOM=	0.14	TEST=	0
INDE	11	26	45	FOBS=	57.8	SIGMA=	3.1	PHAS=	-96.1	FOM=	0.52	TEST=	0
INDE	11	26	47	FOBS=	182.3	SIGMA=	1.0	PHAS=	-138.2	FOM=	0.86	TEST=	0
INDE	11	26	49	FOBS=	87.1	SIGMA=	2.0	PHAS=	-126.1	FOM=	0.89	TEST=	1
INDE	11	26	51	FOBS=	101.8	SIGMA=	1.7	PHAS=	-161.9	FOM=	0.69	TEST=	0
INDE	11	26	53	FOBS=	118.9	SIGMA=	1.5	PHAS=	-125.6	FOM=	0.94	TEST=	0
INDE	11	26	55	FOBS=	200.7	SIGMA=	1.0	PHAS=	-105.2	FOM=	0.97	TEST=	0
INDE	11	26	57	FOBS=	147.0	SIGMA=	1.3	PHAS=	-92.2	FOM=	0.95	TEST=	0
INDE	11	26	59	FOBS=	65.4	SIGMA=	3.9	PHAS=	-111.7	FOM=	0.28	TEST=	1
INDE	11	26	61	FOBS=	52.8	SIGMA=	3.3	PHAS=	-129.7	FOM=	0.39	TEST=	0
INDE	11	26	63	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	26	65	FOBS=	136.8	SIGMA=	3.7	PHAS=	-69.3	FOM=	0.96	TEST=	0
INDE	11	26	67	FOBS=	61.7	SIGMA=	8.0	PHAS=	-34.3	FOM=	0.88	TEST=	0
INDE	11	26	69	FOBS=	56.2	SIGMA=	8.8	PHAS=	126.3	FOM=	0.78	TEST=	0
INDE	11	26	71	FOBS=	0.0	SIGMA=	31.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	27	12	FOBS=	99.5	SIGMA=	0.8	PHAS=	-53.8	FOM=	0.95	TEST=	0
INDE	11	27	14	FOBS=	19.3	SIGMA=	4.3	PHAS=	-31.1	FOM=	0.91	TEST=	1
INDE	11	27	16	FOBS=	97.5	SIGMA=	1.0	PHAS=	-94.3	FOM=	0.97	TEST=	0
INDE	11	27	18	FOBS=	202.3	SIGMA=	0.6	PHAS=	155.2	FOM=	0.97	TEST=	0
INDE	11	27	20	FOBS=	150.9	SIGMA=	0.8	PHAS=	92.2	FOM=	0.81	TEST=	0
INDE	11	27	22	FOBS=	294.8	SIGMA=	0.6	PHAS=	126.7	FOM=	0.97	TEST=	0
INDE	11	27	24	FOBS=	111.3	SIGMA=	1.1	PHAS=	-173.5	FOM=	0.93	TEST=	0
INDE	11	27	26	FOBS=	260.9	SIGMA=	0.6	PHAS=	44.2	FOM=	0.93	TEST=	0
INDE	11	27	28	FOBS=	116.7	SIGMA=	1.0	PHAS=	52.3	FOM=	0.82	TEST=	0
INDE	11	27	30	FOBS=	76.3	SIGMA=	1.8	PHAS=	173.8	FOM=	0.87	TEST=	0
INDE	11	27	32	FOBS=	85.1	SIGMA=	1.8	PHAS=	-117.7	FOM=	0.85	TEST=	0
INDE	11	27	34	FOBS=	90.8	SIGMA=	1.8	PHAS=	-153.4	FOM=	0.96	TEST=	0
INDE	11	27	36	FOBS=	253.3	SIGMA=	0.8	PHAS=	164.7	FOM=	0.96	TEST=	1
INDE	11	27	38	FOBS=	333.6	SIGMA=	0.8	PHAS=	-177.3	FOM=	0.97	TEST=	0
INDE	11	27	40	FOBS=	129.8	SIGMA=	1.5	PHAS=	17.8	FOM=	0.91	TEST=	0
INDE	11	27	42	FOBS=	259.2	SIGMA=	1.0	PHAS=	-105.4	FOM=	0.93	TEST=	1
INDE	11	27	44	FOBS=	77.3	SIGMA=	2.4	PHAS=	85.9	FOM=	0.74	TEST=	0
INDE	11	27	46	FOBS=	25.4	SIGMA=	7.2	PHAS=	-152.5	FOM=	0.09	TEST=	0
INDE	11	27	48	FOBS=	131.1	SIGMA=	1.4	PHAS=	-176.3	FOM=	0.93	TEST=	0
INDE	11	27	50	FOBS=	80.6	SIGMA=	2.2	PHAS=	80.8	FOM=	0.90	TEST=	0
INDE	11	27	52	FOBS=	38.4	SIGMA=	4.4	PHAS=	-175.8	FOM=	0.04	TEST=	0
INDE	11	27	54	FOBS=	142.3	SIGMA=	1.3	PHAS=	152.2	FOM=	0.94	TEST=	0
INDE	11	27	56	FOBS=	60.7	SIGMA=	2.8	PHAS=	111.3	FOM=	0.57	TEST=	0
INDE	11	27	58	FOBS=	26.3	SIGMA=	9.0	PHAS=	-74.1	FOM=	0.18	TEST=	0
INDE	11	27	60	FOBS=	55.1	SIGMA=	4.6	PHAS=	69.2	FOM=	0.86	TEST=	0
INDE	11	27	62	FOBS=	14.8	SIGMA=	14.3	PHAS=	14.5	FOM=	0.20	TEST=	0
INDE	11	27	64	FOBS=	77.0	SIGMA=	2.5	PHAS=	-80.4	FOM=	0.70	TEST=	0

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INDE	11	27	66	FOBS=	111.4	SIGMA=	4.5	PHAS=	-164.0	FOM=	0.90	TEST=	0
INDE	11	27	68	FOBS=	39.5	SIGMA=	12.7	PHAS=	-150.9	FOM=	0.04	TEST=	1
INDE	11	27	70	FOBS=	0.0	SIGMA=	31.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	27	72	FOBS=	45.3	SIGMA=	11.2	PHAS=	83.8	FOM=	0.57	TEST=	0
INDE	11	28	11	FOBS=	195.5	SIGMA=	0.5	PHAS=	111.7	FOM=	0.99	TEST=	0
INDE	11	28	13	FOBS=	87.2	SIGMA=	1.1	PHAS=	-91.5	FOM=	0.95	TEST=	0
INDE	11	28	15	FOBS=	92.0	SIGMA=	1.1	PHAS=	139.2	FOM=	0.95	TEST=	0
INDE	11	28	17	FOBS=	86.4	SIGMA=	1.2	PHAS=	75.6	FOM=	0.99	TEST=	0
INDE	11	28	19	FOBS=	207.2	SIGMA=	0.6	PHAS=	28.3	FOM=	0.96	TEST=	0
INDE	11	28	21	FOBS=	250.7	SIGMA=	0.6	PHAS=	-7.4	FOM=	0.99	TEST=	0
INDE	11	28	23	FOBS=	251.8	SIGMA=	0.6	PHAS=	39.8	FOM=	0.99	TEST=	0
INDE	11	28	25	FOBS=	193.7	SIGMA=	0.7	PHAS=	90.1	FOM=	0.97	TEST=	0
INDE	11	28	27	FOBS=	443.5	SIGMA=	0.6	PHAS=	-77.5	FOM=	0.97	TEST=	0
INDE	11	28	29	FOBS=	115.7	SIGMA=	1.1	PHAS=	1.8	FOM=	0.93	TEST=	0
INDE	11	28	31	FOBS=	132.1	SIGMA=	1.1	PHAS=	82.3	FOM=	0.72	TEST=	0
INDE	11	28	33	FOBS=	261.1	SIGMA=	1.0	PHAS=	121.7	FOM=	0.98	TEST=	0
INDE	11	28	35	FOBS=	137.6	SIGMA=	1.3	PHAS=	97.0	FOM=	0.81	TEST=	0
INDE	11	28	37	FOBS=	90.0	SIGMA=	2.3	PHAS=	91.2	FOM=	0.83	TEST=	0
INDE	11	28	39	FOBS=	146.5	SIGMA=	1.5	PHAS=	-58.9	FOM=	0.91	TEST=	0
INDE	11	28	41	FOBS=	189.2	SIGMA=	1.2	PHAS=	166.3	FOM=	0.94	TEST=	0
INDE	11	28	43	FOBS=	58.7	SIGMA=	3.6	PHAS=	-111.9	FOM=	0.29	TEST=	0
INDE	11	28	45	FOBS=	72.7	SIGMA=	2.7	PHAS=	-145.2	FOM=	0.76	TEST=	0
INDE	11	28	47	FOBS=	182.5	SIGMA=	1.1	PHAS=	152.8	FOM=	0.95	TEST=	0
INDE	11	28	49	FOBS=	135.7	SIGMA=	1.3	PHAS=	50.6	FOM=	0.91	TEST=	0
INDE	11	28	51	FOBS=	62.7	SIGMA=	2.7	PHAS=	21.5	FOM=	0.55	TEST=	0
INDE	11	28	53	FOBS=	27.7	SIGMA=	6.4	PHAS=	122.8	FOM=	0.44	TEST=	0
INDE	11	28	55	FOBS=	120.9	SIGMA=	1.5	PHAS=	-91.8	FOM=	0.61	TEST=	1
INDE	11	28	57	FOBS=	138.8	SIGMA=	1.4	PHAS=	-42.8	FOM=	0.94	TEST=	0
INDE	11	28	59	FOBS=	119.9	SIGMA=	1.8	PHAS=	-105.4	FOM=	0.91	TEST=	0
INDE	11	28	61	FOBS=	80.3	SIGMA=	2.4	PHAS=	-74.4	FOM=	0.79	TEST=	1
INDE	11	28	63	FOBS=	19.6	SIGMA=	10.4	PHAS=	-87.9	FOM=	0.29	TEST=	0
INDE	11	28	65	FOBS=	60.8	SIGMA=	3.6	PHAS=	62.7	FOM=	0.42	TEST=	0
INDE	11	28	67	FOBS=	57.3	SIGMA=	8.6	PHAS=	34.3	FOM=	0.61	TEST=	0
INDE	11	28	69	FOBS=	44.2	SIGMA=	11.5	PHAS=	89.9	FOM=	0.72	TEST=	0
INDE	11	28	71	FOBS=	0.0	SIGMA=	32.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	29	12	FOBS=	52.7	SIGMA=	1.5	PHAS=	60.5	FOM=	0.98	TEST=	0
INDE	11	29	14	FOBS=	103.9	SIGMA=	1.0	PHAS=	65.0	FOM=	0.64	TEST=	0
INDE	11	29	16	FOBS=	138.5	SIGMA=	0.8	PHAS=	-28.7	FOM=	0.99	TEST=	0
INDE	11	29	18	FOBS=	207.3	SIGMA=	0.7	PHAS=	-98.4	FOM=	0.97	TEST=	0
INDE	11	29	20	FOBS=	183.5	SIGMA=	0.7	PHAS=	-50.6	FOM=	0.98	TEST=	0
INDE	11	29	22	FOBS=	274.9	SIGMA=	0.6	PHAS=	-63.9	FOM=	0.56	TEST=	1
INDE	11	29	24	FOBS=	470.0	SIGMA=	0.6	PHAS=	-96.7	FOM=	0.98	TEST=	1
INDE	11	29	26	FOBS=	137.4	SIGMA=	1.1	PHAS=	-113.2	FOM=	0.91	TEST=	0
INDE	11	29	28	FOBS=	237.4	SIGMA=	0.7	PHAS=	178.7	FOM=	0.97	TEST=	0
INDE	11	29	30	FOBS=	148.9	SIGMA=	1.0	PHAS=	-25.3	FOM=	0.89	TEST=	0
INDE	11	29	32	FOBS=	170.8	SIGMA=	0.9	PHAS=	108.4	FOM=	0.91	TEST=	0
INDE	11	29	34	FOBS=	249.1	SIGMA=	1.0	PHAS=	34.3	FOM=	0.95	TEST=	0
INDE	11	29	36	FOBS=	54.0	SIGMA=	4.3	PHAS=	138.2	FOM=	0.50	TEST=	0
INDE	11	29	38	FOBS=	248.6	SIGMA=	1.2	PHAS=	177.9	FOM=	0.85	TEST=	1
INDE	11	29	40	FOBS=	151.9	SIGMA=	1.4	PHAS=	155.5	FOM=	0.86	TEST=	0
INDE	11	29	42	FOBS=	70.3	SIGMA=	2.9	PHAS=	159.8	FOM=	0.84	TEST=	0
INDE	11	29	44	FOBS=	74.8	SIGMA=	2.7	PHAS=	57.4	FOM=	0.35	TEST=	0
INDE	11	29	46	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	29	48	FOBS=	82.5	SIGMA=	2.4	PHAS=	74.1	FOM=	0.84	TEST=	0
INDE	11	29	50	FOBS=	119.9	SIGMA=	1.5	PHAS=	-48.7	FOM=	0.87	TEST=	0
INDE	11	29	52	FOBS=	128.7	SIGMA=	1.4	PHAS=	-105.5	FOM=	0.90	TEST=	0
INDE	11	29	54	FOBS=	51.6	SIGMA=	3.3	PHAS=	164.0	FOM=	0.84	TEST=	0
INDE	11	29	56	FOBS=	83.3	SIGMA=	2.2	PHAS=	-126.6	FOM=	0.85	TEST=	0
INDE	11	29	58	FOBS=	61.4	SIGMA=	3.0	PHAS=	173.5	FOM=	0.29	TEST=	0
INDE	11	29	60	FOBS=	126.3	SIGMA=	1.7	PHAS=	135.9	FOM=	0.96	TEST=	0
INDE	11	29	62	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	29	64	FOBS=	93.9	SIGMA=	2.3	PHAS=	-70.2	FOM=	0.93	TEST=	0
INDE	11	29	66	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	29	68	FOBS=	57.0	SIGMA=	8.9	PHAS=	-107.8	FOM=	0.87	TEST=	0
INDE	11	29	70	FOBS=	49.0	SIGMA=	10.6	PHAS=	81.9	FOM=	0.47	TEST=	0
INDE	11	30	11	FOBS=	174.9	SIGMA=	0.6	PHAS=	67.4	FOM=	0.92	TEST=	0
INDE	11	30	13	FOBS=	132.2	SIGMA=	0.8	PHAS=	59.9	FOM=	0.90	TEST=	0
INDE	11	30	15	FOBS=	100.5	SIGMA=	1.0	PHAS=	-14.1	FOM=	0.53	TEST=	0
INDE	11	30	17	FOBS=	61.1	SIGMA=	1.8	PHAS=	-156.1	FOM=	0.95	TEST=	0
INDE	11	30	19	FOBS=	147.6	SIGMA=	0.8	PHAS=	-133.0	FOM=	0.96	TEST=	0

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INDE	11	30	21	FOBS=	238.4	SIGMA=	0.6	PHAS=	-151.3	FOM=	0.98	TEST=	0
INDE	11	30	23	FOBS=	270.5	SIGMA=	0.7	PHAS=	-156.5	FOM=	0.94	TEST=	0
INDE	11	30	25	FOBS=	160.5	SIGMA=	0.9	PHAS=	-50.2	FOM=	0.91	TEST=	0
INDE	11	30	27	FOBS=	69.7	SIGMA=	2.0	PHAS=	87.1	FOM=	0.59	TEST=	0
INDE	11	30	29	FOBS=	173.1	SIGMA=	0.9	PHAS=	52.6	FOM=	0.87	TEST=	0
INDE	11	30	31	FOBS=	82.3	SIGMA=	1.9	PHAS=	-163.5	FOM=	0.97	TEST=	0
INDE	11	30	33	FOBS=	219.2	SIGMA=	1.1	PHAS=	135.9	FOM=	0.97	TEST=	0
INDE	11	30	35	FOBS=	52.7	SIGMA=	4.4	PHAS=	-33.1	FOM=	0.86	TEST=	0
INDE	11	30	37	FOBS=	177.3	SIGMA=	1.5	PHAS=	-73.9	FOM=	0.94	TEST=	0
INDE	11	30	39	FOBS=	137.9	SIGMA=	1.8	PHAS=	15.2	FOM=	0.93	TEST=	0
INDE	11	30	41	FOBS=	168.9	SIGMA=	1.5	PHAS=	62.5	FOM=	0.94	TEST=	0
INDE	11	30	43	FOBS=	56.1	SIGMA=	3.6	PHAS=	-71.1	FOM=	0.35	TEST=	0
INDE	11	30	45	FOBS=	42.6	SIGMA=	4.9	PHAS=	176.0	FOM=	0.27	TEST=	1
INDE	11	30	47	FOBS=	126.6	SIGMA=	1.6	PHAS=	40.1	FOM=	0.84	TEST=	0
INDE	11	30	49	FOBS=	17.9	SIGMA=	12.3	PHAS=	38.1	FOM=	0.09	TEST=	0
INDE	11	30	51	FOBS=	144.2	SIGMA=	1.3	PHAS=	131.7	FOM=	0.94	TEST=	0
INDE	11	30	53	FOBS=	2.3	SIGMA=	83.2	PHAS=	123.3	FOM=	0.07	TEST=	0
INDE	11	30	55	FOBS=	80.0	SIGMA=	2.1	PHAS=	160.6	FOM=	0.28	TEST=	1
INDE	11	30	57	FOBS=	68.1	SIGMA=	2.7	PHAS=	-134.2	FOM=	0.35	TEST=	0
INDE	11	30	59	FOBS=	70.5	SIGMA=	2.6	PHAS=	-9.6	FOM=	0.90	TEST=	0
INDE	11	30	61	FOBS=	20.0	SIGMA=	12.2	PHAS=	-38.8	FOM=	0.26	TEST=	0
INDE	11	30	63	FOBS=	53.5	SIGMA=	3.6	PHAS=	-98.6	FOM=	0.68	TEST=	0
INDE	11	30	65	FOBS=	21.1	SIGMA=	11.3	PHAS=	78.9	FOM=	0.42	TEST=	0
INDE	11	30	67	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	30	69	FOBS=	30.6	SIGMA=	16.6	PHAS=	-47.6	FOM=	0.58	TEST=	0
INDE	11	31	12	FOBS=	153.2	SIGMA=	0.7	PHAS=	15.2	FOM=	0.96	TEST=	0
INDE	11	31	14	FOBS=	73.8	SIGMA=	1.4	PHAS=	-10.1	FOM=	0.99	TEST=	0
INDE	11	31	16	FOBS=	164.4	SIGMA=	0.7	PHAS=	-123.8	FOM=	0.96	TEST=	0
INDE	11	31	18	FOBS=	175.7	SIGMA=	0.8	PHAS=	-73.4	FOM=	0.94	TEST=	0
INDE	11	31	20	FOBS=	178.5	SIGMA=	0.8	PHAS=	85.5	FOM=	0.85	TEST=	0
INDE	11	31	22	FOBS=	166.2	SIGMA=	0.8	PHAS=	107.8	FOM=	0.98	TEST=	0
INDE	11	31	24	FOBS=	317.0	SIGMA=	0.6	PHAS=	-144.5	FOM=	0.78	TEST=	1
INDE	11	31	26	FOBS=	377.3	SIGMA=	0.8	PHAS=	-107.3	FOM=	0.97	TEST=	0
INDE	11	31	28	FOBS=	135.1	SIGMA=	1.6	PHAS=	-99.1	FOM=	0.94	TEST=	0
INDE	11	31	30	FOBS=	171.1	SIGMA=	1.1	PHAS=	-37.6	FOM=	0.96	TEST=	0
INDE	11	31	32	FOBS=	485.3	SIGMA=	0.9	PHAS=	63.7	FOM=	0.99	TEST=	0
INDE	11	31	34	FOBS=	178.0	SIGMA=	1.2	PHAS=	43.9	FOM=	0.95	TEST=	0
INDE	11	31	36	FOBS=	272.6	SIGMA=	1.0	PHAS=	-157.2	FOM=	0.99	TEST=	0
INDE	11	31	38	FOBS=	68.9	SIGMA=	3.5	PHAS=	120.9	FOM=	0.64	TEST=	0
INDE	11	31	40	FOBS=	94.0	SIGMA=	2.5	PHAS=	-164.6	FOM=	0.91	TEST=	0
INDE	11	31	42	FOBS=	38.4	SIGMA=	6.6	PHAS=	178.7	FOM=	0.61	TEST=	0
INDE	11	31	44	FOBS=	91.2	SIGMA=	2.3	PHAS=	-3.2	FOM=	0.89	TEST=	0
INDE	11	31	46	FOBS=	130.2	SIGMA=	1.6	PHAS=	-18.0	FOM=	0.92	TEST=	0
INDE	11	31	48	FOBS=	45.5	SIGMA=	4.2	PHAS=	-5.7	FOM=	0.74	TEST=	0
INDE	11	31	50	FOBS=	61.4	SIGMA=	3.1	PHAS=	3.6	FOM=	0.75	TEST=	1
INDE	11	31	52	FOBS=	140.6	SIGMA=	1.4	PHAS=	6.4	FOM=	0.93	TEST=	0
INDE	11	31	54	FOBS=	82.4	SIGMA=	2.1	PHAS=	-4.6	FOM=	0.81	TEST=	0
INDE	11	31	56	FOBS=	53.8	SIGMA=	3.4	PHAS=	-4.5	FOM=	0.12	TEST=	0
INDE	11	31	58	FOBS=	53.5	SIGMA=	3.4	PHAS=	-57.3	FOM=	0.72	TEST=	0
INDE	11	31	60	FOBS=	38.8	SIGMA=	5.3	PHAS=	-162.0	FOM=	0.65	TEST=	0
INDE	11	31	62	FOBS=	32.1	SIGMA=	6.8	PHAS=	-100.1	FOM=	0.11	TEST=	0
INDE	11	31	64	FOBS=	82.2	SIGMA=	2.3	PHAS=	-108.8	FOM=	0.82	TEST=	0
INDE	11	31	66	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	31	68	FOBS=	90.4	SIGMA=	2.7	PHAS=	-139.9	FOM=	0.93	TEST=	0
INDE	11	31	70	FOBS=	94.3	SIGMA=	5.8	PHAS=	152.2	FOM=	0.89	TEST=	0
INDE	11	32	11	FOBS=	245.0	SIGMA=	0.5	PHAS=	10.6	FOM=	0.99	TEST=	0
INDE	11	32	13	FOBS=	163.1	SIGMA=	0.8	PHAS=	148.1	FOM=	0.98	TEST=	0
INDE	11	32	15	FOBS=	126.8	SIGMA=	1.0	PHAS=	-19.8	FOM=	0.89	TEST=	0
INDE	11	32	17	FOBS=	171.2	SIGMA=	0.9	PHAS=	-162.9	FOM=	0.92	TEST=	1
INDE	11	32	19	FOBS=	254.2	SIGMA=	0.6	PHAS=	-123.6	FOM=	0.95	TEST=	0
INDE	11	32	21	FOBS=	331.4	SIGMA=	0.6	PHAS=	-28.2	FOM=	0.96	TEST=	0
INDE	11	32	23	FOBS=	160.3	SIGMA=	1.0	PHAS=	-133.5	FOM=	0.99	TEST=	0
INDE	11	32	25	FOBS=	132.2	SIGMA=	1.4	PHAS=	152.9	FOM=	0.60	TEST=	0
INDE	11	32	27	FOBS=	525.4	SIGMA=	0.9	PHAS=	154.9	FOM=	0.99	TEST=	0
INDE	11	32	29	FOBS=	37.8	SIGMA=	4.9	PHAS=	-48.7	FOM=	0.41	TEST=	1
INDE	11	32	31	FOBS=	164.3	SIGMA=	1.2	PHAS=	-93.2	FOM=	0.87	TEST=	0
INDE	11	32	33	FOBS=	242.4	SIGMA=	0.9	PHAS=	-49.1	FOM=	0.95	TEST=	0
INDE	11	32	35	FOBS=	29.5	SIGMA=	7.2	PHAS=	-29.0	FOM=	0.46	TEST=	0
INDE	11	32	37	FOBS=	27.3	SIGMA=	10.5	PHAS=	119.1	FOM=	0.19	TEST=	0
INDE	11	32	39	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0

INDE	11	32	41	FOBS=	124.4	SIGMA=	1.9	PHAS=	101.0	FOM=	0.91	TEST=	1
INDE	11	32	43	FOBS=	93.0	SIGMA=	2.5	PHAS=	-1.1	FOM=	0.74	TEST=	0
INDE	11	32	45	FOBS=	102.7	SIGMA=	2.2	PHAS=	-88.1	FOM=	0.83	TEST=	0
INDE	11	32	47	FOBS=	120.4	SIGMA=	1.7	PHAS=	-124.7	FOM=	0.93	TEST=	0
INDE	11	32	49	FOBS=	107.3	SIGMA=	1.8	PHAS=	-154.3	FOM=	0.87	TEST=	0
INDE	11	32	51	FOBS=	91.7	SIGMA=	2.1	PHAS=	-55.0	FOM=	0.54	TEST=	0
INDE	11	32	53	FOBS=	77.8	SIGMA=	2.5	PHAS=	-126.3	FOM=	0.88	TEST=	0
INDE	11	32	55	FOBS=	72.1	SIGMA=	2.9	PHAS=	169.9	FOM=	0.73	TEST=	0
INDE	11	32	57	FOBS=	23.9	SIGMA=	8.7	PHAS=	-85.1	FOM=	0.05	TEST=	1
INDE	11	32	59	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	32	61	FOBS=	33.0	SIGMA=	6.2	PHAS=	-129.8	FOM=	0.36	TEST=	0
INDE	11	32	63	FOBS=	34.7	SIGMA=	5.5	PHAS=	119.2	FOM=	0.21	TEST=	0
INDE	11	32	65	FOBS=	20.6	SIGMA=	10.4	PHAS=	-151.4	FOM=	0.23	TEST=	1
INDE	11	32	67	FOBS=	54.4	SIGMA=	4.6	PHAS=	172.4	FOM=	0.79	TEST=	0
INDE	11	32	69	FOBS=	94.9	SIGMA=	2.7	PHAS=	91.8	FOM=	0.93	TEST=	0
INDE	11	33	12	FOBS=	171.4	SIGMA=	0.7	PHAS=	-1.9	FOM=	0.93	TEST=	0
INDE	11	33	14	FOBS=	220.0	SIGMA=	0.7	PHAS=	33.6	FOM=	0.98	TEST=	0
INDE	11	33	16	FOBS=	213.9	SIGMA=	0.8	PHAS=	-81.2	FOM=	0.99	TEST=	0
INDE	11	33	18	FOBS=	121.9	SIGMA=	1.3	PHAS=	24.5	FOM=	0.94	TEST=	0
INDE	11	33	20	FOBS=	296.6	SIGMA=	0.7	PHAS=	158.3	FOM=	0.96	TEST=	0
INDE	11	33	22	FOBS=	210.8	SIGMA=	0.9	PHAS=	-133.3	FOM=	0.90	TEST=	0
INDE	11	33	24	FOBS=	160.4	SIGMA=	1.1	PHAS=	-8.4	FOM=	0.99	TEST=	1
INDE	11	33	26	FOBS=	170.7	SIGMA=	1.2	PHAS=	20.1	FOM=	0.99	TEST=	0
INDE	11	33	28	FOBS=	102.9	SIGMA=	1.9	PHAS=	94.2	FOM=	0.90	TEST=	0
INDE	11	33	30	FOBS=	190.4	SIGMA=	1.1	PHAS=	130.5	FOM=	0.93	TEST=	0
INDE	11	33	32	FOBS=	259.8	SIGMA=	0.9	PHAS=	87.7	FOM=	0.95	TEST=	0
INDE	11	33	34	FOBS=	300.3	SIGMA=	1.0	PHAS=	-126.2	FOM=	0.96	TEST=	0
INDE	11	33	36	FOBS=	96.0	SIGMA=	2.1	PHAS=	148.1	FOM=	0.89	TEST=	0
INDE	11	33	38	FOBS=	144.1	SIGMA=	1.5	PHAS=	5.7	FOM=	0.75	TEST=	0
INDE	11	33	40	FOBS=	106.4	SIGMA=	2.3	PHAS=	125.2	FOM=	0.89	TEST=	0
INDE	11	33	42	FOBS=	129.0	SIGMA=	1.8	PHAS=	-85.0	FOM=	0.89	TEST=	0
INDE	11	33	44	FOBS=	74.2	SIGMA=	3.1	PHAS=	-63.2	FOM=	0.63	TEST=	0
INDE	11	33	46	FOBS=	83.3	SIGMA=	2.7	PHAS=	89.5	FOM=	0.93	TEST=	0
INDE	11	33	48	FOBS=	143.4	SIGMA=	1.6	PHAS=	95.5	FOM=	0.93	TEST=	0
INDE	11	33	50	FOBS=	115.9	SIGMA=	1.7	PHAS=	97.4	FOM=	0.89	TEST=	0
INDE	11	33	52	FOBS=	68.2	SIGMA=	2.8	PHAS=	-26.7	FOM=	0.75	TEST=	1
INDE	11	33	54	FOBS=	81.2	SIGMA=	2.4	PHAS=	44.6	FOM=	0.86	TEST=	1
INDE	11	33	56	FOBS=	47.7	SIGMA=	4.4	PHAS=	173.4	FOM=	0.06	TEST=	0
INDE	11	33	58	FOBS=	71.3	SIGMA=	2.7	PHAS=	-10.4	FOM=	0.87	TEST=	0
INDE	11	33	60	FOBS=	12.7	SIGMA=	23.3	PHAS=	-171.8	FOM=	0.33	TEST=	0
INDE	11	33	62	FOBS=	46.6	SIGMA=	3.7	PHAS=	-89.2	FOM=	0.58	TEST=	0
INDE	11	33	64	FOBS=	45.3	SIGMA=	3.8	PHAS=	-96.6	FOM=	0.76	TEST=	0
INDE	11	33	66	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	11	33	68	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	34	11	FOBS=	123.1	SIGMA=	0.9	PHAS=	-2.4	FOM=	0.95	TEST=	0
INDE	11	34	13	FOBS=	306.5	SIGMA=	0.7	PHAS=	-116.5	FOM=	0.95	TEST=	0
INDE	11	34	15	FOBS=	145.0	SIGMA=	1.0	PHAS=	-112.1	FOM=	0.95	TEST=	0
INDE	11	34	17	FOBS=	255.9	SIGMA=	0.7	PHAS=	-92.5	FOM=	0.98	TEST=	0
INDE	11	34	19	FOBS=	126.8	SIGMA=	1.2	PHAS=	-56.3	FOM=	0.96	TEST=	0
INDE	11	34	21	FOBS=	121.2	SIGMA=	1.4	PHAS=	25.3	FOM=	0.89	TEST=	0
INDE	11	34	23	FOBS=	133.5	SIGMA=	1.3	PHAS=	-38.2	FOM=	0.94	TEST=	0
INDE	11	34	25	FOBS=	117.1	SIGMA=	1.5	PHAS=	-48.3	FOM=	0.95	TEST=	0
INDE	11	34	27	FOBS=	126.0	SIGMA=	1.6	PHAS=	-113.8	FOM=	0.97	TEST=	0
INDE	11	34	29	FOBS=	74.5	SIGMA=	2.8	PHAS=	172.4	FOM=	0.76	TEST=	0
INDE	11	34	31	FOBS=	157.4	SIGMA=	1.3	PHAS=	68.5	FOM=	0.50	TEST=	0
INDE	11	34	33	FOBS=	72.9	SIGMA=	2.9	PHAS=	93.7	FOM=	0.86	TEST=	0
INDE	11	34	35	FOBS=	128.7	SIGMA=	1.6	PHAS=	155.3	FOM=	0.79	TEST=	0
INDE	11	34	37	FOBS=	285.7	SIGMA=	0.8	PHAS=	21.3	FOM=	0.97	TEST=	0
INDE	11	34	39	FOBS=	174.6	SIGMA=	1.3	PHAS=	15.3	FOM=	0.92	TEST=	0
INDE	11	34	41	FOBS=	193.6	SIGMA=	1.3	PHAS=	-146.9	FOM=	0.96	TEST=	0
INDE	11	34	43	FOBS=	199.7	SIGMA=	1.3	PHAS=	128.4	FOM=	0.95	TEST=	0
INDE	11	34	45	FOBS=	73.6	SIGMA=	3.1	PHAS=	-61.1	FOM=	0.81	TEST=	0
INDE	11	34	47	FOBS=	105.2	SIGMA=	2.2	PHAS=	-90.8	FOM=	0.85	TEST=	0
INDE	11	34	49	FOBS=	61.4	SIGMA=	3.6	PHAS=	43.3	FOM=	0.84	TEST=	0
INDE	11	34	51	FOBS=	44.5	SIGMA=	4.8	PHAS=	49.6	FOM=	0.20	TEST=	0
INDE	11	34	53	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	34	55	FOBS=	116.7	SIGMA=	1.9	PHAS=	-73.2	FOM=	0.94	TEST=	0
INDE	11	34	57	FOBS=	80.9	SIGMA=	2.6	PHAS=	-119.1	FOM=	0.79	TEST=	0
INDE	11	34	59	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	34	61	FOBS=	50.1	SIGMA=	4.1	PHAS=	165.2	FOM=	0.30	TEST=	0

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INDE	11	34	63	FOBS=	58.9	SIGMA=	2.9	PHAS=	-141.3	FOM=	0.45	TEST=	0
INDE	11	34	65	FOBS=	43.0	SIGMA=	4.4	PHAS=	-31.5	FOM=	0.51	TEST=	0
INDE	11	34	67	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	34	69	FOBS=	23.5	SIGMA=	10.6	PHAS=	-155.3	FOM=	0.21	TEST=	0
INDE	11	35	12	FOBS=	179.4	SIGMA=	0.9	PHAS=	127.6	FOM=	0.92	TEST=	0
INDE	11	35	14	FOBS=	464.1	SIGMA=	0.7	PHAS=	88.7	FOM=	0.98	TEST=	0
INDE	11	35	16	FOBS=	139.7	SIGMA=	1.1	PHAS=	162.8	FOM=	0.95	TEST=	0
INDE	11	35	18	FOBS=	90.1	SIGMA=	1.8	PHAS=	-92.1	FOM=	0.91	TEST=	0
INDE	11	35	20	FOBS=	320.1	SIGMA=	0.7	PHAS=	-161.0	FOM=	0.96	TEST=	0
INDE	11	35	22	FOBS=	409.7	SIGMA=	0.7	PHAS=	-46.0	FOM=	0.91	TEST=	1
INDE	11	35	24	FOBS=	167.7	SIGMA=	1.1	PHAS=	-27.2	FOM=	0.94	TEST=	0
INDE	11	35	26	FOBS=	14.1	SIGMA=	14.0	PHAS=	-50.3	FOM=	0.30	TEST=	0
INDE	11	35	28	FOBS=	127.7	SIGMA=	1.7	PHAS=	-175.3	FOM=	0.95	TEST=	0
INDE	11	35	30	FOBS=	293.6	SIGMA=	0.9	PHAS=	84.6	FOM=	0.98	TEST=	0
INDE	11	35	32	FOBS=	160.3	SIGMA=	1.4	PHAS=	69.1	FOM=	0.93	TEST=	0
INDE	11	35	34	FOBS=	130.8	SIGMA=	1.6	PHAS=	-62.0	FOM=	0.93	TEST=	0
INDE	11	35	36	FOBS=	205.8	SIGMA=	1.1	PHAS=	71.2	FOM=	0.59	TEST=	1
INDE	11	35	38	FOBS=	238.1	SIGMA=	0.9	PHAS=	-76.5	FOM=	0.96	TEST=	0
INDE	11	35	40	FOBS=	101.0	SIGMA=	1.9	PHAS=	43.1	FOM=	0.80	TEST=	0
INDE	11	35	42	FOBS=	170.8	SIGMA=	1.5	PHAS=	60.9	FOM=	0.88	TEST=	1
INDE	11	35	44	FOBS=	90.1	SIGMA=	2.6	PHAS=	61.2	FOM=	0.90	TEST=	0
INDE	11	35	46	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	35	48	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	35	50	FOBS=	77.8	SIGMA=	2.8	PHAS=	48.6	FOM=	0.71	TEST=	0
INDE	11	35	52	FOBS=	64.9	SIGMA=	3.3	PHAS=	-73.1	FOM=	0.37	TEST=	0
INDE	11	35	54	FOBS=	19.5	SIGMA=	13.6	PHAS=	-115.2	FOM=	0.36	TEST=	0
INDE	11	35	56	FOBS=	124.5	SIGMA=	1.8	PHAS=	-160.5	FOM=	0.89	TEST=	0
INDE	11	35	58	FOBS=	27.9	SIGMA=	7.4	PHAS=	-0.9	FOM=	0.39	TEST=	0
INDE	11	35	60	FOBS=	69.1	SIGMA=	3.0	PHAS=	-14.9	FOM=	0.70	TEST=	0
INDE	11	35	62	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	35	64	FOBS=	26.9	SIGMA=	7.3	PHAS=	-92.6	FOM=	0.46	TEST=	0
INDE	11	35	66	FOBS=	44.4	SIGMA=	5.0	PHAS=	-45.9	FOM=	0.60	TEST=	0
INDE	11	35	68	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	36	11	FOBS=	472.4	SIGMA=	0.6	PHAS=	111.7	FOM=	0.99	TEST=	0
INDE	11	36	13	FOBS=	336.8	SIGMA=	0.6	PHAS=	30.6	FOM=	0.99	TEST=	0
INDE	11	36	15	FOBS=	323.9	SIGMA=	0.6	PHAS=	-33.6	FOM=	0.98	TEST=	0
INDE	11	36	17	FOBS=	109.3	SIGMA=	1.5	PHAS=	-11.7	FOM=	0.97	TEST=	0
INDE	11	36	19	FOBS=	227.7	SIGMA=	0.9	PHAS=	-137.6	FOM=	0.93	TEST=	0
INDE	11	36	21	FOBS=	411.7	SIGMA=	0.6	PHAS=	-177.3	FOM=	0.96	TEST=	0
INDE	11	36	23	FOBS=	208.6	SIGMA=	1.0	PHAS=	-123.8	FOM=	0.98	TEST=	1
INDE	11	36	25	FOBS=	157.9	SIGMA=	1.2	PHAS=	-131.9	FOM=	0.87	TEST=	0
INDE	11	36	27	FOBS=	298.3	SIGMA=	0.9	PHAS=	15.9	FOM=	0.96	TEST=	0
INDE	11	36	29	FOBS=	118.4	SIGMA=	1.9	PHAS=	-88.8	FOM=	0.57	TEST=	0
INDE	11	36	31	FOBS=	233.4	SIGMA=	1.1	PHAS=	31.2	FOM=	0.90	TEST=	1
INDE	11	36	33	FOBS=	70.3	SIGMA=	3.0	PHAS=	34.2	FOM=	0.78	TEST=	0
INDE	11	36	35	FOBS=	270.6	SIGMA=	0.9	PHAS=	158.2	FOM=	0.93	TEST=	0
INDE	11	36	37	FOBS=	65.5	SIGMA=	3.0	PHAS=	20.4	FOM=	0.81	TEST=	0
INDE	11	36	39	FOBS=	48.7	SIGMA=	4.2	PHAS=	152.6	FOM=	0.64	TEST=	0
INDE	11	36	41	FOBS=	121.3	SIGMA=	1.6	PHAS=	-51.8	FOM=	0.76	TEST=	1
INDE	11	36	43	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	11	36	45	FOBS=	73.1	SIGMA=	3.1	PHAS=	177.7	FOM=	0.65	TEST=	0
INDE	11	36	47	FOBS=	66.3	SIGMA=	3.4	PHAS=	-150.0	FOM=	0.85	TEST=	0
INDE	11	36	49	FOBS=	48.5	SIGMA=	4.5	PHAS=	-50.4	FOM=	0.79	TEST=	1
INDE	11	36	51	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	36	53	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	36	55	FOBS=	20.1	SIGMA=	10.5	PHAS=	-55.9	FOM=	0.26	TEST=	1
INDE	11	36	57	FOBS=	30.0	SIGMA=	7.6	PHAS=	125.2	FOM=	0.53	TEST=	0
INDE	11	36	59	FOBS=	119.3	SIGMA=	1.8	PHAS=	-106.3	FOM=	0.46	TEST=	1
INDE	11	36	61	FOBS=	68.7	SIGMA=	3.1	PHAS=	-130.1	FOM=	0.91	TEST=	0
INDE	11	36	63	FOBS=	62.8	SIGMA=	2.8	PHAS=	113.2	FOM=	0.67	TEST=	0
INDE	11	36	65	FOBS=	12.4	SIGMA=	15.5	PHAS=	-140.8	FOM=	0.34	TEST=	0
INDE	11	36	67	FOBS=	23.6	SIGMA=	9.9	PHAS=	106.0	FOM=	0.07	TEST=	0
INDE	11	37	12	FOBS=	308.5	SIGMA=	0.7	PHAS=	-16.2	FOM=	0.97	TEST=	0
INDE	11	37	14	FOBS=	224.5	SIGMA=	0.8	PHAS=	-100.2	FOM=	0.95	TEST=	1
INDE	11	37	16	FOBS=	264.9	SIGMA=	0.7	PHAS=	-21.6	FOM=	0.79	TEST=	1
INDE	11	37	18	FOBS=	188.0	SIGMA=	1.0	PHAS=	-139.6	FOM=	0.91	TEST=	0
INDE	11	37	20	FOBS=	465.9	SIGMA=	0.6	PHAS=	141.4	FOM=	0.97	TEST=	0
INDE	11	37	22	FOBS=	63.8	SIGMA=	2.8	PHAS=	100.3	FOM=	0.43	TEST=	1
INDE	11	37	24	FOBS=	237.2	SIGMA=	0.9	PHAS=	141.8	FOM=	0.97	TEST=	0
INDE	11	37	26	FOBS=	286.8	SIGMA=	0.8	PHAS=	19.3	FOM=	0.98	TEST=	0

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INDE	11	37	28	FOBS=	228.5	SIGMA=	1.1	PHAS=	-22.5	FOM=	0.89	TEST=	0
INDE	11	37	30	FOBS=	72.7	SIGMA=	3.1	PHAS=	54.9	FOM=	0.64	TEST=	0
INDE	11	37	32	FOBS=	86.7	SIGMA=	2.5	PHAS=	76.7	FOM=	0.91	TEST=	0
INDE	11	37	34	FOBS=	203.3	SIGMA=	1.1	PHAS=	7.4	FOM=	0.97	TEST=	0
INDE	11	37	36	FOBS=	64.5	SIGMA=	3.1	PHAS=	48.7	FOM=	0.67	TEST=	0
INDE	11	37	38	FOBS=	140.9	SIGMA=	1.5	PHAS=	-31.6	FOM=	0.86	TEST=	0
INDE	11	37	40	FOBS=	125.0	SIGMA=	1.6	PHAS=	123.1	FOM=	0.87	TEST=	1
INDE	11	37	42	FOBS=	102.3	SIGMA=	1.9	PHAS=	-145.3	FOM=	0.90	TEST=	0
INDE	11	37	44	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	37	46	FOBS=	95.6	SIGMA=	2.4	PHAS=	134.0	FOM=	0.90	TEST=	0
INDE	11	37	48	FOBS=	115.7	SIGMA=	2.0	PHAS=	-146.7	FOM=	0.92	TEST=	0
INDE	11	37	50	FOBS=	90.6	SIGMA=	2.5	PHAS=	-169.0	FOM=	0.89	TEST=	0
INDE	11	37	52	FOBS=	60.5	SIGMA=	3.6	PHAS=	-69.9	FOM=	0.86	TEST=	0
INDE	11	37	54	FOBS=	68.8	SIGMA=	3.1	PHAS=	-81.1	FOM=	0.78	TEST=	0
INDE	11	37	56	FOBS=	56.8	SIGMA=	3.7	PHAS=	-100.9	FOM=	0.15	TEST=	1
INDE	11	37	58	FOBS=	99.4	SIGMA=	2.2	PHAS=	-31.6	FOM=	0.93	TEST=	0
INDE	11	37	60	FOBS=	11.1	SIGMA=	23.6	PHAS=	134.4	FOM=	0.25	TEST=	0
INDE	11	37	62	FOBS=	38.8	SIGMA=	6.0	PHAS=	78.3	FOM=	0.82	TEST=	0
INDE	11	37	64	FOBS=	9.9	SIGMA=	20.8	PHAS=	-157.8	FOM=	0.02	TEST=	0
INDE	11	37	66	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	11	38	11	FOBS=	179.9	SIGMA=	0.8	PHAS=	-118.1	FOM=	0.90	TEST=	1
INDE	11	38	13	FOBS=	69.3	SIGMA=	2.2	PHAS=	118.4	FOM=	0.95	TEST=	0
INDE	11	38	15	FOBS=	235.9	SIGMA=	0.8	PHAS=	-98.1	FOM=	0.95	TEST=	0
INDE	11	38	17	FOBS=	233.0	SIGMA=	0.8	PHAS=	-177.4	FOM=	0.95	TEST=	0
INDE	11	38	19	FOBS=	32.7	SIGMA=	5.6	PHAS=	-128.9	FOM=	0.45	TEST=	1
INDE	11	38	21	FOBS=	110.1	SIGMA=	1.7	PHAS=	-21.4	FOM=	0.73	TEST=	0
INDE	11	38	23	FOBS=	269.5	SIGMA=	0.9	PHAS=	104.7	FOM=	0.99	TEST=	0
INDE	11	38	25	FOBS=	252.3	SIGMA=	0.9	PHAS=	-64.6	FOM=	0.93	TEST=	0
INDE	11	38	27	FOBS=	258.4	SIGMA=	0.9	PHAS=	-35.2	FOM=	0.97	TEST=	1
INDE	11	38	29	FOBS=	173.6	SIGMA=	1.4	PHAS=	-133.3	FOM=	0.89	TEST=	0
INDE	11	38	31	FOBS=	162.7	SIGMA=	1.5	PHAS=	23.2	FOM=	0.95	TEST=	0
INDE	11	38	33	FOBS=	110.3	SIGMA=	1.9	PHAS=	26.5	FOM=	0.90	TEST=	0
INDE	11	38	35	FOBS=	70.6	SIGMA=	3.1	PHAS=	-51.6	FOM=	0.74	TEST=	0
INDE	11	38	37	FOBS=	161.5	SIGMA=	1.3	PHAS=	-55.4	FOM=	0.86	TEST=	0
INDE	11	38	39	FOBS=	154.7	SIGMA=	1.3	PHAS=	-27.7	FOM=	0.74	TEST=	0
INDE	11	38	41	FOBS=	59.1	SIGMA=	3.2	PHAS=	152.1	FOM=	0.86	TEST=	0
INDE	11	38	43	FOBS=	22.3	SIGMA=	8.2	PHAS=	-85.6	FOM=	0.33	TEST=	0
INDE	11	38	45	FOBS=	58.4	SIGMA=	3.9	PHAS=	15.1	FOM=	0.85	TEST=	0
INDE	11	38	47	FOBS=	58.3	SIGMA=	3.8	PHAS=	171.8	FOM=	0.79	TEST=	0
INDE	11	38	49	FOBS=	91.5	SIGMA=	2.5	PHAS=	-137.5	FOM=	0.84	TEST=	0
INDE	11	38	51	FOBS=	85.4	SIGMA=	2.6	PHAS=	94.2	FOM=	0.92	TEST=	0
INDE	11	38	53	FOBS=	79.2	SIGMA=	2.8	PHAS=	-133.6	FOM=	0.83	TEST=	0
INDE	11	38	55	FOBS=	53.4	SIGMA=	4.0	PHAS=	82.3	FOM=	0.09	TEST=	1
INDE	11	38	57	FOBS=	77.6	SIGMA=	2.8	PHAS=	151.7	FOM=	0.86	TEST=	0
INDE	11	38	59	FOBS=	95.6	SIGMA=	2.3	PHAS=	-71.7	FOM=	0.93	TEST=	0
INDE	11	38	61	FOBS=	43.7	SIGMA=	4.8	PHAS=	23.3	FOM=	0.75	TEST=	0
INDE	11	38	63	FOBS=	56.5	SIGMA=	3.2	PHAS=	-110.5	FOM=	0.52	TEST=	0
INDE	11	38	65	FOBS=	7.9	SIGMA=	31.0	PHAS=	60.0	FOM=	0.01	TEST=	1
INDE	11	39	12	FOBS=	202.8	SIGMA=	0.9	PHAS=	88.8	FOM=	0.93	TEST=	0
INDE	11	39	14	FOBS=	148.7	SIGMA=	1.2	PHAS=	11.1	FOM=	0.96	TEST=	1
INDE	11	39	16	FOBS=	43.2	SIGMA=	3.8	PHAS=	164.9	FOM=	0.10	TEST=	1
INDE	11	39	18	FOBS=	94.1	SIGMA=	1.9	PHAS=	175.7	FOM=	0.92	TEST=	0
INDE	11	39	20	FOBS=	250.2	SIGMA=	0.9	PHAS=	161.1	FOM=	0.96	TEST=	0
INDE	11	39	22	FOBS=	173.0	SIGMA=	1.2	PHAS=	-18.3	FOM=	0.89	TEST=	0
INDE	11	39	24	FOBS=	144.9	SIGMA=	1.5	PHAS=	-149.3	FOM=	0.87	TEST=	0
INDE	11	39	26	FOBS=	223.4	SIGMA=	1.1	PHAS=	-87.3	FOM=	0.97	TEST=	0
INDE	11	39	28	FOBS=	92.5	SIGMA=	2.4	PHAS=	136.9	FOM=	0.91	TEST=	0
INDE	11	39	30	FOBS=	68.6	SIGMA=	3.3	PHAS=	-87.6	FOM=	0.20	TEST=	0
INDE	11	39	32	FOBS=	146.0	SIGMA=	1.6	PHAS=	-48.9	FOM=	0.95	TEST=	1
INDE	11	39	34	FOBS=	16.2	SIGMA=	12.1	PHAS=	-24.7	FOM=	0.59	TEST=	0
INDE	11	39	36	FOBS=	173.9	SIGMA=	1.3	PHAS=	-131.4	FOM=	0.91	TEST=	1
INDE	11	39	38	FOBS=	86.3	SIGMA=	2.3	PHAS=	32.2	FOM=	0.73	TEST=	0
INDE	11	39	40	FOBS=	137.9	SIGMA=	1.5	PHAS=	-152.8	FOM=	0.83	TEST=	0
INDE	11	39	42	FOBS=	56.6	SIGMA=	3.3	PHAS=	99.5	FOM=	0.46	TEST=	0
INDE	11	39	44	FOBS=	108.9	SIGMA=	1.7	PHAS=	-102.1	FOM=	0.86	TEST=	0
INDE	11	39	46	FOBS=	75.5	SIGMA=	3.0	PHAS=	136.3	FOM=	0.80	TEST=	0
INDE	11	39	48	FOBS=	98.2	SIGMA=	2.3	PHAS=	-168.7	FOM=	0.89	TEST=	0
INDE	11	39	50	FOBS=	41.5	SIGMA=	5.3	PHAS=	20.0	FOM=	0.53	TEST=	1
INDE	11	39	52	FOBS=	31.1	SIGMA=	7.0	PHAS=	-136.6	FOM=	0.20	TEST=	0
INDE	11	39	54	FOBS=	60.2	SIGMA=	3.6	PHAS=	-162.9	FOM=	0.60	TEST=	0

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INDE	11	39	56	FOBS=	33.4	SIGMA=	6.3	PHAS=	101.8	FOM=	0.22	TEST=	1
INDE	11	39	58	FOBS=	89.9	SIGMA=	2.4	PHAS=	-37.1	FOM=	0.90	TEST=	0
INDE	11	39	60	FOBS=	39.5	SIGMA=	6.0	PHAS=	-174.2	FOM=	0.72	TEST=	0
INDE	11	39	62	FOBS=	36.0	SIGMA=	5.0	PHAS=	-48.4	FOM=	0.35	TEST=	0
INDE	11	39	64	FOBS=	34.1	SIGMA=	6.2	PHAS=	-101.1	FOM=	0.62	TEST=	0
INDE	11	39	66	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	40	11	FOBS=	208.2	SIGMA=	0.9	PHAS=	-77.3	FOM=	0.96	TEST=	0
INDE	11	40	13	FOBS=	317.3	SIGMA=	0.7	PHAS=	-8.9	FOM=	0.95	TEST=	0
INDE	11	40	15	FOBS=	250.1	SIGMA=	0.8	PHAS=	-18.8	FOM=	0.92	TEST=	0
INDE	11	40	17	FOBS=	199.4	SIGMA=	1.0	PHAS=	176.6	FOM=	0.99	TEST=	0
INDE	11	40	19	FOBS=	245.6	SIGMA=	1.0	PHAS=	38.8	FOM=	0.96	TEST=	0
INDE	11	40	21	FOBS=	89.5	SIGMA=	2.2	PHAS=	2.1	FOM=	0.78	TEST=	0
INDE	11	40	23	FOBS=	275.4	SIGMA=	0.9	PHAS=	166.6	FOM=	0.88	TEST=	1
INDE	11	40	25	FOBS=	125.7	SIGMA=	1.8	PHAS=	-120.0	FOM=	0.90	TEST=	0
INDE	11	40	27	FOBS=	145.6	SIGMA=	1.5	PHAS=	161.0	FOM=	0.86	TEST=	0
INDE	11	40	29	FOBS=	297.7	SIGMA=	0.9	PHAS=	44.8	FOM=	0.96	TEST=	0
INDE	11	40	31	FOBS=	113.0	SIGMA=	2.0	PHAS=	-98.2	FOM=	0.90	TEST=	0
INDE	11	40	33	FOBS=	288.6	SIGMA=	1.4	PHAS=	118.1	FOM=	0.97	TEST=	0
INDE	11	40	35	FOBS=	202.0	SIGMA=	1.1	PHAS=	93.8	FOM=	0.82	TEST=	1
INDE	11	40	37	FOBS=	208.7	SIGMA=	1.1	PHAS=	-107.6	FOM=	0.97	TEST=	0
INDE	11	40	39	FOBS=	90.9	SIGMA=	2.2	PHAS=	21.1	FOM=	0.66	TEST=	0
INDE	11	40	41	FOBS=	10.6	SIGMA=	18.9	PHAS=	-18.3	FOM=	0.27	TEST=	0
INDE	11	40	43	FOBS=	55.1	SIGMA=	3.7	PHAS=	175.2	FOM=	0.54	TEST=	0
INDE	11	40	45	FOBS=	44.8	SIGMA=	4.3	PHAS=	118.4	FOM=	0.33	TEST=	1
INDE	11	40	47	FOBS=	14.8	SIGMA=	15.0	PHAS=	-81.9	FOM=	0.22	TEST=	0
INDE	11	40	49	FOBS=	101.2	SIGMA=	2.2	PHAS=	-71.6	FOM=	0.29	TEST=	0
INDE	11	40	51	FOBS=	64.6	SIGMA=	3.4	PHAS=	107.4	FOM=	0.64	TEST=	0
INDE	11	40	53	FOBS=	59.5	SIGMA=	3.7	PHAS=	92.5	FOM=	0.70	TEST=	0
INDE	11	40	55	FOBS=	61.1	SIGMA=	3.5	PHAS=	75.4	FOM=	0.31	TEST=	0
INDE	11	40	57	FOBS=	31.4	SIGMA=	6.8	PHAS=	154.5	FOM=	0.64	TEST=	0
INDE	11	40	59	FOBS=	80.6	SIGMA=	2.7	PHAS=	-72.9	FOM=	0.90	TEST=	0
INDE	11	40	61	FOBS=	87.5	SIGMA=	2.5	PHAS=	48.5	FOM=	0.95	TEST=	0
INDE	11	40	63	FOBS=	47.6	SIGMA=	5.0	PHAS=	-140.4	FOM=	0.85	TEST=	0
INDE	11	40	65	FOBS=	36.9	SIGMA=	5.9	PHAS=	47.2	FOM=	0.56	TEST=	0
INDE	11	41	12	FOBS=	343.9	SIGMA=	0.8	PHAS=	162.0	FOM=	0.96	TEST=	0
INDE	11	41	14	FOBS=	35.7	SIGMA=	4.9	PHAS=	-113.6	FOM=	0.07	TEST=	0
INDE	11	41	16	FOBS=	57.7	SIGMA=	3.2	PHAS=	-31.6	FOM=	0.60	TEST=	1
INDE	11	41	18	FOBS=	132.9	SIGMA=	1.5	PHAS=	-67.9	FOM=	0.91	TEST=	0
INDE	11	41	20	FOBS=	196.7	SIGMA=	1.2	PHAS=	-75.9	FOM=	0.93	TEST=	0
INDE	11	41	22	FOBS=	172.3	SIGMA=	1.3	PHAS=	89.9	FOM=	0.92	TEST=	0
INDE	11	41	24	FOBS=	106.8	SIGMA=	2.1	PHAS=	-54.1	FOM=	0.90	TEST=	0
INDE	11	41	26	FOBS=	132.8	SIGMA=	1.7	PHAS=	17.3	FOM=	0.92	TEST=	0
INDE	11	41	28	FOBS=	57.9	SIGMA=	3.7	PHAS=	-38.8	FOM=	0.38	TEST=	0
INDE	11	41	30	FOBS=	207.0	SIGMA=	1.1	PHAS=	-70.6	FOM=	0.92	TEST=	0
INDE	11	41	32	FOBS=	253.8	SIGMA=	1.0	PHAS=	34.5	FOM=	0.96	TEST=	0
INDE	11	41	34	FOBS=	237.2	SIGMA=	1.2	PHAS=	-54.0	FOM=	0.18	TEST=	1
INDE	11	41	36	FOBS=	126.3	SIGMA=	1.6	PHAS=	113.1	FOM=	0.79	TEST=	1
INDE	11	41	38	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	41	40	FOBS=	109.2	SIGMA=	1.8	PHAS=	23.4	FOM=	0.75	TEST=	0
INDE	11	41	42	FOBS=	96.5	SIGMA=	2.0	PHAS=	73.1	FOM=	0.45	TEST=	1
INDE	11	41	44	FOBS=	122.2	SIGMA=	1.6	PHAS=	-178.4	FOM=	0.86	TEST=	0
INDE	11	41	46	FOBS=	147.1	SIGMA=	1.3	PHAS=	-171.8	FOM=	0.93	TEST=	0
INDE	11	41	48	FOBS=	125.6	SIGMA=	1.9	PHAS=	-168.3	FOM=	0.93	TEST=	0
INDE	11	41	50	FOBS=	43.7	SIGMA=	5.0	PHAS=	-137.9	FOM=	0.50	TEST=	0
INDE	11	41	52	FOBS=	80.1	SIGMA=	2.8	PHAS=	-125.0	FOM=	0.46	TEST=	0
INDE	11	41	54	FOBS=	82.0	SIGMA=	2.7	PHAS=	30.0	FOM=	0.87	TEST=	0
INDE	11	41	56	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	41	58	FOBS=	96.1	SIGMA=	2.3	PHAS=	128.3	FOM=	0.62	TEST=	0
INDE	11	41	60	FOBS=	58.5	SIGMA=	3.7	PHAS=	-8.2	FOM=	0.88	TEST=	0
INDE	11	41	62	FOBS=	94.2	SIGMA=	2.4	PHAS=	-30.4	FOM=	0.26	TEST=	1
INDE	11	41	64	FOBS=	25.3	SIGMA=	10.6	PHAS=	124.6	FOM=	0.54	TEST=	0
INDE	11	42	11	FOBS=	208.1	SIGMA=	1.0	PHAS=	153.6	FOM=	0.92	TEST=	0
INDE	11	42	13	FOBS=	331.5	SIGMA=	0.8	PHAS=	3.6	FOM=	0.98	TEST=	0
INDE	11	42	15	FOBS=	91.0	SIGMA=	2.1	PHAS=	19.8	FOM=	0.86	TEST=	0
INDE	11	42	17	FOBS=	273.5	SIGMA=	0.9	PHAS=	159.7	FOM=	0.97	TEST=	0
INDE	11	42	19	FOBS=	200.7	SIGMA=	1.2	PHAS=	-120.9	FOM=	0.94	TEST=	0
INDE	11	42	21	FOBS=	103.8	SIGMA=	2.1	PHAS=	-57.0	FOM=	0.77	TEST=	0
INDE	11	42	23	FOBS=	130.3	SIGMA=	1.7	PHAS=	-130.0	FOM=	0.96	TEST=	0
INDE	11	42	25	FOBS=	160.2	SIGMA=	1.4	PHAS=	-102.4	FOM=	0.94	TEST=	0
INDE	11	42	27	FOBS=	46.9	SIGMA=	4.5	PHAS=	46.0	FOM=	0.48	TEST=	0

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INDE	11	42	29	FOBS=	230.9	SIGMA=	1.0	PHAS=	50.7	FOM=	0.93	TEST=	0
INDE	11	42	31	FOBS=	103.2	SIGMA=	2.2	PHAS=	-135.2	FOM=	0.90	TEST=	0
INDE	11	42	33	FOBS=	140.9	SIGMA=	1.6	PHAS=	119.8	FOM=	0.90	TEST=	0
INDE	11	42	35	FOBS=	125.6	SIGMA=	1.7	PHAS=	44.6	FOM=	0.81	TEST=	0
INDE	11	42	37	FOBS=	105.9	SIGMA=	1.9	PHAS=	-21.0	FOM=	0.93	TEST=	0
INDE	11	42	39	FOBS=	58.5	SIGMA=	3.3	PHAS=	-80.6	FOM=	0.84	TEST=	0
INDE	11	42	41	FOBS=	90.1	SIGMA=	2.2	PHAS=	-16.6	FOM=	0.66	TEST=	0
INDE	11	42	43	FOBS=	94.6	SIGMA=	2.0	PHAS=	41.0	FOM=	0.92	TEST=	0
INDE	11	42	45	FOBS=	93.5	SIGMA=	2.0	PHAS=	23.5	FOM=	0.90	TEST=	0
INDE	11	42	47	FOBS=	71.0	SIGMA=	2.6	PHAS=	61.4	FOM=	0.79	TEST=	0
INDE	11	42	49	FOBS=	167.9	SIGMA=	1.4	PHAS=	105.2	FOM=	0.95	TEST=	0
INDE	11	42	51	FOBS=	94.2	SIGMA=	2.4	PHAS=	59.3	FOM=	0.93	TEST=	0
INDE	11	42	53	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	42	55	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	42	57	FOBS=	43.8	SIGMA=	6.1	PHAS=	90.3	FOM=	0.78	TEST=	0
INDE	11	42	59	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	42	61	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	42	63	FOBS=	56.5	SIGMA=	4.0	PHAS=	-59.7	FOM=	0.80	TEST=	0
INDE	11	43	12	FOBS=	51.2	SIGMA=	4.9	PHAS=	162.5	FOM=	0.20	TEST=	0
INDE	11	43	14	FOBS=	261.1	SIGMA=	0.9	PHAS=	-112.1	FOM=	0.98	TEST=	0
INDE	11	43	16	FOBS=	167.0	SIGMA=	1.3	PHAS=	60.6	FOM=	0.91	TEST=	0
INDE	11	43	18	FOBS=	171.8	SIGMA=	1.3	PHAS=	64.2	FOM=	0.94	TEST=	0
INDE	11	43	20	FOBS=	308.1	SIGMA=	0.9	PHAS=	-155.2	FOM=	0.98	TEST=	0
INDE	11	43	22	FOBS=	137.3	SIGMA=	1.6	PHAS=	-155.8	FOM=	0.83	TEST=	0
INDE	11	43	24	FOBS=	57.5	SIGMA=	3.7	PHAS=	-99.4	FOM=	0.79	TEST=	0
INDE	11	43	26	FOBS=	153.2	SIGMA=	1.5	PHAS=	15.4	FOM=	0.94	TEST=	0
INDE	11	43	28	FOBS=	149.9	SIGMA=	1.5	PHAS=	-85.0	FOM=	0.73	TEST=	0
INDE	11	43	30	FOBS=	101.2	SIGMA=	2.1	PHAS=	-53.7	FOM=	0.86	TEST=	0
INDE	11	43	32	FOBS=	225.0	SIGMA=	1.1	PHAS=	27.3	FOM=	0.93	TEST=	0
INDE	11	43	34	FOBS=	72.0	SIGMA=	3.0	PHAS=	-13.0	FOM=	0.78	TEST=	0
INDE	11	43	36	FOBS=	43.3	SIGMA=	4.4	PHAS=	-48.8	FOM=	0.91	TEST=	0
INDE	11	43	38	FOBS=	83.7	SIGMA=	2.3	PHAS=	-111.4	FOM=	0.89	TEST=	0
INDE	11	43	40	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	43	42	FOBS=	55.2	SIGMA=	3.6	PHAS=	-6.6	FOM=	0.15	TEST=	0
INDE	11	43	44	FOBS=	50.9	SIGMA=	3.7	PHAS=	-154.7	FOM=	0.89	TEST=	0
INDE	11	43	46	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	11	43	48	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	43	50	FOBS=	100.4	SIGMA=	2.3	PHAS=	1.0	FOM=	0.94	TEST=	0
INDE	11	43	52	FOBS=	91.5	SIGMA=	2.4	PHAS=	-56.0	FOM=	0.90	TEST=	0
INDE	11	43	54	FOBS=	65.3	SIGMA=	3.4	PHAS=	-13.2	FOM=	0.77	TEST=	0
INDE	11	43	56	FOBS=	44.7	SIGMA=	4.9	PHAS=	74.5	FOM=	0.73	TEST=	0
INDE	11	43	58	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	11	43	60	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	11	43	62	FOBS=	79.6	SIGMA=	3.5	PHAS=	-95.7	FOM=	0.83	TEST=	0
INDE	11	44	11	FOBS=	318.0	SIGMA=	0.8	PHAS=	-109.1	FOM=	0.96	TEST=	0
INDE	11	44	13	FOBS=	75.9	SIGMA=	3.5	PHAS=	-111.2	FOM=	0.64	TEST=	0
INDE	11	44	15	FOBS=	201.5	SIGMA=	1.1	PHAS=	159.3	FOM=	0.95	TEST=	0
INDE	11	44	17	FOBS=	198.4	SIGMA=	1.2	PHAS=	20.5	FOM=	0.96	TEST=	1
INDE	11	44	19	FOBS=	75.5	SIGMA=	2.8	PHAS=	171.1	FOM=	0.88	TEST=	0
INDE	11	44	21	FOBS=	185.1	SIGMA=	1.2	PHAS=	139.1	FOM=	0.94	TEST=	0
INDE	11	44	23	FOBS=	156.8	SIGMA=	1.4	PHAS=	-105.6	FOM=	0.81	TEST=	0
INDE	11	44	25	FOBS=	110.2	SIGMA=	2.0	PHAS=	-63.4	FOM=	0.89	TEST=	0
INDE	11	44	27	FOBS=	55.7	SIGMA=	4.1	PHAS=	-110.1	FOM=	0.22	TEST=	0
INDE	11	44	29	FOBS=	18.6	SIGMA=	12.2	PHAS=	-32.2	FOM=	0.12	TEST=	0
INDE	11	44	31	FOBS=	65.1	SIGMA=	3.1	PHAS=	37.2	FOM=	0.30	TEST=	0
INDE	11	44	33	FOBS=	130.2	SIGMA=	1.7	PHAS=	162.8	FOM=	0.94	TEST=	1
INDE	11	44	35	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	44	37	FOBS=	35.1	SIGMA=	6.3	PHAS=	-85.2	FOM=	0.81	TEST=	0
INDE	11	44	39	FOBS=	127.5	SIGMA=	1.6	PHAS=	84.5	FOM=	0.80	TEST=	0
INDE	11	44	41	FOBS=	36.4	SIGMA=	5.7	PHAS=	50.8	FOM=	0.28	TEST=	0
INDE	11	44	43	FOBS=	43.8	SIGMA=	4.4	PHAS=	-47.3	FOM=	0.34	TEST=	0
INDE	11	44	45	FOBS=	115.4	SIGMA=	1.7	PHAS=	18.6	FOM=	0.88	TEST=	0
INDE	11	44	47	FOBS=	9.9	SIGMA=	18.7	PHAS=	56.6	FOM=	0.06	TEST=	0
INDE	11	44	49	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	44	51	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	44	53	FOBS=	61.0	SIGMA=	3.6	PHAS=	-159.8	FOM=	0.86	TEST=	0
INDE	11	44	55	FOBS=	41.4	SIGMA=	5.3	PHAS=	-109.9	FOM=	0.61	TEST=	0
INDE	11	44	57	FOBS=	45.5	SIGMA=	4.9	PHAS=	-127.7	FOM=	0.49	TEST=	0
INDE	11	44	59	FOBS=	109.4	SIGMA=	2.1	PHAS=	-153.7	FOM=	0.94	TEST=	0
INDE	11	44	61	FOBS=	27.5	SIGMA=	10.0	PHAS=	-90.9	FOM=	0.22	TEST=	0

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INDE	11	44	63	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	11	45	12	FOBS=	187.7	SIGMA=	1.6	PHAS=	89.5	FOM=	0.97	TEST=	0
INDE	11	45	14	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	45	16	FOBS=	142.0	SIGMA=	1.5	PHAS=	23.6	FOM=	0.89	TEST=	1
INDE	11	45	18	FOBS=	125.5	SIGMA=	1.7	PHAS=	-40.5	FOM=	0.73	TEST=	0
INDE	11	45	20	FOBS=	72.9	SIGMA=	3.1	PHAS=	81.2	FOM=	0.81	TEST=	0
INDE	11	45	22	FOBS=	74.3	SIGMA=	2.8	PHAS=	142.0	FOM=	0.90	TEST=	0
INDE	11	45	24	FOBS=	81.8	SIGMA=	2.6	PHAS=	-138.2	FOM=	0.91	TEST=	0
INDE	11	45	26	FOBS=	93.7	SIGMA=	2.3	PHAS=	-25.4	FOM=	0.44	TEST=	0
INDE	11	45	28	FOBS=	86.1	SIGMA=	2.4	PHAS=	128.6	FOM=	0.83	TEST=	0
INDE	11	45	30	FOBS=	118.3	SIGMA=	1.8	PHAS=	-70.7	FOM=	0.79	TEST=	0
INDE	11	45	32	FOBS=	126.7	SIGMA=	1.7	PHAS=	-14.7	FOM=	0.95	TEST=	0
INDE	11	45	34	FOBS=	45.2	SIGMA=	4.7	PHAS=	-9.4	FOM=	0.23	TEST=	1
INDE	11	45	36	FOBS=	95.4	SIGMA=	2.3	PHAS=	-140.4	FOM=	0.83	TEST=	0
INDE	11	45	38	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	45	40	FOBS=	111.8	SIGMA=	1.8	PHAS=	95.0	FOM=	0.25	TEST=	1
INDE	11	45	42	FOBS=	49.2	SIGMA=	3.9	PHAS=	174.3	FOM=	0.35	TEST=	0
INDE	11	45	44	FOBS=	35.2	SIGMA=	5.7	PHAS=	-104.0	FOM=	0.47	TEST=	0
INDE	11	45	46	FOBS=	93.0	SIGMA=	2.1	PHAS=	39.4	FOM=	0.45	TEST=	0
INDE	11	45	48	FOBS=	66.9	SIGMA=	2.8	PHAS=	-127.3	FOM=	0.82	TEST=	0
INDE	11	45	50	FOBS=	26.6	SIGMA=	9.1	PHAS=	-95.0	FOM=	0.29	TEST=	0
INDE	11	45	52	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	45	54	FOBS=	47.1	SIGMA=	4.7	PHAS=	135.8	FOM=	0.74	TEST=	0
INDE	11	45	56	FOBS=	95.7	SIGMA=	2.4	PHAS=	108.5	FOM=	0.92	TEST=	0
INDE	11	45	58	FOBS=	111.0	SIGMA=	2.1	PHAS=	113.0	FOM=	0.95	TEST=	0
INDE	11	45	60	FOBS=	70.2	SIGMA=	3.9	PHAS=	131.7	FOM=	0.66	TEST=	0
INDE	11	45	62	FOBS=	70.1	SIGMA=	3.4	PHAS=	-89.6	FOM=	0.83	TEST=	0
INDE	11	46	11	FOBS=	117.1	SIGMA=	2.5	PHAS=	-26.1	FOM=	0.47	TEST=	0
INDE	11	46	13	FOBS=	191.4	SIGMA=	1.6	PHAS=	-74.8	FOM=	0.87	TEST=	0
INDE	11	46	15	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	46	17	FOBS=	133.6	SIGMA=	1.6	PHAS=	25.5	FOM=	0.69	TEST=	1
INDE	11	46	19	FOBS=	125.4	SIGMA=	1.7	PHAS=	-137.7	FOM=	0.86	TEST=	0
INDE	11	46	21	FOBS=	91.6	SIGMA=	2.3	PHAS=	-12.7	FOM=	0.79	TEST=	0
INDE	11	46	23	FOBS=	44.0	SIGMA=	4.7	PHAS=	-178.5	FOM=	0.77	TEST=	0
INDE	11	46	25	FOBS=	121.9	SIGMA=	1.8	PHAS=	112.6	FOM=	0.89	TEST=	0
INDE	11	46	27	FOBS=	107.0	SIGMA=	2.0	PHAS=	0.0	FOM=	0.59	TEST=	1
INDE	11	46	29	FOBS=	111.8	SIGMA=	1.9	PHAS=	177.3	FOM=	0.88	TEST=	0
INDE	11	46	31	FOBS=	40.5	SIGMA=	5.0	PHAS=	-145.9	FOM=	0.44	TEST=	0
INDE	11	46	33	FOBS=	53.2	SIGMA=	3.4	PHAS=	-157.5	FOM=	0.59	TEST=	0
INDE	11	46	35	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	46	37	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	46	39	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	46	41	FOBS=	65.2	SIGMA=	2.9	PHAS=	52.9	FOM=	0.87	TEST=	0
INDE	11	46	43	FOBS=	69.4	SIGMA=	2.8	PHAS=	-55.2	FOM=	0.86	TEST=	0
INDE	11	46	45	FOBS=	34.4	SIGMA=	5.5	PHAS=	-89.3	FOM=	0.08	TEST=	0
INDE	11	46	47	FOBS=	107.5	SIGMA=	1.8	PHAS=	124.7	FOM=	0.80	TEST=	0
INDE	11	46	49	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	46	51	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	46	53	FOBS=	73.3	SIGMA=	3.0	PHAS=	22.9	FOM=	0.89	TEST=	0
INDE	11	46	55	FOBS=	66.7	SIGMA=	3.4	PHAS=	-150.4	FOM=	0.06	TEST=	1
INDE	11	46	57	FOBS=	40.9	SIGMA=	6.0	PHAS=	38.2	FOM=	0.81	TEST=	0
INDE	11	46	59	FOBS=	37.0	SIGMA=	7.4	PHAS=	-7.8	FOM=	0.47	TEST=	0
INDE	11	46	61	FOBS=	33.4	SIGMA=	8.3	PHAS=	-153.9	FOM=	0.60	TEST=	0
INDE	11	47	12	FOBS=	167.4	SIGMA=	1.8	PHAS=	-8.4	FOM=	0.55	TEST=	1
INDE	11	47	14	FOBS=	45.0	SIGMA=	6.0	PHAS=	145.3	FOM=	0.76	TEST=	0
INDE	11	47	16	FOBS=	107.7	SIGMA=	1.9	PHAS=	-51.3	FOM=	0.88	TEST=	0
INDE	11	47	18	FOBS=	228.5	SIGMA=	1.1	PHAS=	9.2	FOM=	0.94	TEST=	0
INDE	11	47	20	FOBS=	163.9	SIGMA=	1.3	PHAS=	2.0	FOM=	0.89	TEST=	1
INDE	11	47	22	FOBS=	17.1	SIGMA=	11.8	PHAS=	166.4	FOM=	0.19	TEST=	0
INDE	11	47	24	FOBS=	170.7	SIGMA=	1.3	PHAS=	20.6	FOM=	0.93	TEST=	0
INDE	11	47	26	FOBS=	83.4	SIGMA=	2.5	PHAS=	-51.7	FOM=	0.57	TEST=	1
INDE	11	47	28	FOBS=	135.4	SIGMA=	1.6	PHAS=	-153.2	FOM=	0.83	TEST=	0
INDE	11	47	30	FOBS=	88.3	SIGMA=	2.4	PHAS=	173.5	FOM=	0.84	TEST=	0
INDE	11	47	32	FOBS=	86.6	SIGMA=	2.4	PHAS=	-131.3	FOM=	0.93	TEST=	0
INDE	11	47	34	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	11	47	36	FOBS=	54.9	SIGMA=	3.8	PHAS=	176.0	FOM=	0.80	TEST=	0
INDE	11	47	38	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	47	40	FOBS=	86.4	SIGMA=	2.2	PHAS=	-25.6	FOM=	0.87	TEST=	0
INDE	11	47	42	FOBS=	72.4	SIGMA=	2.6	PHAS=	-101.2	FOM=	0.75	TEST=	0
INDE	11	47	44	FOBS=	56.5	SIGMA=	3.5	PHAS=	-143.9	FOM=	0.66	TEST=	0

INDE	11	47	46	FOBS=	88.7	SIGMA=	2.2	PHAS=	38.8	FOM=	0.86	TEST=	0
INDE	11	47	48	FOBS=	39.6	SIGMA=	4.7	PHAS=	-5.1	FOM=	0.24	TEST=	1
INDE	11	47	50	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	47	52	FOBS=	101.1	SIGMA=	2.1	PHAS=	-9.8	FOM=	0.90	TEST=	0
INDE	11	47	54	FOBS=	78.4	SIGMA=	2.9	PHAS=	-131.2	FOM=	0.85	TEST=	0
INDE	11	47	56	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	47	58	FOBS=	29.3	SIGMA=	10.5	PHAS=	118.8	FOM=	0.26	TEST=	0
INDE	11	47	60	FOBS=	42.5	SIGMA=	6.6	PHAS=	68.8	FOM=	0.19	TEST=	1
INDE	11	48	11	FOBS=	87.1	SIGMA=	3.1	PHAS=	147.4	FOM=	0.87	TEST=	0
INDE	11	48	13	FOBS=	250.7	SIGMA=	1.3	PHAS=	-124.8	FOM=	0.94	TEST=	0
INDE	11	48	15	FOBS=	149.6	SIGMA=	1.4	PHAS=	59.5	FOM=	0.90	TEST=	1
INDE	11	48	17	FOBS=	232.9	SIGMA=	1.0	PHAS=	-113.0	FOM=	0.96	TEST=	0
INDE	11	48	19	FOBS=	289.0	SIGMA=	0.9	PHAS=	-103.8	FOM=	0.97	TEST=	0
INDE	11	48	21	FOBS=	147.0	SIGMA=	1.6	PHAS=	-64.4	FOM=	0.95	TEST=	0
INDE	11	48	23	FOBS=	197.0	SIGMA=	1.1	PHAS=	-156.5	FOM=	0.96	TEST=	0
INDE	11	48	25	FOBS=	118.1	SIGMA=	1.8	PHAS=	-53.6	FOM=	0.84	TEST=	0
INDE	11	48	27	FOBS=	137.5	SIGMA=	1.6	PHAS=	84.5	FOM=	0.86	TEST=	0
INDE	11	48	29	FOBS=	155.0	SIGMA=	1.4	PHAS=	114.9	FOM=	0.92	TEST=	0
INDE	11	48	31	FOBS=	177.4	SIGMA=	1.3	PHAS=	116.5	FOM=	0.96	TEST=	0
INDE	11	48	33	FOBS=	23.4	SIGMA=	8.5	PHAS=	143.3	FOM=	0.69	TEST=	0
INDE	11	48	35	FOBS=	73.9	SIGMA=	2.5	PHAS=	-159.1	FOM=	0.89	TEST=	0
INDE	11	48	37	FOBS=	79.3	SIGMA=	2.7	PHAS=	98.0	FOM=	0.96	TEST=	0
INDE	11	48	39	FOBS=	55.8	SIGMA=	3.4	PHAS=	173.2	FOM=	0.63	TEST=	1
INDE	11	48	41	FOBS=	88.9	SIGMA=	2.2	PHAS=	-153.4	FOM=	0.84	TEST=	0
INDE	11	48	43	FOBS=	33.2	SIGMA=	6.5	PHAS=	-52.0	FOM=	0.26	TEST=	0
INDE	11	48	45	FOBS=	44.7	SIGMA=	4.2	PHAS=	12.7	FOM=	0.32	TEST=	1
INDE	11	48	47	FOBS=	53.1	SIGMA=	3.5	PHAS=	52.7	FOM=	0.71	TEST=	0
INDE	11	48	49	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	48	51	FOBS=	17.6	SIGMA=	13.6	PHAS=	-35.4	FOM=	0.13	TEST=	0
INDE	11	48	53	FOBS=	36.7	SIGMA=	5.5	PHAS=	-147.2	FOM=	0.63	TEST=	0
INDE	11	48	55	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	48	57	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	48	59	FOBS=	40.8	SIGMA=	6.9	PHAS=	-27.7	FOM=	0.38	TEST=	0
INDE	11	49	12	FOBS=	59.2	SIGMA=	4.6	PHAS=	97.9	FOM=	0.70	TEST=	0
INDE	11	49	14	FOBS=	217.4	SIGMA=	1.4	PHAS=	95.7	FOM=	0.92	TEST=	0
INDE	11	49	16	FOBS=	88.5	SIGMA=	2.3	PHAS=	-177.5	FOM=	0.72	TEST=	0
INDE	11	49	18	FOBS=	81.0	SIGMA=	2.5	PHAS=	142.8	FOM=	0.83	TEST=	0
INDE	11	49	20	FOBS=	88.0	SIGMA=	2.3	PHAS=	-177.8	FOM=	0.89	TEST=	0
INDE	11	49	22	FOBS=	89.6	SIGMA=	2.3	PHAS=	118.3	FOM=	0.40	TEST=	0
INDE	11	49	24	FOBS=	129.2	SIGMA=	1.6	PHAS=	137.2	FOM=	0.93	TEST=	0
INDE	11	49	26	FOBS=	129.3	SIGMA=	1.6	PHAS=	105.7	FOM=	0.94	TEST=	0
INDE	11	49	28	FOBS=	150.4	SIGMA=	1.4	PHAS=	-5.0	FOM=	0.96	TEST=	0
INDE	11	49	30	FOBS=	143.2	SIGMA=	1.5	PHAS=	27.7	FOM=	0.90	TEST=	0
INDE	11	49	32	FOBS=	167.7	SIGMA=	1.3	PHAS=	-69.6	FOM=	0.93	TEST=	0
INDE	11	49	34	FOBS=	29.9	SIGMA=	7.1	PHAS=	-127.7	FOM=	0.46	TEST=	0
INDE	11	49	36	FOBS=	105.1	SIGMA=	1.8	PHAS=	78.6	FOM=	0.95	TEST=	0
INDE	11	49	38	FOBS=	144.7	SIGMA=	1.6	PHAS=	19.8	FOM=	0.84	TEST=	1
INDE	11	49	40	FOBS=	92.4	SIGMA=	2.1	PHAS=	179.8	FOM=	0.91	TEST=	0
INDE	11	49	42	FOBS=	28.6	SIGMA=	6.8	PHAS=	70.8	FOM=	0.05	TEST=	0
INDE	11	49	44	FOBS=	99.4	SIGMA=	2.0	PHAS=	167.8	FOM=	0.94	TEST=	0
INDE	11	49	46	FOBS=	53.2	SIGMA=	3.6	PHAS=	-108.1	FOM=	0.72	TEST=	0
INDE	11	49	48	FOBS=	26.4	SIGMA=	8.9	PHAS=	-11.7	FOM=	0.34	TEST=	0
INDE	11	49	50	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	49	52	FOBS=	33.5	SIGMA=	6.2	PHAS=	-3.5	FOM=	0.54	TEST=	0
INDE	11	49	54	FOBS=	42.9	SIGMA=	4.8	PHAS=	-123.4	FOM=	0.30	TEST=	0
INDE	11	49	56	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	49	58	FOBS=	86.6	SIGMA=	3.3	PHAS=	-62.4	FOM=	0.04	TEST=	1
INDE	11	50	11	FOBS=	173.9	SIGMA=	1.2	PHAS=	35.8	FOM=	0.89	TEST=	0
INDE	11	50	13	FOBS=	0.0	SIGMA=	22.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	50	15	FOBS=	131.4	SIGMA=	2.1	PHAS=	69.5	FOM=	0.47	TEST=	0
INDE	11	50	17	FOBS=	34.1	SIGMA=	6.5	PHAS=	125.2	FOM=	0.03	TEST=	0
INDE	11	50	19	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	50	21	FOBS=	72.6	SIGMA=	3.0	PHAS=	-56.6	FOM=	0.55	TEST=	1
INDE	11	50	23	FOBS=	63.5	SIGMA=	3.2	PHAS=	163.0	FOM=	0.67	TEST=	0
INDE	11	50	25	FOBS=	19.2	SIGMA=	10.5	PHAS=	45.5	FOM=	0.42	TEST=	0
INDE	11	50	27	FOBS=	26.5	SIGMA=	7.6	PHAS=	90.3	FOM=	0.13	TEST=	1
INDE	11	50	29	FOBS=	142.7	SIGMA=	1.5	PHAS=	-100.7	FOM=	0.96	TEST=	0
INDE	11	50	31	FOBS=	61.9	SIGMA=	3.3	PHAS=	-161.8	FOM=	0.77	TEST=	0
INDE	11	50	33	FOBS=	42.1	SIGMA=	4.8	PHAS=	-112.1	FOM=	0.29	TEST=	0
INDE	11	50	35	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	11	50	37	FOBS=	85.9	SIGMA=	2.1	PHAS=	-64.8	FOM=	0.69	TEST=	1
INDE	11	50	39	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	50	41	FOBS=	12.5	SIGMA=	15.6	PHAS=	95.9	FOM=	0.01	TEST=	0
INDE	11	50	43	FOBS=	47.9	SIGMA=	3.9	PHAS=	41.7	FOM=	0.71	TEST=	0
INDE	11	50	45	FOBS=	45.4	SIGMA=	4.2	PHAS=	11.5	FOM=	0.54	TEST=	0
INDE	11	50	47	FOBS=	120.0	SIGMA=	1.7	PHAS=	121.8	FOM=	0.89	TEST=	0
INDE	11	50	49	FOBS=	41.8	SIGMA=	5.4	PHAS=	-35.4	FOM=	0.11	TEST=	0
INDE	11	50	51	FOBS=	52.4	SIGMA=	4.0	PHAS=	-30.7	FOM=	0.71	TEST=	0
INDE	11	50	53	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	50	55	FOBS=	29.9	SIGMA=	6.9	PHAS=	34.9	FOM=	0.19	TEST=	0
INDE	11	50	57	FOBS=	56.0	SIGMA=	5.0	PHAS=	112.8	FOM=	0.08	TEST=	0
INDE	11	51	12	FOBS=	190.8	SIGMA=	1.1	PHAS=	6.7	FOM=	0.94	TEST=	0
INDE	11	51	14	FOBS=	78.5	SIGMA=	3.4	PHAS=	126.7	FOM=	0.83	TEST=	0
INDE	11	51	16	FOBS=	37.0	SIGMA=	5.3	PHAS=	-48.2	FOM=	0.25	TEST=	0
INDE	11	51	18	FOBS=	93.4	SIGMA=	2.1	PHAS=	-28.1	FOM=	0.22	TEST=	0
INDE	11	51	20	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	11	51	22	FOBS=	58.1	SIGMA=	3.4	PHAS=	45.8	FOM=	0.65	TEST=	0
INDE	11	51	24	FOBS=	242.2	SIGMA=	1.0	PHAS=	149.9	FOM=	0.98	TEST=	0
INDE	11	51	26	FOBS=	109.1	SIGMA=	1.9	PHAS=	88.0	FOM=	0.93	TEST=	0
INDE	11	51	28	FOBS=	89.7	SIGMA=	2.3	PHAS=	77.2	FOM=	0.82	TEST=	0
INDE	11	51	30	FOBS=	22.4	SIGMA=	9.0	PHAS=	-82.9	FOM=	0.10	TEST=	0
INDE	11	51	32	FOBS=	144.9	SIGMA=	1.5	PHAS=	-66.2	FOM=	0.89	TEST=	0
INDE	11	51	34	FOBS=	32.4	SIGMA=	6.1	PHAS=	-89.5	FOM=	0.31	TEST=	0
INDE	11	51	36	FOBS=	85.0	SIGMA=	2.1	PHAS=	91.2	FOM=	0.89	TEST=	0
INDE	11	51	38	FOBS=	56.8	SIGMA=	3.1	PHAS=	178.3	FOM=	0.50	TEST=	0
INDE	11	51	40	FOBS=	64.1	SIGMA=	2.9	PHAS=	174.6	FOM=	0.85	TEST=	0
INDE	11	51	42	FOBS=	96.9	SIGMA=	2.0	PHAS=	-100.0	FOM=	0.91	TEST=	0
INDE	11	51	44	FOBS=	71.2	SIGMA=	2.7	PHAS=	122.1	FOM=	0.91	TEST=	0
INDE	11	51	46	FOBS=	41.4	SIGMA=	4.6	PHAS=	-151.1	FOM=	0.32	TEST=	0
INDE	11	51	48	FOBS=	85.5	SIGMA=	2.5	PHAS=	60.6	FOM=	0.29	TEST=	1
INDE	11	51	50	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	51	52	FOBS=	27.9	SIGMA=	7.5	PHAS=	179.4	FOM=	0.47	TEST=	0
INDE	11	51	54	FOBS=	22.4	SIGMA=	10.3	PHAS=	26.5	FOM=	0.19	TEST=	0
INDE	11	51	56	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	52	11	FOBS=	94.0	SIGMA=	2.8	PHAS=	-10.8	FOM=	0.93	TEST=	0
INDE	11	52	13	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	52	15	FOBS=	58.4	SIGMA=	4.5	PHAS=	32.0	FOM=	0.22	TEST=	0
INDE	11	52	17	FOBS=	109.4	SIGMA=	1.8	PHAS=	-86.3	FOM=	0.37	TEST=	1
INDE	11	52	19	FOBS=	42.7	SIGMA=	5.1	PHAS=	-40.7	FOM=	0.38	TEST=	0
INDE	11	52	21	FOBS=	131.6	SIGMA=	1.6	PHAS=	-0.9	FOM=	0.42	TEST=	0
INDE	11	52	23	FOBS=	257.8	SIGMA=	0.9	PHAS=	66.2	FOM=	0.98	TEST=	0
INDE	11	52	25	FOBS=	222.6	SIGMA=	1.0	PHAS=	72.9	FOM=	0.98	TEST=	0
INDE	11	52	27	FOBS=	44.1	SIGMA=	4.5	PHAS=	-56.1	FOM=	0.41	TEST=	0
INDE	11	52	29	FOBS=	91.2	SIGMA=	2.3	PHAS=	-71.8	FOM=	0.81	TEST=	0
INDE	11	52	31	FOBS=	99.8	SIGMA=	2.1	PHAS=	-136.9	FOM=	0.92	TEST=	0
INDE	11	52	33	FOBS=	110.9	SIGMA=	1.9	PHAS=	-156.3	FOM=	0.93	TEST=	0
INDE	11	52	35	FOBS=	30.4	SIGMA=	7.0	PHAS=	-102.2	FOM=	0.23	TEST=	0
INDE	11	52	37	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	52	39	FOBS=	68.9	SIGMA=	2.8	PHAS=	76.5	FOM=	0.91	TEST=	0
INDE	11	52	41	FOBS=	173.6	SIGMA=	1.2	PHAS=	-9.7	FOM=	0.93	TEST=	0
INDE	11	52	43	FOBS=	62.1	SIGMA=	3.1	PHAS=	-168.8	FOM=	0.28	TEST=	0
INDE	11	52	45	FOBS=	77.7	SIGMA=	2.5	PHAS=	-7.6	FOM=	0.92	TEST=	0
INDE	11	52	47	FOBS=	59.7	SIGMA=	3.2	PHAS=	88.7	FOM=	0.80	TEST=	0
INDE	11	52	49	FOBS=	33.6	SIGMA=	7.4	PHAS=	-35.0	FOM=	0.63	TEST=	0
INDE	11	52	51	FOBS=	73.4	SIGMA=	2.9	PHAS=	-164.5	FOM=	0.86	TEST=	0
INDE	11	52	53	FOBS=	50.4	SIGMA=	4.2	PHAS=	-128.2	FOM=	0.24	TEST=	1
INDE	11	52	55	FOBS=	50.4	SIGMA=	5.0	PHAS=	-38.9	FOM=	0.82	TEST=	0
INDE	11	53	12	FOBS=	169.8	SIGMA=	1.1	PHAS=	30.1	FOM=	0.93	TEST=	0
INDE	11	53	14	FOBS=	38.1	SIGMA=	6.9	PHAS=	53.3	FOM=	0.58	TEST=	0
INDE	11	53	16	FOBS=	42.5	SIGMA=	6.0	PHAS=	23.9	FOM=	0.18	TEST=	1
INDE	11	53	18	FOBS=	87.1	SIGMA=	2.2	PHAS=	-61.0	FOM=	0.74	TEST=	0
INDE	11	53	20	FOBS=	142.9	SIGMA=	1.5	PHAS=	-96.2	FOM=	0.82	TEST=	0
INDE	11	53	22	FOBS=	44.8	SIGMA=	4.4	PHAS=	26.7	FOM=	0.47	TEST=	0
INDE	11	53	24	FOBS=	115.9	SIGMA=	2.1	PHAS=	-20.1	FOM=	0.95	TEST=	0
INDE	11	53	26	FOBS=	137.1	SIGMA=	1.5	PHAS=	-19.7	FOM=	0.90	TEST=	0
INDE	11	53	28	FOBS=	76.2	SIGMA=	2.6	PHAS=	53.9	FOM=	0.82	TEST=	0
INDE	11	53	30	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	53	32	FOBS=	45.2	SIGMA=	4.5	PHAS=	112.7	FOM=	0.65	TEST=	0
INDE	11	53	34	FOBS=	54.1	SIGMA=	3.7	PHAS=	118.3	FOM=	0.77	TEST=	0
INDE	11	53	36	FOBS=	100.7	SIGMA=	2.0	PHAS=	55.6	FOM=	0.91	TEST=	0

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INDE 11 53 38 FOBS= 0.0 SIGMA= 18.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 11 53 40 FOBS= 158.0 SIGMA= 1.4 PHAS= -15.0 FOM= 0.94 TEST= 0
INDE 11 53 42 FOBS= 83.2 SIGMA= 2.3 PHAS= -136.2 FOM= 0.89 TEST= 0
INDE 11 53 44 FOBS= 100.2 SIGMA= 2.0 PHAS= 173.0 FOM= 0.95 TEST= 0
INDE 11 53 46 FOBS= 32.1 SIGMA= 5.9 PHAS= 91.4 FOM= 0.12 TEST= 0
INDE 11 53 48 FOBS= 76.5 SIGMA= 2.8 PHAS= -107.3 FOM= 0.88 TEST= 0
INDE 11 53 50 FOBS= 39.6 SIGMA= 5.8 PHAS= 114.2 FOM= 0.78 TEST= 0
INDE 11 53 52 FOBS= 28.3 SIGMA= 9.2 PHAS= 124.9 FOM= 0.24 TEST= 0
INDE 11 53 54 FOBS= 69.5 SIGMA= 4.2 PHAS= -64.5 FOM= 0.87 TEST= 0
INDE 11 54 11 FOBS= 105.2 SIGMA= 2.6 PHAS= -179.4 FOM= 0.76 TEST= 0
INDE 11 54 13 FOBS= 136.8 SIGMA= 1.1 PHAS= -103.6 FOM= 0.95 TEST= 0
INDE 11 54 15 FOBS= 104.3 SIGMA= 2.5 PHAS= -69.8 FOM= 0.43 TEST= 0
INDE 11 54 17 FOBS= 79.5 SIGMA= 3.2 PHAS= 175.4 FOM= 0.81 TEST= 0
INDE 11 54 19 FOBS= 0.0 SIGMA= 20.3 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 11 54 21 FOBS= 36.9 SIGMA= 5.9 PHAS= 69.8 FOM= 0.52 TEST= 0
INDE 11 54 23 FOBS= 130.6 SIGMA= 1.6 PHAS= 39.4 FOM= 0.95 TEST= 0
INDE 11 54 25 FOBS= 68.8 SIGMA= 2.9 PHAS= 18.0 FOM= 0.22 TEST= 0
INDE 11 54 27 FOBS= 104.1 SIGMA= 2.0 PHAS= -154.2 FOM= 0.92 TEST= 0
INDE 11 54 29 FOBS= 60.8 SIGMA= 3.3 PHAS= 46.0 FOM= 0.32 TEST= 0
INDE 11 54 31 FOBS= 121.4 SIGMA= 1.7 PHAS= -20.8 FOM= 0.92 TEST= 0
INDE 11 54 33 FOBS= 83.9 SIGMA= 2.4 PHAS= -165.6 FOM= 0.72 TEST= 0
INDE 11 54 35 FOBS= 77.3 SIGMA= 2.6 PHAS= -29.0 FOM= 0.36 TEST= 0
INDE 11 54 37 FOBS= 73.2 SIGMA= 2.4 PHAS= -66.9 FOM= 0.86 TEST= 0
INDE 11 54 39 FOBS= 109.0 SIGMA= 1.7 PHAS= 27.8 FOM= 0.83 TEST= 0
INDE 11 54 41 FOBS= 46.5 SIGMA= 4.2 PHAS= 143.8 FOM= 0.56 TEST= 0
INDE 11 54 43 FOBS= 141.7 SIGMA= 1.4 PHAS= 67.2 FOM= 0.95 TEST= 0
INDE 11 54 45 FOBS= 113.3 SIGMA= 1.9 PHAS= 69.5 FOM= 0.94 TEST= 0
INDE 11 54 47 FOBS= 105.3 SIGMA= 2.3 PHAS= 53.6 FOM= 0.91 TEST= 0
INDE 11 54 49 FOBS= 60.7 SIGMA= 4.4 PHAS= 65.2 FOM= 0.87 TEST= 0
INDE 11 54 51 FOBS= 67.5 SIGMA= 3.6 PHAS= -144.4 FOM= 0.87 TEST= 0
INDE 11 54 53 FOBS= 5.9 SIGMA= 58.2 PHAS= -112.9 FOM= 0.14 TEST= 0
INDE 11 55 12 FOBS= 55.7 SIGMA= 4.7 PHAS= 147.2 FOM= 0.38 TEST= 0
INDE 11 55 14 FOBS= 144.9 SIGMA= 1.1 PHAS= 154.8 FOM= 0.95 TEST= 0
INDE 11 55 16 FOBS= 37.1 SIGMA= 6.9 PHAS= -142.2 FOM= 0.65 TEST= 0
INDE 11 55 18 FOBS= 31.0 SIGMA= 6.2 PHAS= 178.6 FOM= 0.11 TEST= 0
INDE 11 55 20 FOBS= 76.4 SIGMA= 2.6 PHAS= -114.8 FOM= 0.18 TEST= 0
INDE 11 55 22 FOBS= 82.7 SIGMA= 2.6 PHAS= -8.0 FOM= 0.89 TEST= 0
INDE 11 55 24 FOBS= 116.0 SIGMA= 1.8 PHAS= -50.3 FOM= 0.62 TEST= 0
INDE 11 55 26 FOBS= 23.8 SIGMA= 8.2 PHAS= -120.7 FOM= 0.17 TEST= 0
INDE 11 55 28 FOBS= 56.6 SIGMA= 3.5 PHAS= 37.1 FOM= 0.69 TEST= 0
INDE 11 55 30 FOBS= 96.4 SIGMA= 2.1 PHAS= -70.4 FOM= 0.88 TEST= 0
INDE 11 55 32 FOBS= 53.9 SIGMA= 3.7 PHAS= -131.8 FOM= 0.76 TEST= 0
INDE 11 55 34 FOBS= 54.3 SIGMA= 3.7 PHAS= 7.1 FOM= 0.79 TEST= 0
INDE 11 55 36 FOBS= 130.9 SIGMA= 1.6 PHAS= 78.0 FOM= 0.92 TEST= 0
INDE 11 55 38 FOBS= 32.9 SIGMA= 5.7 PHAS= -165.2 FOM= 0.23 TEST= 0
INDE 11 55 40 FOBS= 47.7 SIGMA= 3.7 PHAS= -27.1 FOM= 0.75 TEST= 0
INDE 11 55 42 FOBS= 0.0 SIGMA= 19.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 11 55 44 FOBS= 67.8 SIGMA= 3.1 PHAS= -140.2 FOM= 0.47 TEST= 1
INDE 11 55 46 FOBS= 75.3 SIGMA= 2.8 PHAS= -11.2 FOM= 0.92 TEST= 0
INDE 11 55 48 FOBS= 51.6 SIGMA= 5.2 PHAS= -74.2 FOM= 0.79 TEST= 0
INDE 11 55 50 FOBS= 0.0 SIGMA= 24.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 11 55 52 FOBS= 32.1 SIGMA= 11.0 PHAS= -140.3 FOM= 0.47 TEST= 0
INDE 11 56 11 FOBS= 200.1 SIGMA= 1.5 PHAS= -175.2 FOM= 0.96 TEST= 0
INDE 11 56 13 FOBS= 43.1 SIGMA= 3.1 PHAS= -157.2 FOM= 0.18 TEST= 1
INDE 11 56 15 FOBS= 82.8 SIGMA= 2.0 PHAS= 74.3 FOM= 0.80 TEST= 0
INDE 11 56 17 FOBS= 129.7 SIGMA= 2.1 PHAS= 59.1 FOM= 0.53 TEST= 1
INDE 11 56 19 FOBS= 97.6 SIGMA= 2.0 PHAS= 33.1 FOM= 0.14 TEST= 1
INDE 11 56 21 FOBS= 30.0 SIGMA= 6.4 PHAS= 54.0 FOM= 0.57 TEST= 1
INDE 11 56 23 FOBS= 58.4 SIGMA= 3.3 PHAS= 170.8 FOM= 0.52 TEST= 0
INDE 11 56 25 FOBS= 68.9 SIGMA= 2.9 PHAS= -155.9 FOM= 0.75 TEST= 0
INDE 11 56 27 FOBS= 110.0 SIGMA= 1.9 PHAS= -98.3 FOM= 0.61 TEST= 0
INDE 11 56 29 FOBS= 74.4 SIGMA= 2.7 PHAS= -127.0 FOM= 0.13 TEST= 1
INDE 11 56 31 FOBS= 42.0 SIGMA= 4.7 PHAS= -36.9 FOM= 0.71 TEST= 0
INDE 11 56 33 FOBS= 90.3 SIGMA= 2.2 PHAS= -158.4 FOM= 0.77 TEST= 0
INDE 11 56 35 FOBS= 41.2 SIGMA= 5.1 PHAS= -25.6 FOM= 0.57 TEST= 0
INDE 11 56 37 FOBS= 92.1 SIGMA= 2.2 PHAS= -73.9 FOM= 0.94 TEST= 0
INDE 11 56 39 FOBS= 58.6 SIGMA= 3.3 PHAS= -148.1 FOM= 0.86 TEST= 1
INDE 11 56 41 FOBS= 0.0 SIGMA= 19.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 11 56 43 FOBS= 46.1 SIGMA= 5.4 PHAS= 85.1 FOM= 0.77 TEST= 0
INDE 11 56 45 FOBS= 0.0 SIGMA= 21.2 PHAS= 0.0 FOM= 0.00 TEST= 0

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INDE	11	56	47	FOBS=	57.3	SIGMA=	4.7	PHAS=	27.2	FOM=	0.75	TEST=	0
INDE	11	56	49	FOBS=	50.7	SIGMA=	5.4	PHAS=	-96.3	FOM=	0.36	TEST=	0
INDE	11	56	51	FOBS=	85.4	SIGMA=	4.2	PHAS=	-135.4	FOM=	0.94	TEST=	0
INDE	11	57	12	FOBS=	44.8	SIGMA=	5.8	PHAS=	-148.2	FOM=	0.32	TEST=	0
INDE	11	57	14	FOBS=	48.5	SIGMA=	2.9	PHAS=	-73.6	FOM=	0.62	TEST=	1
INDE	11	57	16	FOBS=	208.5	SIGMA=	0.9	PHAS=	-63.7	FOM=	0.97	TEST=	0
INDE	11	57	18	FOBS=	59.1	SIGMA=	4.2	PHAS=	99.2	FOM=	0.03	TEST=	1
INDE	11	57	20	FOBS=	45.8	SIGMA=	4.1	PHAS=	13.4	FOM=	0.73	TEST=	0
INDE	11	57	22	FOBS=	31.0	SIGMA=	6.0	PHAS=	-63.2	FOM=	0.22	TEST=	0
INDE	11	57	24	FOBS=	37.3	SIGMA=	5.2	PHAS=	22.4	FOM=	0.47	TEST=	0
INDE	11	57	26	FOBS=	43.0	SIGMA=	4.5	PHAS=	159.0	FOM=	0.61	TEST=	0
INDE	11	57	28	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	11	57	30	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	57	32	FOBS=	27.4	SIGMA=	7.9	PHAS=	-134.8	FOM=	0.18	TEST=	0
INDE	11	57	34	FOBS=	25.1	SIGMA=	9.9	PHAS=	145.1	FOM=	0.06	TEST=	0
INDE	11	57	36	FOBS=	45.8	SIGMA=	4.8	PHAS=	39.6	FOM=	0.75	TEST=	0
INDE	11	57	38	FOBS=	53.2	SIGMA=	4.6	PHAS=	171.3	FOM=	0.80	TEST=	0
INDE	11	57	40	FOBS=	0.0	SIGMA=	22.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	11	57	42	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	57	44	FOBS=	38.6	SIGMA=	5.8	PHAS=	96.6	FOM=	0.64	TEST=	0
INDE	11	57	46	FOBS=	57.1	SIGMA=	4.6	PHAS=	152.1	FOM=	0.08	TEST=	1
INDE	11	57	48	FOBS=	72.6	SIGMA=	4.3	PHAS=	177.2	FOM=	0.11	TEST=	1
INDE	11	57	50	FOBS=	62.1	SIGMA=	5.8	PHAS=	-166.0	FOM=	0.91	TEST=	0
INDE	11	58	11	FOBS=	111.8	SIGMA=	2.4	PHAS=	24.8	FOM=	0.87	TEST=	0
INDE	11	58	13	FOBS=	132.4	SIGMA=	2.0	PHAS=	99.4	FOM=	0.77	TEST=	1
INDE	11	58	15	FOBS=	111.8	SIGMA=	1.7	PHAS=	-176.5	FOM=	0.94	TEST=	0
INDE	11	58	17	FOBS=	97.8	SIGMA=	2.1	PHAS=	-134.4	FOM=	0.88	TEST=	0
INDE	11	58	19	FOBS=	96.3	SIGMA=	2.6	PHAS=	3.1	FOM=	0.88	TEST=	0
INDE	11	58	21	FOBS=	31.5	SIGMA=	6.0	PHAS=	137.6	FOM=	0.70	TEST=	0
INDE	11	58	23	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	58	25	FOBS=	40.8	SIGMA=	4.7	PHAS=	-116.1	FOM=	0.45	TEST=	0
INDE	11	58	27	FOBS=	50.0	SIGMA=	4.3	PHAS=	85.9	FOM=	0.68	TEST=	0
INDE	11	58	29	FOBS=	50.2	SIGMA=	3.9	PHAS=	141.5	FOM=	0.67	TEST=	1
INDE	11	58	31	FOBS=	42.3	SIGMA=	5.1	PHAS=	121.0	FOM=	0.51	TEST=	0
INDE	11	58	33	FOBS=	28.3	SIGMA=	8.5	PHAS=	-140.7	FOM=	0.04	TEST=	0
INDE	11	58	35	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	58	37	FOBS=	50.8	SIGMA=	4.8	PHAS=	-12.2	FOM=	0.78	TEST=	0
INDE	11	58	39	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	58	41	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	58	43	FOBS=	12.6	SIGMA=	15.0	PHAS=	170.8	FOM=	0.07	TEST=	1
INDE	11	58	45	FOBS=	42.4	SIGMA=	5.3	PHAS=	-17.6	FOM=	0.75	TEST=	0
INDE	11	58	47	FOBS=	0.0	SIGMA=	28.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	58	49	FOBS=	22.5	SIGMA=	20.7	PHAS=	-39.6	FOM=	0.25	TEST=	0
INDE	11	59	12	FOBS=	235.3	SIGMA=	1.3	PHAS=	-81.4	FOM=	0.96	TEST=	0
INDE	11	59	14	FOBS=	62.3	SIGMA=	2.7	PHAS=	39.3	FOM=	0.83	TEST=	0
INDE	11	59	16	FOBS=	38.8	SIGMA=	4.8	PHAS=	-159.9	FOM=	0.59	TEST=	0
INDE	11	59	18	FOBS=	86.9	SIGMA=	2.3	PHAS=	-134.3	FOM=	0.78	TEST=	0
INDE	11	59	20	FOBS=	60.5	SIGMA=	3.1	PHAS=	-37.5	FOM=	0.83	TEST=	0
INDE	11	59	22	FOBS=	47.8	SIGMA=	4.0	PHAS=	-40.7	FOM=	0.80	TEST=	0
INDE	11	59	24	FOBS=	62.0	SIGMA=	3.1	PHAS=	112.8	FOM=	0.72	TEST=	0
INDE	11	59	26	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	59	28	FOBS=	30.9	SIGMA=	7.6	PHAS=	41.7	FOM=	0.30	TEST=	0
INDE	11	59	30	FOBS=	60.4	SIGMA=	3.9	PHAS=	-13.5	FOM=	0.71	TEST=	0
INDE	11	59	32	FOBS=	26.2	SIGMA=	10.5	PHAS=	118.3	FOM=	0.33	TEST=	0
INDE	11	59	34	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	59	36	FOBS=	36.8	SIGMA=	6.7	PHAS=	-60.9	FOM=	0.31	TEST=	0
INDE	11	59	38	FOBS=	35.0	SIGMA=	7.1	PHAS=	-169.1	FOM=	0.67	TEST=	0
INDE	11	59	40	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	59	42	FOBS=	85.8	SIGMA=	2.5	PHAS=	165.8	FOM=	0.93	TEST=	0
INDE	11	59	44	FOBS=	23.9	SIGMA=	8.1	PHAS=	162.8	FOM=	0.17	TEST=	0
INDE	11	59	46	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	59	48	FOBS=	34.5	SIGMA=	10.1	PHAS=	-177.0	FOM=	0.20	TEST=	0
INDE	11	60	11	FOBS=	55.5	SIGMA=	3.2	PHAS=	-139.5	FOM=	0.82	TEST=	0
INDE	11	60	13	FOBS=	36.0	SIGMA=	6.9	PHAS=	-77.4	FOM=	0.39	TEST=	0
INDE	11	60	15	FOBS=	49.2	SIGMA=	3.5	PHAS=	126.5	FOM=	0.18	TEST=	0
INDE	11	60	17	FOBS=	20.5	SIGMA=	11.1	PHAS=	90.6	FOM=	0.55	TEST=	0
INDE	11	60	19	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	60	21	FOBS=	115.2	SIGMA=	1.8	PHAS=	166.4	FOM=	0.90	TEST=	0
INDE	11	60	23	FOBS=	63.2	SIGMA=	3.6	PHAS=	77.5	FOM=	0.70	TEST=	1
INDE	11	60	25	FOBS=	29.1	SIGMA=	9.2	PHAS=	97.2	FOM=	0.52	TEST=	0

INDE 11 60 27 FOBS= 104.8 SIGMA= 2.3 PHAS= 91.9 FOM= 0.90 TEST= 0
INDE 11 60 29 FOBS= 69.7 SIGMA= 3.4 PHAS= -166.0 FOM= 0.52 TEST= 0
INDE 11 60 31 FOBS= 70.8 SIGMA= 3.4 PHAS= 156.7 FOM= 0.69 TEST= 0
INDE 11 60 33 FOBS= 24.7 SIGMA= 11.4 PHAS= -85.9 FOM= 0.07 TEST= 1
INDE 11 60 35 FOBS= 20.5 SIGMA= 11.8 PHAS= -1.4 FOM= 0.27 TEST= 0
INDE 11 60 37 FOBS= 80.1 SIGMA= 3.2 PHAS= 113.6 FOM= 0.87 TEST= 0
INDE 11 60 39 FOBS= 0.0 SIGMA= 22.3 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 11 60 41 FOBS= 80.0 SIGMA= 2.7 PHAS= 25.2 FOM= 0.89 TEST= 0
INDE 11 60 43 FOBS= 64.4 SIGMA= 3.4 PHAS= 68.7 FOM= 0.90 TEST= 0
INDE 11 60 45 FOBS= 0.0 SIGMA= 24.0 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 11 60 47 FOBS= 57.5 SIGMA= 4.6 PHAS= 46.0 FOM= 0.07 TEST= 0
INDE 11 61 12 FOBS= 67.2 SIGMA= 3.8 PHAS= -23.5 FOM= 0.59 TEST= 0
INDE 11 61 14 FOBS= 73.1 SIGMA= 3.5 PHAS= -102.5 FOM= 0.41 TEST= 0
INDE 11 61 16 FOBS= 89.1 SIGMA= 2.1 PHAS= -84.8 FOM= 0.84 TEST= 0
INDE 11 61 18 FOBS= 0.0 SIGMA= 20.4 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 11 61 20 FOBS= 47.5 SIGMA= 5.9 PHAS= 52.9 FOM= 0.65 TEST= 0
INDE 11 61 22 FOBS= 0.0 SIGMA= 20.1 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 11 61 24 FOBS= 156.7 SIGMA= 1.6 PHAS= 28.7 FOM= 0.95 TEST= 0
INDE 11 61 26 FOBS= 68.1 SIGMA= 3.5 PHAS= -7.4 FOM= 0.90 TEST= 0
INDE 11 61 28 FOBS= 41.5 SIGMA= 5.7 PHAS= 99.3 FOM= 0.45 TEST= 0
INDE 11 61 30 FOBS= 112.1 SIGMA= 2.2 PHAS= 25.4 FOM= 0.92 TEST= 0
INDE 11 61 32 FOBS= 0.0 SIGMA= 21.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 11 61 34 FOBS= 41.2 SIGMA= 5.9 PHAS= -99.0 FOM= 0.35 TEST= 0
INDE 11 61 36 FOBS= 64.3 SIGMA= 4.5 PHAS= -119.1 FOM= 0.07 TEST= 1
INDE 11 61 38 FOBS= 39.2 SIGMA= 7.3 PHAS= 64.7 FOM= 0.76 TEST= 0
INDE 11 61 40 FOBS= 55.8 SIGMA= 5.5 PHAS= -97.1 FOM= 0.85 TEST= 0
INDE 11 61 42 FOBS= 35.9 SIGMA= 6.6 PHAS= -90.6 FOM= 0.50 TEST= 0
INDE 11 61 44 FOBS= 72.7 SIGMA= 3.8 PHAS= 11.3 FOM= 0.77 TEST= 0
INDE 11 61 46 FOBS= 0.0 SIGMA= 24.3 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 11 62 11 FOBS= 48.9 SIGMA= 3.3 PHAS= -145.0 FOM= 0.84 TEST= 0
INDE 11 62 13 FOBS= 0.0 SIGMA= 22.1 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 11 62 15 FOBS= 19.6 SIGMA= 17.4 PHAS= 134.9 FOM= 0.15 TEST= 0
INDE 11 62 17 FOBS= 91.6 SIGMA= 2.4 PHAS= 57.0 FOM= 0.86 TEST= 0
INDE 11 62 19 FOBS= 68.0 SIGMA= 3.6 PHAS= -74.9 FOM= 0.90 TEST= 0
INDE 11 62 21 FOBS= 116.9 SIGMA= 3.0 PHAS= -79.1 FOM= 0.90 TEST= 0
INDE 11 62 23 FOBS= 52.8 SIGMA= 5.0 PHAS= -64.9 FOM= 0.72 TEST= 0
INDE 11 62 25 FOBS= 8.3 SIGMA= 32.5 PHAS= -122.9 FOM= 0.36 TEST= 0
INDE 11 62 27 FOBS= 0.0 SIGMA= 25.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 11 62 29 FOBS= 4.6 SIGMA= 60.2 PHAS= 96.5 FOM= 0.21 TEST= 0
INDE 11 62 31 FOBS= 51.6 SIGMA= 5.4 PHAS= -51.3 FOM= 0.56 TEST= 0
INDE 11 62 33 FOBS= 0.0 SIGMA= 23.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 11 62 35 FOBS= 102.6 SIGMA= 2.8 PHAS= -169.6 FOM= 0.91 TEST= 0
INDE 11 62 37 FOBS= 50.4 SIGMA= 5.7 PHAS= 115.2 FOM= 0.56 TEST= 0
INDE 11 62 39 FOBS= 6.3 SIGMA= 45.6 PHAS= -50.5 FOM= 0.08 TEST= 0
INDE 11 62 41 FOBS= 46.6 SIGMA= 5.1 PHAS= 133.7 FOM= 0.70 TEST= 0
INDE 11 62 43 FOBS= 48.1 SIGMA= 6.2 PHAS= -142.3 FOM= 0.09 TEST= 1
INDE 11 62 45 FOBS= 46.9 SIGMA= 7.2 PHAS= -127.3 FOM= 0.78 TEST= 0
INDE 11 63 12 FOBS= 24.0 SIGMA= 8.2 PHAS= 31.6 FOM= 0.42 TEST= 0
INDE 11 63 14 FOBS= 56.4 SIGMA= 6.1 PHAS= 102.3 FOM= 0.71 TEST= 0
INDE 11 63 16 FOBS= 98.5 SIGMA= 2.0 PHAS= -28.4 FOM= 0.89 TEST= 0
INDE 11 63 18 FOBS= 22.6 SIGMA= 15.0 PHAS= 2.7 FOM= 0.31 TEST= 0
INDE 11 63 20 FOBS= 102.8 SIGMA= 2.5 PHAS= 147.7 FOM= 0.94 TEST= 0
INDE 11 63 22 FOBS= 121.4 SIGMA= 2.3 PHAS= -145.7 FOM= 0.96 TEST= 0
INDE 11 63 24 FOBS= 36.2 SIGMA= 7.3 PHAS= 96.2 FOM= 0.51 TEST= 0
INDE 11 63 26 FOBS= 35.4 SIGMA= 7.6 PHAS= -147.0 FOM= 0.30 TEST= 0
INDE 11 63 28 FOBS= 0.0 SIGMA= 25.6 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 11 63 30 FOBS= 56.6 SIGMA= 5.0 PHAS= -174.9 FOM= 0.60 TEST= 0
INDE 11 63 32 FOBS= 0.0 SIGMA= 26.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 11 63 34 FOBS= 0.0 SIGMA= 23.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 11 63 36 FOBS= 37.9 SIGMA= 8.7 PHAS= 99.4 FOM= 0.55 TEST= 0
INDE 11 63 38 FOBS= 0.0 SIGMA= 24.1 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 11 63 40 FOBS= 57.4 SIGMA= 5.2 PHAS= 65.3 FOM= 0.72 TEST= 0
INDE 11 63 42 FOBS= 53.4 SIGMA= 5.6 PHAS= 33.1 FOM= 0.50 TEST= 0
INDE 11 63 44 FOBS= 46.4 SIGMA= 8.5 PHAS= 160.9 FOM= 0.54 TEST= 0
INDE 11 64 11 FOBS= 57.6 SIGMA= 6.1 PHAS= -35.2 FOM= 0.81 TEST= 1
INDE 11 64 13 FOBS= 36.5 SIGMA= 9.4 PHAS= -36.0 FOM= 0.47 TEST= 0
INDE 11 64 15 FOBS= 107.4 SIGMA= 3.3 PHAS= -40.3 FOM= 0.87 TEST= 0
INDE 11 64 17 FOBS= 0.0 SIGMA= 20.2 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 11 64 19 FOBS= 28.4 SIGMA= 7.8 PHAS= -24.9 FOM= 0.45 TEST= 0
INDE 11 64 21 FOBS= 89.2 SIGMA= 2.9 PHAS= 58.8 FOM= 0.94 TEST= 0

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INDE	11	64	23	FOBS=	89.5	SIGMA=	3.0	PHAS=	148.4	FOM=	0.84	TEST=	0
INDE	11	64	25	FOBS=	71.8	SIGMA=	3.8	PHAS=	17.5	FOM=	0.82	TEST=	0
INDE	11	64	27	FOBS=	69.7	SIGMA=	3.9	PHAS=	-60.5	FOM=	0.82	TEST=	0
INDE	11	64	29	FOBS=	105.4	SIGMA=	2.8	PHAS=	118.6	FOM=	0.91	TEST=	0
INDE	11	64	31	FOBS=	28.4	SIGMA=	9.8	PHAS=	7.9	FOM=	0.10	TEST=	0
INDE	11	64	33	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	64	35	FOBS=	52.0	SIGMA=	5.5	PHAS=	-106.6	FOM=	0.84	TEST=	0
INDE	11	64	37	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	64	39	FOBS=	54.8	SIGMA=	5.4	PHAS=	-22.5	FOM=	0.85	TEST=	0
INDE	11	64	41	FOBS=	18.6	SIGMA=	20.7	PHAS=	-4.4	FOM=	0.50	TEST=	0
INDE	11	65	12	FOBS=	22.2	SIGMA=	8.5	PHAS=	-67.6	FOM=	0.46	TEST=	0
INDE	11	65	14	FOBS=	53.0	SIGMA=	6.5	PHAS=	163.9	FOM=	0.65	TEST=	0
INDE	11	65	16	FOBS=	19.0	SIGMA=	18.0	PHAS=	150.3	FOM=	0.22	TEST=	0
INDE	11	65	18	FOBS=	118.6	SIGMA=	1.9	PHAS=	-144.1	FOM=	0.38	TEST=	1
INDE	11	65	20	FOBS=	74.7	SIGMA=	3.2	PHAS=	-32.8	FOM=	0.25	TEST=	0
INDE	11	65	22	FOBS=	65.2	SIGMA=	3.9	PHAS=	12.4	FOM=	0.72	TEST=	0
INDE	11	65	24	FOBS=	33.6	SIGMA=	7.7	PHAS=	49.3	FOM=	0.54	TEST=	0
INDE	11	65	26	FOBS=	69.9	SIGMA=	3.8	PHAS=	-140.3	FOM=	0.75	TEST=	0
INDE	11	65	28	FOBS=	33.4	SIGMA=	8.3	PHAS=	112.8	FOM=	0.57	TEST=	0
INDE	11	65	30	FOBS=	61.5	SIGMA=	4.6	PHAS=	-1.0	FOM=	0.76	TEST=	0
INDE	11	65	32	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	65	34	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	65	36	FOBS=	42.8	SIGMA=	6.8	PHAS=	-150.2	FOM=	0.66	TEST=	0
INDE	11	65	38	FOBS=	50.8	SIGMA=	5.9	PHAS=	172.3	FOM=	0.49	TEST=	0
INDE	11	65	40	FOBS=	46.2	SIGMA=	6.6	PHAS=	-120.0	FOM=	0.67	TEST=	0
INDE	11	66	11	FOBS=	86.5	SIGMA=	4.1	PHAS=	-168.7	FOM=	0.80	TEST=	0
INDE	11	66	13	FOBS=	37.9	SIGMA=	9.1	PHAS=	99.2	FOM=	0.70	TEST=	0
INDE	11	66	15	FOBS=	106.2	SIGMA=	3.4	PHAS=	-2.6	FOM=	0.90	TEST=	0
INDE	11	66	17	FOBS=	97.2	SIGMA=	3.7	PHAS=	51.0	FOM=	0.89	TEST=	0
INDE	11	66	19	FOBS=	39.7	SIGMA=	5.4	PHAS=	-88.9	FOM=	0.15	TEST=	1
INDE	11	66	21	FOBS=	42.5	SIGMA=	5.5	PHAS=	-131.7	FOM=	0.88	TEST=	0
INDE	11	66	23	FOBS=	35.1	SIGMA=	7.2	PHAS=	-7.0	FOM=	0.04	TEST=	1
INDE	11	66	25	FOBS=	47.0	SIGMA=	5.6	PHAS=	-17.8	FOM=	0.17	TEST=	0
INDE	11	66	27	FOBS=	33.5	SIGMA=	9.9	PHAS=	27.0	FOM=	0.56	TEST=	0
INDE	11	66	29	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	66	31	FOBS=	0.0	SIGMA=	26.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	66	33	FOBS=	50.6	SIGMA=	5.7	PHAS=	50.8	FOM=	0.47	TEST=	0
INDE	11	66	35	FOBS=	25.3	SIGMA=	13.4	PHAS=	-124.0	FOM=	0.54	TEST=	0
INDE	11	66	37	FOBS=	31.6	SIGMA=	10.9	PHAS=	-3.3	FOM=	0.59	TEST=	0
INDE	11	66	39	FOBS=	51.4	SIGMA=	5.9	PHAS=	68.2	FOM=	0.58	TEST=	0
INDE	11	67	12	FOBS=	60.6	SIGMA=	8.4	PHAS=	-48.2	FOM=	0.78	TEST=	0
INDE	11	67	14	FOBS=	50.3	SIGMA=	6.8	PHAS=	-99.4	FOM=	0.69	TEST=	0
INDE	11	67	16	FOBS=	31.8	SIGMA=	10.8	PHAS=	-72.6	FOM=	0.32	TEST=	1
INDE	11	67	18	FOBS=	71.4	SIGMA=	2.8	PHAS=	162.1	FOM=	0.82	TEST=	0
INDE	11	67	20	FOBS=	60.2	SIGMA=	3.7	PHAS=	153.4	FOM=	0.79	TEST=	0
INDE	11	67	22	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	11	67	24	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	67	26	FOBS=	17.7	SIGMA=	15.1	PHAS=	101.2	FOM=	0.14	TEST=	0
INDE	11	67	28	FOBS=	42.2	SIGMA=	6.5	PHAS=	-156.1	FOM=	0.74	TEST=	0
INDE	11	67	30	FOBS=	62.3	SIGMA=	4.6	PHAS=	101.3	FOM=	0.64	TEST=	0
INDE	11	67	32	FOBS=	52.4	SIGMA=	5.6	PHAS=	-102.2	FOM=	0.47	TEST=	0
INDE	11	67	34	FOBS=	24.2	SIGMA=	15.1	PHAS=	100.3	FOM=	0.19	TEST=	0
INDE	11	67	36	FOBS=	43.3	SIGMA=	6.9	PHAS=	-146.9	FOM=	0.71	TEST=	0
INDE	11	68	13	FOBS=	122.8	SIGMA=	2.0	PHAS=	143.3	FOM=	0.88	TEST=	0
INDE	11	68	15	FOBS=	49.0	SIGMA=	10.1	PHAS=	1.3	FOM=	0.34	TEST=	0
INDE	11	68	17	FOBS=	67.8	SIGMA=	7.2	PHAS=	70.0	FOM=	0.76	TEST=	0
INDE	11	68	19	FOBS=	96.6	SIGMA=	2.2	PHAS=	33.7	FOM=	0.93	TEST=	0
INDE	11	68	21	FOBS=	53.8	SIGMA=	4.3	PHAS=	-153.3	FOM=	0.87	TEST=	0
INDE	11	68	23	FOBS=	63.6	SIGMA=	3.8	PHAS=	81.8	FOM=	0.88	TEST=	0
INDE	11	68	25	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	68	27	FOBS=	63.9	SIGMA=	4.4	PHAS=	76.5	FOM=	0.82	TEST=	0
INDE	11	68	29	FOBS=	100.1	SIGMA=	2.9	PHAS=	32.6	FOM=	0.91	TEST=	0
INDE	11	68	31	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	68	33	FOBS=	0.0	SIGMA=	27.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	68	35	FOBS=	0.0	SIGMA=	27.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	69	20	FOBS=	27.7	SIGMA=	9.0	PHAS=	170.9	FOM=	0.50	TEST=	0
INDE	11	69	22	FOBS=	50.8	SIGMA=	5.3	PHAS=	38.7	FOM=	0.79	TEST=	0
INDE	11	69	24	FOBS=	30.0	SIGMA=	11.4	PHAS=	52.6	FOM=	0.65	TEST=	0
INDE	11	69	26	FOBS=	17.1	SIGMA=	14.9	PHAS=	79.5	FOM=	0.38	TEST=	0
INDE	11	69	28	FOBS=	69.3	SIGMA=	4.1	PHAS=	-98.1	FOM=	0.88	TEST=	0

FIG. 12A - 300

INDE	11	69	30	FOBS=	61.6	SIGMA=	4.7	PHAS=	-161.4	FOM=	0.68	TEST=	0
INDE	11	69	32	FOBS=	32.1	SIGMA=	9.2	PHAS=	-178.7	FOM=	0.36	TEST=	0
INDE	11	69	34	FOBS=	0.0	SIGMA=	31.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	70	21	FOBS=	0.0	SIGMA=	24.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	70	23	FOBS=	13.0	SIGMA=	25.7	PHAS=	-136.0	FOM=	0.09	TEST=	0
INDE	11	70	25	FOBS=	110.9	SIGMA=	2.8	PHAS=	-2.0	FOM=	0.93	TEST=	0
INDE	11	70	27	FOBS=	28.2	SIGMA=	11.8	PHAS=	-162.8	FOM=	0.55	TEST=	0
INDE	11	70	29	FOBS=	73.6	SIGMA=	3.9	PHAS=	123.2	FOM=	0.88	TEST=	0
INDE	11	70	31	FOBS=	36.3	SIGMA=	10.1	PHAS=	-10.9	FOM=	0.64	TEST=	0
INDE	11	71	14	FOBS=	22.3	SIGMA=	10.6	PHAS=	-108.4	FOM=	0.26	TEST=	0
INDE	11	71	20	FOBS=	5.2	SIGMA=	47.6	PHAS=	-41.0	FOM=	0.02	TEST=	0
INDE	11	71	22	FOBS=	53.9	SIGMA=	6.0	PHAS=	176.7	FOM=	0.73	TEST=	0
INDE	11	71	24	FOBS=	51.7	SIGMA=	6.8	PHAS=	-27.5	FOM=	0.65	TEST=	0
INDE	11	71	28	FOBS=	50.4	SIGMA=	6.4	PHAS=	108.8	FOM=	0.15	TEST=	1
INDE	11	72	15	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	72	21	FOBS=	41.9	SIGMA=	6.4	PHAS=	-17.9	FOM=	0.41	TEST=	0
INDE	11	72	23	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	11	72	25	FOBS=	80.7	SIGMA=	4.6	PHAS=	-29.3	FOM=	0.24	TEST=	1
INDE	11	72	27	FOBS=	105.6	SIGMA=	3.0	PHAS=	-108.6	FOM=	0.86	TEST=	0
INDE	11	73	22	FOBS=	41.7	SIGMA=	7.0	PHAS=	-128.9	FOM=	0.39	TEST=	0
INDE	11	73	24	FOBS=	27.6	SIGMA=	12.5	PHAS=	42.2	FOM=	0.35	TEST=	0
INDE	11	74	15	FOBS=	36.6	SIGMA=	6.1	PHAS=	152.8	FOM=	0.31	TEST=	0
INDE	11	75	16	FOBS=	69.9	SIGMA=	3.9	PHAS=	56.7	FOM=	0.56	TEST=	0
INDE	12	12	12	FOBS=	276.2	SIGMA=	0.8	PHAS=	-125.1	FOM=	0.99	TEST=	0
INDE	12	13	13	FOBS=	154.4	SIGMA=	0.6	PHAS=	167.8	FOM=	0.96	TEST=	0
INDE	12	13	15	FOBS=	41.0	SIGMA=	1.4	PHAS=	88.3	FOM=	0.92	TEST=	0
INDE	12	13	17	FOBS=	112.5	SIGMA=	0.6	PHAS=	-156.8	FOM=	0.95	TEST=	0
INDE	12	13	19	FOBS=	93.2	SIGMA=	0.8	PHAS=	-89.8	FOM=	0.89	TEST=	0
INDE	12	13	21	FOBS=	181.2	SIGMA=	0.5	PHAS=	-41.3	FOM=	0.90	TEST=	0
INDE	12	13	23	FOBS=	168.6	SIGMA=	0.5	PHAS=	10.7	FOM=	0.97	TEST=	0
INDE	12	13	25	FOBS=	25.0	SIGMA=	2.9	PHAS=	153.8	FOM=	0.46	TEST=	0
INDE	12	13	27	FOBS=	140.7	SIGMA=	0.6	PHAS=	-71.5	FOM=	0.92	TEST=	0
INDE	12	13	29	FOBS=	103.0	SIGMA=	0.8	PHAS=	-72.1	FOM=	0.93	TEST=	0
INDE	12	13	31	FOBS=	15.9	SIGMA=	5.8	PHAS=	120.2	FOM=	0.88	TEST=	0
INDE	12	13	33	FOBS=	88.4	SIGMA=	1.1	PHAS=	160.7	FOM=	0.89	TEST=	0
INDE	12	13	35	FOBS=	52.9	SIGMA=	2.0	PHAS=	96.6	FOM=	0.95	TEST=	0
INDE	12	13	37	FOBS=	295.0	SIGMA=	0.6	PHAS=	-8.1	FOM=	0.93	TEST=	0
INDE	12	13	39	FOBS=	238.2	SIGMA=	0.7	PHAS=	9.4	FOM=	0.90	TEST=	0
INDE	12	13	41	FOBS=	128.7	SIGMA=	1.5	PHAS=	-37.5	FOM=	0.96	TEST=	0
INDE	12	13	43	FOBS=	117.4	SIGMA=	1.8	PHAS=	17.9	FOM=	0.91	TEST=	0
INDE	12	13	45	FOBS=	196.9	SIGMA=	1.2	PHAS=	-169.2	FOM=	0.91	TEST=	0
INDE	12	13	47	FOBS=	103.7	SIGMA=	2.1	PHAS=	-99.5	FOM=	0.90	TEST=	1
INDE	12	13	49	FOBS=	59.8	SIGMA=	4.4	PHAS=	64.3	FOM=	0.10	TEST=	1
INDE	12	13	51	FOBS=	69.1	SIGMA=	3.9	PHAS=	-20.3	FOM=	0.85	TEST=	0
INDE	12	13	53	FOBS=	35.1	SIGMA=	4.2	PHAS=	83.7	FOM=	0.35	TEST=	0
INDE	12	13	55	FOBS=	188.1	SIGMA=	1.0	PHAS=	-52.8	FOM=	0.96	TEST=	0
INDE	12	13	57	FOBS=	50.7	SIGMA=	3.2	PHAS=	158.0	FOM=	0.59	TEST=	0
INDE	12	13	59	FOBS=	89.9	SIGMA=	2.2	PHAS=	-97.2	FOM=	0.94	TEST=	0
INDE	12	13	61	FOBS=	172.6	SIGMA=	1.6	PHAS=	-16.6	FOM=	0.97	TEST=	0
INDE	12	13	63	FOBS=	62.9	SIGMA=	3.2	PHAS=	-44.9	FOM=	0.69	TEST=	0
INDE	12	13	65	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	13	67	FOBS=	86.7	SIGMA=	5.9	PHAS=	-85.3	FOM=	0.20	TEST=	1
INDE	12	14	12	FOBS=	226.2	SIGMA=	0.4	PHAS=	-44.1	FOM=	0.74	TEST=	0
INDE	12	14	14	FOBS=	131.1	SIGMA=	0.8	PHAS=	114.5	FOM=	0.80	TEST=	0
INDE	12	14	16	FOBS=	148.7	SIGMA=	0.5	PHAS=	123.0	FOM=	0.98	TEST=	0
INDE	12	14	18	FOBS=	115.9	SIGMA=	0.7	PHAS=	175.5	FOM=	0.98	TEST=	0
INDE	12	14	20	FOBS=	165.9	SIGMA=	0.5	PHAS=	108.5	FOM=	0.93	TEST=	0
INDE	12	14	22	FOBS=	102.3	SIGMA=	0.7	PHAS=	-103.1	FOM=	0.91	TEST=	1
INDE	12	14	24	FOBS=	200.9	SIGMA=	0.5	PHAS=	-142.1	FOM=	0.96	TEST=	0
INDE	12	14	26	FOBS=	118.8	SIGMA=	0.7	PHAS=	-175.7	FOM=	0.91	TEST=	0
INDE	12	14	28	FOBS=	84.4	SIGMA=	1.0	PHAS=	136.7	FOM=	0.96	TEST=	0
INDE	12	14	30	FOBS=	42.7	SIGMA=	1.9	PHAS=	147.3	FOM=	0.86	TEST=	0
INDE	12	14	32	FOBS=	24.3	SIGMA=	3.6	PHAS=	-12.8	FOM=	0.86	TEST=	0
INDE	12	14	34	FOBS=	302.6	SIGMA=	0.5	PHAS=	23.0	FOM=	0.98	TEST=	0
INDE	12	14	36	FOBS=	224.7	SIGMA=	0.6	PHAS=	173.3	FOM=	0.95	TEST=	0
INDE	12	14	38	FOBS=	0.0	SIGMA=	16.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	14	40	FOBS=	270.3	SIGMA=	1.1	PHAS=	-30.8	FOM=	0.95	TEST=	0
INDE	12	14	42	FOBS=	130.9	SIGMA=	1.6	PHAS=	-178.9	FOM=	0.93	TEST=	0
INDE	12	14	44	FOBS=	118.5	SIGMA=	1.8	PHAS=	70.8	FOM=	0.96	TEST=	0
INDE	12	14	46	FOBS=	43.0	SIGMA=	4.6	PHAS=	122.4	FOM=	0.15	TEST=	0

FIG. 12A - 301

INDE	12	14	48	FOBS=	141.1	SIGMA=	1.2	PHAS=	-101.0	FOM=	0.89	TEST=	0
INDE	12	14	50	FOBS=	65.8	SIGMA=	2.4	PHAS=	-69.6	FOM=	0.44	TEST=	0
INDE	12	14	52	FOBS=	141.9	SIGMA=	1.1	PHAS=	54.4	FOM=	0.70	TEST=	0
INDE	12	14	54	FOBS=	27.2	SIGMA=	6.2	PHAS=	-41.0	FOM=	0.50	TEST=	0
INDE	12	14	56	FOBS=	124.5	SIGMA=	1.4	PHAS=	-173.2	FOM=	0.91	TEST=	0
INDE	12	14	58	FOBS=	69.7	SIGMA=	3.8	PHAS=	-171.0	FOM=	0.89	TEST=	1
INDE	12	14	60	FOBS=	138.5	SIGMA=	1.5	PHAS=	155.6	FOM=	0.92	TEST=	0
INDE	12	14	62	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	14	64	FOBS=	56.5	SIGMA=	6.2	PHAS=	21.2	FOM=	0.38	TEST=	1
INDE	12	14	66	FOBS=	29.1	SIGMA=	11.9	PHAS=	147.2	FOM=	0.55	TEST=	0
INDE	12	15	13	FOBS=	152.3	SIGMA=	0.6	PHAS=	-109.6	FOM=	0.92	TEST=	0
INDE	12	15	15	FOBS=	183.0	SIGMA=	0.5	PHAS=	64.1	FOM=	0.95	TEST=	0
INDE	12	15	17	FOBS=	169.8	SIGMA=	0.4	PHAS=	112.5	FOM=	0.97	TEST=	0
INDE	12	15	19	FOBS=	75.2	SIGMA=	0.9	PHAS=	-22.1	FOM=	0.92	TEST=	0
INDE	12	15	21	FOBS=	157.6	SIGMA=	0.5	PHAS=	-54.5	FOM=	0.99	TEST=	0
INDE	12	15	23	FOBS=	135.3	SIGMA=	0.6	PHAS=	89.1	FOM=	0.99	TEST=	0
INDE	12	15	25	FOBS=	127.8	SIGMA=	0.6	PHAS=	83.5	FOM=	0.96	TEST=	0
INDE	12	15	27	FOBS=	62.2	SIGMA=	1.2	PHAS=	-4.7	FOM=	0.87	TEST=	0
INDE	12	15	29	FOBS=	64.9	SIGMA=	1.2	PHAS=	48.8	FOM=	0.96	TEST=	0
INDE	12	15	31	FOBS=	112.7	SIGMA=	0.8	PHAS=	35.3	FOM=	0.96	TEST=	0
INDE	12	15	33	FOBS=	84.7	SIGMA=	1.1	PHAS=	-160.5	FOM=	0.99	TEST=	0
INDE	12	15	35	FOBS=	94.4	SIGMA=	1.1	PHAS=	16.2	FOM=	0.73	TEST=	0
INDE	12	15	37	FOBS=	267.7	SIGMA=	0.6	PHAS=	73.1	FOM=	0.97	TEST=	1
INDE	12	15	39	FOBS=	80.2	SIGMA=	1.6	PHAS=	150.0	FOM=	0.96	TEST=	0
INDE	12	15	41	FOBS=	156.4	SIGMA=	1.1	PHAS=	-88.0	FOM=	0.93	TEST=	0
INDE	12	15	43	FOBS=	84.8	SIGMA=	1.9	PHAS=	74.6	FOM=	0.83	TEST=	0
INDE	12	15	45	FOBS=	85.5	SIGMA=	2.0	PHAS=	13.7	FOM=	0.94	TEST=	0
INDE	12	15	47	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	15	49	FOBS=	142.7	SIGMA=	1.2	PHAS=	87.7	FOM=	0.91	TEST=	0
INDE	12	15	51	FOBS=	211.6	SIGMA=	0.8	PHAS=	12.5	FOM=	0.96	TEST=	0
INDE	12	15	53	FOBS=	46.9	SIGMA=	3.3	PHAS=	48.8	FOM=	0.06	TEST=	0
INDE	12	15	55	FOBS=	49.6	SIGMA=	3.0	PHAS=	-54.2	FOM=	0.70	TEST=	1
INDE	12	15	57	FOBS=	79.8	SIGMA=	2.3	PHAS=	-143.6	FOM=	0.13	TEST=	1
INDE	12	15	59	FOBS=	124.3	SIGMA=	1.6	PHAS=	25.6	FOM=	0.94	TEST=	0
INDE	12	15	61	FOBS=	109.4	SIGMA=	1.9	PHAS=	-27.5	FOM=	0.95	TEST=	0
INDE	12	15	63	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	15	65	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	16	12	FOBS=	99.3	SIGMA=	0.7	PHAS=	6.8	FOM=	0.63	TEST=	0
INDE	12	16	14	FOBS=	101.9	SIGMA=	0.7	PHAS=	-152.7	FOM=	0.78	TEST=	0
INDE	12	16	16	FOBS=	169.8	SIGMA=	0.5	PHAS=	-14.0	FOM=	0.98	TEST=	0
INDE	12	16	18	FOBS=	89.8	SIGMA=	0.7	PHAS=	40.6	FOM=	0.99	TEST=	0
INDE	12	16	20	FOBS=	153.4	SIGMA=	0.5	PHAS=	-159.6	FOM=	0.96	TEST=	0
INDE	12	16	22	FOBS=	100.9	SIGMA=	0.7	PHAS=	29.0	FOM=	0.81	TEST=	0
INDE	12	16	24	FOBS=	115.2	SIGMA=	0.7	PHAS=	-133.9	FOM=	0.98	TEST=	0
INDE	12	16	26	FOBS=	127.9	SIGMA=	0.6	PHAS=	-80.5	FOM=	0.92	TEST=	0
INDE	12	16	28	FOBS=	280.9	SIGMA=	0.4	PHAS=	95.5	FOM=	0.92	TEST=	0
INDE	12	16	30	FOBS=	163.5	SIGMA=	0.6	PHAS=	-82.3	FOM=	0.64	TEST=	0
INDE	12	16	32	FOBS=	108.3	SIGMA=	0.8	PHAS=	171.9	FOM=	0.99	TEST=	0
INDE	12	16	34	FOBS=	199.2	SIGMA=	0.5	PHAS=	90.1	FOM=	0.62	TEST=	0
INDE	12	16	36	FOBS=	105.9	SIGMA=	1.0	PHAS=	-29.1	FOM=	0.88	TEST=	0
INDE	12	16	38	FOBS=	390.6	SIGMA=	0.7	PHAS=	-10.7	FOM=	0.99	TEST=	0
INDE	12	16	40	FOBS=	0.0	SIGMA=	16.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	16	42	FOBS=	200.1	SIGMA=	0.8	PHAS=	135.7	FOM=	0.97	TEST=	0
INDE	12	16	44	FOBS=	232.0	SIGMA=	0.8	PHAS=	-99.9	FOM=	0.97	TEST=	0
INDE	12	16	46	FOBS=	184.1	SIGMA=	1.1	PHAS=	-115.0	FOM=	0.95	TEST=	0
INDE	12	16	48	FOBS=	52.1	SIGMA=	3.1	PHAS=	87.0	FOM=	0.41	TEST=	0
INDE	12	16	50	FOBS=	231.5	SIGMA=	0.8	PHAS=	-50.9	FOM=	0.96	TEST=	0
INDE	12	16	52	FOBS=	70.9	SIGMA=	2.2	PHAS=	122.9	FOM=	0.70	TEST=	0
INDE	12	16	54	FOBS=	110.9	SIGMA=	1.4	PHAS=	-60.4	FOM=	0.44	TEST=	1
INDE	12	16	56	FOBS=	65.7	SIGMA=	2.3	PHAS=	-88.1	FOM=	0.07	TEST=	1
INDE	12	16	58	FOBS=	110.5	SIGMA=	1.5	PHAS=	-108.7	FOM=	0.83	TEST=	0
INDE	12	16	60	FOBS=	211.1	SIGMA=	1.0	PHAS=	-93.5	FOM=	0.98	TEST=	0
INDE	12	16	62	FOBS=	64.1	SIGMA=	5.4	PHAS=	175.5	FOM=	0.82	TEST=	0
INDE	12	16	64	FOBS=	15.4	SIGMA=	22.2	PHAS=	-141.8	FOM=	0.07	TEST=	0
INDE	12	16	66	FOBS=	53.4	SIGMA=	9.4	PHAS=	-129.6	FOM=	0.48	TEST=	0
INDE	12	17	13	FOBS=	81.3	SIGMA=	0.8	PHAS=	168.9	FOM=	0.54	TEST=	0
INDE	12	17	15	FOBS=	92.1	SIGMA=	0.9	PHAS=	-143.7	FOM=	0.96	TEST=	0
INDE	12	17	17	FOBS=	94.8	SIGMA=	0.8	PHAS=	40.2	FOM=	0.94	TEST=	0
INDE	12	17	19	FOBS=	67.1	SIGMA=	1.0	PHAS=	-46.1	FOM=	0.98	TEST=	0
INDE	12	17	21	FOBS=	145.2	SIGMA=	0.6	PHAS=	-86.4	FOM=	0.99	TEST=	0

FIG. 12A - 302

INDE	12	17	23	FOBS=	77.2	SIGMA=	1.0	PHAS=	-40.0	FOM=	0.95	TEST=	0
INDE	12	17	25	FOBS=	77.2	SIGMA=	1.0	PHAS=	-88.2	FOM=	0.95	TEST=	1
INDE	12	17	27	FOBS=	128.5	SIGMA=	0.6	PHAS=	-18.2	FOM=	0.89	TEST=	0
INDE	12	17	29	FOBS=	115.0	SIGMA=	0.7	PHAS=	-32.1	FOM=	0.84	TEST=	0
INDE	12	17	31	FOBS=	235.7	SIGMA=	0.5	PHAS=	80.2	FOM=	0.97	TEST=	0
INDE	12	17	33	FOBS=	237.0	SIGMA=	0.5	PHAS=	69.2	FOM=	0.94	TEST=	0
INDE	12	17	35	FOBS=	0.0	SIGMA=	14.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	17	37	FOBS=	252.6	SIGMA=	0.6	PHAS=	-152.5	FOM=	0.92	TEST=	0
INDE	12	17	39	FOBS=	173.8	SIGMA=	0.8	PHAS=	-119.0	FOM=	0.92	TEST=	0
INDE	12	17	41	FOBS=	88.9	SIGMA=	1.6	PHAS=	44.4	FOM=	0.80	TEST=	0
INDE	12	17	43	FOBS=	297.0	SIGMA=	0.7	PHAS=	123.6	FOM=	0.97	TEST=	0
INDE	12	17	45	FOBS=	187.2	SIGMA=	1.0	PHAS=	108.8	FOM=	0.96	TEST=	0
INDE	12	17	47	FOBS=	87.7	SIGMA=	1.9	PHAS=	24.3	FOM=	0.78	TEST=	0
INDE	12	17	49	FOBS=	13.5	SIGMA=	11.9	PHAS=	11.2	FOM=	0.47	TEST=	0
INDE	12	17	51	FOBS=	37.0	SIGMA=	4.2	PHAS=	-162.0	FOM=	0.50	TEST=	0
INDE	12	17	53	FOBS=	73.1	SIGMA=	2.1	PHAS=	61.5	FOM=	0.40	TEST=	0
INDE	12	17	55	FOBS=	71.7	SIGMA=	2.1	PHAS=	-1.3	FOM=	0.53	TEST=	0
INDE	12	17	57	FOBS=	63.3	SIGMA=	2.7	PHAS=	-5.0	FOM=	0.64	TEST=	0
INDE	12	17	59	FOBS=	107.1	SIGMA=	1.6	PHAS=	126.9	FOM=	0.92	TEST=	0
INDE	12	17	61	FOBS=	135.6	SIGMA=	1.9	PHAS=	-160.0	FOM=	0.94	TEST=	0
INDE	12	17	63	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	17	65	FOBS=	64.2	SIGMA=	5.5	PHAS=	172.1	FOM=	0.68	TEST=	0
INDE	12	18	12	FOBS=	205.9	SIGMA=	0.5	PHAS=	122.2	FOM=	0.92	TEST=	0
INDE	12	18	14	FOBS=	125.3	SIGMA=	0.6	PHAS=	-134.1	FOM=	0.98	TEST=	0
INDE	12	18	16	FOBS=	198.6	SIGMA=	0.5	PHAS=	-64.7	FOM=	0.97	TEST=	0
INDE	12	18	18	FOBS=	100.6	SIGMA=	0.8	PHAS=	-148.2	FOM=	0.93	TEST=	0
INDE	12	18	20	FOBS=	227.3	SIGMA=	0.5	PHAS=	-128.7	FOM=	0.98	TEST=	0
INDE	12	18	22	FOBS=	143.2	SIGMA=	0.6	PHAS=	-82.0	FOM=	0.96	TEST=	0
INDE	12	18	24	FOBS=	210.9	SIGMA=	0.5	PHAS=	-140.5	FOM=	0.93	TEST=	0
INDE	12	18	26	FOBS=	25.6	SIGMA=	3.1	PHAS=	59.0	FOM=	0.53	TEST=	0
INDE	12	18	28	FOBS=	124.7	SIGMA=	0.7	PHAS=	102.1	FOM=	0.92	TEST=	0
INDE	12	18	30	FOBS=	197.7	SIGMA=	0.5	PHAS=	-94.9	FOM=	0.95	TEST=	0
INDE	12	18	32	FOBS=	137.3	SIGMA=	0.7	PHAS=	45.5	FOM=	0.99	TEST=	0
INDE	12	18	34	FOBS=	221.0	SIGMA=	0.6	PHAS=	48.3	FOM=	0.94	TEST=	0
INDE	12	18	36	FOBS=	93.2	SIGMA=	1.2	PHAS=	100.0	FOM=	0.85	TEST=	0
INDE	12	18	38	FOBS=	168.9	SIGMA=	0.8	PHAS=	-44.5	FOM=	0.91	TEST=	1
INDE	12	18	40	FOBS=	282.0	SIGMA=	0.6	PHAS=	-179.5	FOM=	0.96	TEST=	0
INDE	12	18	42	FOBS=	47.2	SIGMA=	3.2	PHAS=	-4.9	FOM=	0.65	TEST=	0
INDE	12	18	44	FOBS=	286.0	SIGMA=	0.7	PHAS=	-40.6	FOM=	0.95	TEST=	0
INDE	12	18	46	FOBS=	0.0	SIGMA=	18.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	18	48	FOBS=	156.2	SIGMA=	1.1	PHAS=	161.9	FOM=	0.89	TEST=	0
INDE	12	18	50	FOBS=	143.6	SIGMA=	1.2	PHAS=	-28.0	FOM=	0.82	TEST=	0
INDE	12	18	52	FOBS=	50.2	SIGMA=	3.0	PHAS=	81.1	FOM=	0.56	TEST=	0
INDE	12	18	54	FOBS=	81.1	SIGMA=	1.9	PHAS=	83.1	FOM=	0.79	TEST=	0
INDE	12	18	56	FOBS=	72.4	SIGMA=	2.0	PHAS=	-61.8	FOM=	0.73	TEST=	0
INDE	12	18	58	FOBS=	21.6	SIGMA=	7.6	PHAS=	98.8	FOM=	0.26	TEST=	0
INDE	12	18	60	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	18	62	FOBS=	69.2	SIGMA=	3.5	PHAS=	157.6	FOM=	0.82	TEST=	0
INDE	12	18	64	FOBS=	37.7	SIGMA=	7.4	PHAS=	62.1	FOM=	0.80	TEST=	0
INDE	12	19	13	FOBS=	314.9	SIGMA=	0.5	PHAS=	171.6	FOM=	0.94	TEST=	0
INDE	12	19	15	FOBS=	234.0	SIGMA=	0.5	PHAS=	-138.8	FOM=	0.95	TEST=	0
INDE	12	19	17	FOBS=	142.4	SIGMA=	0.6	PHAS=	106.9	FOM=	0.98	TEST=	0
INDE	12	19	19	FOBS=	154.3	SIGMA=	0.7	PHAS=	138.8	FOM=	0.96	TEST=	0
INDE	12	19	21	FOBS=	326.8	SIGMA=	0.4	PHAS=	157.0	FOM=	0.99	TEST=	0
INDE	12	19	23	FOBS=	123.2	SIGMA=	0.7	PHAS=	-172.2	FOM=	0.96	TEST=	0
INDE	12	19	25	FOBS=	236.7	SIGMA=	0.5	PHAS=	-123.6	FOM=	0.98	TEST=	0
INDE	12	19	27	FOBS=	125.8	SIGMA=	0.7	PHAS=	-63.5	FOM=	0.78	TEST=	0
INDE	12	19	29	FOBS=	80.3	SIGMA=	1.1	PHAS=	35.0	FOM=	0.96	TEST=	0
INDE	12	19	31	FOBS=	236.8	SIGMA=	0.5	PHAS=	98.4	FOM=	0.91	TEST=	0
INDE	12	19	33	FOBS=	104.2	SIGMA=	1.0	PHAS=	-17.8	FOM=	0.92	TEST=	0
INDE	12	19	35	FOBS=	123.2	SIGMA=	0.9	PHAS=	137.2	FOM=	0.72	TEST=	0
INDE	12	19	37	FOBS=	297.3	SIGMA=	0.6	PHAS=	-149.6	FOM=	0.96	TEST=	0
INDE	12	19	39	FOBS=	133.4	SIGMA=	1.0	PHAS=	-128.4	FOM=	0.98	TEST=	0
INDE	12	19	41	FOBS=	284.8	SIGMA=	0.6	PHAS=	94.5	FOM=	0.94	TEST=	0
INDE	12	19	43	FOBS=	180.2	SIGMA=	1.0	PHAS=	174.1	FOM=	0.93	TEST=	0
INDE	12	19	45	FOBS=	0.0	SIGMA=	17.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	19	47	FOBS=	106.5	SIGMA=	1.5	PHAS=	115.1	FOM=	0.89	TEST=	0
INDE	12	19	49	FOBS=	78.0	SIGMA=	2.1	PHAS=	0.0	FOM=	0.75	TEST=	0
INDE	12	19	51	FOBS=	171.4	SIGMA=	1.0	PHAS=	-78.8	FOM=	0.94	TEST=	0
INDE	12	19	53	FOBS=	120.3	SIGMA=	1.3	PHAS=	-3.7	FOM=	0.88	TEST=	0

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INDE	12	19	55	FOBS=	39.2	SIGMA=	4.1	PHAS=	-10.8	FOM=	0.53	TEST=	0
INDE	12	19	57	FOBS=	64.5	SIGMA=	2.6	PHAS=	4.1	FOM=	0.86	TEST=	0
INDE	12	19	59	FOBS=	55.3	SIGMA=	3.7	PHAS=	-42.9	FOM=	0.68	TEST=	0
INDE	12	19	61	FOBS=	72.2	SIGMA=	3.4	PHAS=	-125.6	FOM=	0.83	TEST=	0
INDE	12	19	63	FOBS=	90.2	SIGMA=	2.7	PHAS=	-73.0	FOM=	0.91	TEST=	0
INDE	12	19	65	FOBS=	60.2	SIGMA=	5.8	PHAS=	13.2	FOM=	0.83	TEST=	0
INDE	12	19	67	FOBS=	138.2	SIGMA=	3.7	PHAS=	-51.4	FOM=	0.90	TEST=	0
INDE	12	20	12	FOBS=	242.9	SIGMA=	0.4	PHAS=	64.0	FOM=	0.96	TEST=	0
INDE	12	20	14	FOBS=	142.3	SIGMA=	0.6	PHAS=	9.5	FOM=	0.96	TEST=	0
INDE	12	20	16	FOBS=	16.4	SIGMA=	4.8	PHAS=	171.0	FOM=	0.78	TEST=	0
INDE	12	20	18	FOBS=	87.1	SIGMA=	0.9	PHAS=	-11.2	FOM=	0.99	TEST=	0
INDE	12	20	20	FOBS=	140.1	SIGMA=	0.7	PHAS=	76.3	FOM=	0.96	TEST=	0
INDE	12	20	22	FOBS=	146.9	SIGMA=	0.6	PHAS=	65.8	FOM=	0.56	TEST=	0
INDE	12	20	24	FOBS=	105.6	SIGMA=	0.8	PHAS=	-162.0	FOM=	0.99	TEST=	0
INDE	12	20	26	FOBS=	252.4	SIGMA=	0.5	PHAS=	96.8	FOM=	0.95	TEST=	0
INDE	12	20	28	FOBS=	153.1	SIGMA=	0.6	PHAS=	-73.8	FOM=	0.97	TEST=	0
INDE	12	20	30	FOBS=	295.6	SIGMA=	0.5	PHAS=	-28.9	FOM=	0.98	TEST=	0
INDE	12	20	32	FOBS=	124.9	SIGMA=	0.9	PHAS=	77.9	FOM=	0.98	TEST=	0
INDE	12	20	34	FOBS=	208.3	SIGMA=	0.6	PHAS=	102.5	FOM=	0.75	TEST=	0
INDE	12	20	36	FOBS=	131.5	SIGMA=	1.0	PHAS=	109.8	FOM=	0.81	TEST=	0
INDE	12	20	38	FOBS=	17.1	SIGMA=	8.0	PHAS=	140.6	FOM=	0.05	TEST=	0
INDE	12	20	40	FOBS=	184.8	SIGMA=	0.9	PHAS=	148.3	FOM=	0.96	TEST=	0
INDE	12	20	42	FOBS=	191.4	SIGMA=	0.9	PHAS=	47.7	FOM=	0.90	TEST=	0
INDE	12	20	44	FOBS=	79.4	SIGMA=	1.9	PHAS=	-85.0	FOM=	0.34	TEST=	0
INDE	12	20	46	FOBS=	46.6	SIGMA=	3.3	PHAS=	69.3	FOM=	0.61	TEST=	0
INDE	12	20	48	FOBS=	209.5	SIGMA=	0.8	PHAS=	153.5	FOM=	0.94	TEST=	0
INDE	12	20	50	FOBS=	148.4	SIGMA=	1.1	PHAS=	-145.0	FOM=	0.90	TEST=	0
INDE	12	20	52	FOBS=	57.7	SIGMA=	2.7	PHAS=	-99.2	FOM=	0.40	TEST=	0
INDE	12	20	54	FOBS=	12.9	SIGMA=	13.4	PHAS=	129.8	FOM=	0.22	TEST=	0
INDE	12	20	56	FOBS=	50.1	SIGMA=	3.6	PHAS=	-15.2	FOM=	0.29	TEST=	0
INDE	12	20	58	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	20	60	FOBS=	118.3	SIGMA=	2.1	PHAS=	-168.8	FOM=	0.92	TEST=	0
INDE	12	20	62	FOBS=	110.0	SIGMA=	2.3	PHAS=	178.4	FOM=	0.94	TEST=	0
INDE	12	20	64	FOBS=	51.5	SIGMA=	5.5	PHAS=	-85.8	FOM=	0.72	TEST=	0
INDE	12	20	66	FOBS=	117.9	SIGMA=	4.3	PHAS=	-148.9	FOM=	0.96	TEST=	0
INDE	12	20	68	FOBS=	74.5	SIGMA=	6.6	PHAS=	136.4	FOM=	0.82	TEST=	0
INDE	12	20	70	FOBS=	76.4	SIGMA=	6.6	PHAS=	135.5	FOM=	0.89	TEST=	0
INDE	12	21	13	FOBS=	40.6	SIGMA=	1.7	PHAS=	-81.8	FOM=	0.57	TEST=	0
INDE	12	21	15	FOBS=	60.0	SIGMA=	1.3	PHAS=	130.0	FOM=	0.84	TEST=	0
INDE	12	21	17	FOBS=	88.2	SIGMA=	0.9	PHAS=	53.5	FOM=	0.98	TEST=	0
INDE	12	21	19	FOBS=	195.9	SIGMA=	0.5	PHAS=	-110.4	FOM=	0.97	TEST=	0
INDE	12	21	21	FOBS=	147.8	SIGMA=	0.7	PHAS=	87.2	FOM=	0.96	TEST=	0
INDE	12	21	23	FOBS=	77.7	SIGMA=	1.1	PHAS=	135.9	FOM=	0.99	TEST=	0
INDE	12	21	25	FOBS=	180.3	SIGMA=	0.6	PHAS=	-100.5	FOM=	0.98	TEST=	0
INDE	12	21	27	FOBS=	112.1	SIGMA=	0.8	PHAS=	166.7	FOM=	0.96	TEST=	0
INDE	12	21	29	FOBS=	155.6	SIGMA=	0.7	PHAS=	-116.3	FOM=	0.98	TEST=	0
INDE	12	21	31	FOBS=	60.0	SIGMA=	1.8	PHAS=	-95.6	FOM=	0.98	TEST=	1
INDE	12	21	33	FOBS=	30.3	SIGMA=	4.1	PHAS=	-54.2	FOM=	0.53	TEST=	0
INDE	12	21	35	FOBS=	136.8	SIGMA=	0.9	PHAS=	-40.1	FOM=	0.85	TEST=	1
INDE	12	21	37	FOBS=	108.1	SIGMA=	1.2	PHAS=	-166.2	FOM=	0.98	TEST=	0
INDE	12	21	39	FOBS=	0.0	SIGMA=	16.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	21	41	FOBS=	106.7	SIGMA=	1.4	PHAS=	10.0	FOM=	0.91	TEST=	0
INDE	12	21	43	FOBS=	196.3	SIGMA=	0.9	PHAS=	-71.3	FOM=	0.92	TEST=	0
INDE	12	21	45	FOBS=	88.5	SIGMA=	1.8	PHAS=	-169.4	FOM=	0.88	TEST=	0
INDE	12	21	47	FOBS=	65.2	SIGMA=	2.3	PHAS=	104.2	FOM=	0.76	TEST=	0
INDE	12	21	49	FOBS=	202.8	SIGMA=	0.8	PHAS=	-139.2	FOM=	0.13	TEST=	1
INDE	12	21	51	FOBS=	38.9	SIGMA=	4.0	PHAS=	-170.9	FOM=	0.60	TEST=	0
INDE	12	21	53	FOBS=	60.6	SIGMA=	2.6	PHAS=	-33.2	FOM=	0.37	TEST=	0
INDE	12	21	55	FOBS=	83.2	SIGMA=	2.1	PHAS=	-128.1	FOM=	0.86	TEST=	0
INDE	12	21	57	FOBS=	103.1	SIGMA=	2.1	PHAS=	112.7	FOM=	0.90	TEST=	0
INDE	12	21	59	FOBS=	86.6	SIGMA=	2.4	PHAS=	131.5	FOM=	0.87	TEST=	0
INDE	12	21	61	FOBS=	46.6	SIGMA=	5.3	PHAS=	-39.2	FOM=	0.78	TEST=	0
INDE	12	21	63	FOBS=	59.2	SIGMA=	4.1	PHAS=	-139.6	FOM=	0.64	TEST=	0
INDE	12	21	65	FOBS=	148.0	SIGMA=	3.4	PHAS=	117.0	FOM=	0.97	TEST=	0
INDE	12	21	67	FOBS=	76.7	SIGMA=	6.5	PHAS=	36.6	FOM=	0.82	TEST=	0
INDE	12	21	69	FOBS=	112.9	SIGMA=	4.5	PHAS=	72.0	FOM=	0.95	TEST=	0
INDE	12	21	71	FOBS=	37.8	SIGMA=	13.4	PHAS=	-31.5	FOM=	0.58	TEST=	0
INDE	12	22	12	FOBS=	77.6	SIGMA=	0.9	PHAS=	51.4	FOM=	0.95	TEST=	0
INDE	12	22	14	FOBS=	168.5	SIGMA=	0.5	PHAS=	-24.5	FOM=	0.93	TEST=	0
INDE	12	22	16	FOBS=	71.3	SIGMA=	1.2	PHAS=	-78.1	FOM=	0.96	TEST=	0

INDE	12	22	18	FOBS=	113.8	SIGMA=	0.7	PHAS=	153.4	FOM=	0.99	TEST=	0
INDE	12	22	20	FOBS=	109.8	SIGMA=	0.8	PHAS=	40.5	FOM=	0.81	TEST=	0
INDE	12	22	22	FOBS=	108.1	SIGMA=	0.9	PHAS=	-53.3	FOM=	0.99	TEST=	0
INDE	12	22	24	FOBS=	98.0	SIGMA=	1.0	PHAS=	-17.0	FOM=	0.89	TEST=	0
INDE	12	22	26	FOBS=	228.1	SIGMA=	0.6	PHAS=	147.2	FOM=	0.96	TEST=	0
INDE	12	22	28	FOBS=	124.0	SIGMA=	0.8	PHAS=	-105.3	FOM=	0.98	TEST=	0
INDE	12	22	30	FOBS=	105.8	SIGMA=	1.1	PHAS=	140.8	FOM=	0.52	TEST=	0
INDE	12	22	32	FOBS=	69.2	SIGMA=	1.7	PHAS=	-100.8	FOM=	0.82	TEST=	0
INDE	12	22	34	FOBS=	95.2	SIGMA=	1.3	PHAS=	-29.5	FOM=	0.50	TEST=	0
INDE	12	22	36	FOBS=	88.5	SIGMA=	1.4	PHAS=	-174.0	FOM=	0.83	TEST=	1
INDE	12	22	38	FOBS=	108.4	SIGMA=	1.3	PHAS=	-84.4	FOM=	0.89	TEST=	0
INDE	12	22	40	FOBS=	126.3	SIGMA=	1.2	PHAS=	89.1	FOM=	0.84	TEST=	0
INDE	12	22	42	FOBS=	149.6	SIGMA=	1.1	PHAS=	-167.0	FOM=	0.84	TEST=	0
INDE	12	22	44	FOBS=	304.6	SIGMA=	0.7	PHAS=	170.7	FOM=	0.97	TEST=	0
INDE	12	22	46	FOBS=	143.4	SIGMA=	1.1	PHAS=	125.4	FOM=	0.94	TEST=	0
INDE	12	22	48	FOBS=	34.7	SIGMA=	4.2	PHAS=	-56.6	FOM=	0.88	TEST=	0
INDE	12	22	50	FOBS=	31.7	SIGMA=	4.9	PHAS=	-168.1	FOM=	0.32	TEST=	0
INDE	12	22	52	FOBS=	69.2	SIGMA=	2.2	PHAS=	-137.0	FOM=	0.62	TEST=	0
INDE	12	22	54	FOBS=	29.6	SIGMA=	7.1	PHAS=	-153.2	FOM=	0.61	TEST=	0
INDE	12	22	56	FOBS=	80.7	SIGMA=	2.6	PHAS=	1.5	FOM=	0.95	TEST=	0
INDE	12	22	58	FOBS=	110.9	SIGMA=	1.9	PHAS=	36.1	FOM=	0.91	TEST=	0
INDE	12	22	60	FOBS=	98.9	SIGMA=	2.6	PHAS=	174.4	FOM=	0.91	TEST=	0
INDE	12	22	62	FOBS=	161.9	SIGMA=	0.9	PHAS=	-130.3	FOM=	0.96	TEST=	0
INDE	12	22	64	FOBS=	130.2	SIGMA=	2.9	PHAS=	8.8	FOM=	0.79	TEST=	1
INDE	12	22	66	FOBS=	62.8	SIGMA=	7.9	PHAS=	5.2	FOM=	0.68	TEST=	0
INDE	12	22	68	FOBS=	49.3	SIGMA=	10.1	PHAS=	-21.4	FOM=	0.88	TEST=	0
INDE	12	22	70	FOBS=	0.0	SIGMA=	31.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	12	22	72	FOBS=	0.0	SIGMA=	32.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	23	13	FOBS=	57.6	SIGMA=	1.3	PHAS=	-149.8	FOM=	0.98	TEST=	0
INDE	12	23	15	FOBS=	61.8	SIGMA=	1.2	PHAS=	-155.6	FOM=	0.98	TEST=	0
INDE	12	23	17	FOBS=	72.5	SIGMA=	1.2	PHAS=	113.6	FOM=	0.95	TEST=	0
INDE	12	23	19	FOBS=	129.7	SIGMA=	0.6	PHAS=	-114.2	FOM=	0.98	TEST=	0
INDE	12	23	21	FOBS=	117.8	SIGMA=	0.8	PHAS=	-126.6	FOM=	0.96	TEST=	0
INDE	12	23	23	FOBS=	241.6	SIGMA=	0.5	PHAS=	-166.7	FOM=	0.97	TEST=	0
INDE	12	23	25	FOBS=	213.7	SIGMA=	0.6	PHAS=	-160.5	FOM=	0.97	TEST=	0
INDE	12	23	27	FOBS=	191.7	SIGMA=	0.7	PHAS=	163.7	FOM=	0.96	TEST=	0
INDE	12	23	29	FOBS=	173.3	SIGMA=	0.7	PHAS=	128.6	FOM=	0.98	TEST=	0
INDE	12	23	31	FOBS=	66.6	SIGMA=	1.7	PHAS=	109.4	FOM=	0.99	TEST=	0
INDE	12	23	33	FOBS=	200.9	SIGMA=	0.7	PHAS=	-166.3	FOM=	0.94	TEST=	0
INDE	12	23	35	FOBS=	232.8	SIGMA=	0.7	PHAS=	-109.6	FOM=	0.94	TEST=	0
INDE	12	23	37	FOBS=	173.6	SIGMA=	0.8	PHAS=	138.9	FOM=	0.89	TEST=	0
INDE	12	23	39	FOBS=	88.1	SIGMA=	1.7	PHAS=	-164.6	FOM=	0.97	TEST=	0
INDE	12	23	41	FOBS=	192.8	SIGMA=	0.9	PHAS=	7.7	FOM=	0.91	TEST=	0
INDE	12	23	43	FOBS=	200.5	SIGMA=	0.8	PHAS=	27.6	FOM=	0.82	TEST=	0
INDE	12	23	45	FOBS=	91.4	SIGMA=	1.7	PHAS=	20.3	FOM=	0.94	TEST=	0
INDE	12	23	47	FOBS=	150.7	SIGMA=	1.0	PHAS=	-14.3	FOM=	0.79	TEST=	0
INDE	12	23	49	FOBS=	6.4	SIGMA=	22.7	PHAS=	-154.2	FOM=	0.08	TEST=	0
INDE	12	23	51	FOBS=	95.3	SIGMA=	1.6	PHAS=	-153.4	FOM=	0.93	TEST=	0
INDE	12	23	53	FOBS=	46.5	SIGMA=	4.0	PHAS=	7.5	FOM=	0.60	TEST=	0
INDE	12	23	55	FOBS=	185.3	SIGMA=	1.3	PHAS=	-95.9	FOM=	0.98	TEST=	0
INDE	12	23	57	FOBS=	51.8	SIGMA=	4.0	PHAS=	-115.2	FOM=	0.28	TEST=	1
INDE	12	23	59	FOBS=	60.6	SIGMA=	3.4	PHAS=	126.1	FOM=	0.85	TEST=	0
INDE	12	23	61	FOBS=	76.7	SIGMA=	3.3	PHAS=	158.7	FOM=	0.76	TEST=	0
INDE	12	23	63	FOBS=	35.9	SIGMA=	7.9	PHAS=	-155.3	FOM=	0.68	TEST=	0
INDE	12	23	65	FOBS=	41.9	SIGMA=	10.9	PHAS=	107.8	FOM=	0.49	TEST=	0
INDE	12	23	67	FOBS=	105.6	SIGMA=	4.6	PHAS=	-66.6	FOM=	0.93	TEST=	0
INDE	12	23	69	FOBS=	0.0	SIGMA=	31.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	23	71	FOBS=	0.0	SIGMA=	31.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	12	23	73	FOBS=	10.8	SIGMA=	49.3	PHAS=	-4.6	FOM=	0.04	TEST=	0
INDE	12	24	12	FOBS=	137.8	SIGMA=	0.6	PHAS=	115.7	FOM=	0.99	TEST=	0
INDE	12	24	14	FOBS=	87.6	SIGMA=	0.9	PHAS=	47.6	FOM=	0.96	TEST=	0
INDE	12	24	16	FOBS=	119.1	SIGMA=	0.8	PHAS=	92.8	FOM=	0.83	TEST=	0
INDE	12	24	18	FOBS=	168.7	SIGMA=	0.6	PHAS=	127.8	FOM=	0.95	TEST=	0
INDE	12	24	20	FOBS=	81.6	SIGMA=	1.0	PHAS=	-13.4	FOM=	0.30	TEST=	0
INDE	12	24	22	FOBS=	131.6	SIGMA=	0.7	PHAS=	175.4	FOM=	0.95	TEST=	0
INDE	12	24	24	FOBS=	237.0	SIGMA=	0.5	PHAS=	67.4	FOM=	0.94	TEST=	0
INDE	12	24	26	FOBS=	202.3	SIGMA=	0.7	PHAS=	61.5	FOM=	0.97	TEST=	0
INDE	12	24	28	FOBS=	111.8	SIGMA=	1.1	PHAS=	-66.5	FOM=	0.77	TEST=	0
INDE	12	24	30	FOBS=	74.0	SIGMA=	1.7	PHAS=	70.8	FOM=	0.98	TEST=	1
INDE	12	24	32	FOBS=	331.8	SIGMA=	0.6	PHAS=	-29.5	FOM=	0.94	TEST=	0

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INDE	12	24	34	FOBS=	163.6	SIGMA=	0.9	PHAS=	76.6	FOM=	0.80	TEST=	0
INDE	12	24	36	FOBS=	171.1	SIGMA=	0.9	PHAS=	123.2	FOM=	0.90	TEST=	0
INDE	12	24	38	FOBS=	71.4	SIGMA=	2.2	PHAS=	5.4	FOM=	0.95	TEST=	0
INDE	12	24	40	FOBS=	87.1	SIGMA=	1.9	PHAS=	158.0	FOM=	0.95	TEST=	0
INDE	12	24	42	FOBS=	141.3	SIGMA=	1.2	PHAS=	-77.5	FOM=	0.67	TEST=	0
INDE	12	24	44	FOBS=	151.0	SIGMA=	1.1	PHAS=	-172.7	FOM=	0.63	TEST=	1
INDE	12	24	46	FOBS=	164.9	SIGMA=	1.0	PHAS=	-86.6	FOM=	0.91	TEST=	0
INDE	12	24	48	FOBS=	90.5	SIGMA=	1.6	PHAS=	89.1	FOM=	0.48	TEST=	0
INDE	12	24	50	FOBS=	53.5	SIGMA=	2.9	PHAS=	172.1	FOM=	0.90	TEST=	0
INDE	12	24	52	FOBS=	30.2	SIGMA=	6.2	PHAS=	140.7	FOM=	0.08	TEST=	0
INDE	12	24	54	FOBS=	44.5	SIGMA=	4.2	PHAS=	-154.3	FOM=	0.48	TEST=	0
INDE	12	24	56	FOBS=	23.1	SIGMA=	9.1	PHAS=	63.2	FOM=	0.05	TEST=	0
INDE	12	24	58	FOBS=	46.0	SIGMA=	5.4	PHAS=	14.8	FOM=	0.79	TEST=	0
INDE	12	24	60	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	24	62	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	24	64	FOBS=	112.6	SIGMA=	4.3	PHAS=	8.4	FOM=	0.90	TEST=	0
INDE	12	24	66	FOBS=	90.6	SIGMA=	5.4	PHAS=	-84.5	FOM=	0.93	TEST=	0
INDE	12	24	68	FOBS=	74.1	SIGMA=	6.7	PHAS=	-155.0	FOM=	0.85	TEST=	0
INDE	12	24	70	FOBS=	0.0	SIGMA=	31.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	24	72	FOBS=	16.2	SIGMA=	32.4	PHAS=	-128.6	FOM=	0.08	TEST=	0
INDE	12	25	13	FOBS=	73.9	SIGMA=	1.1	PHAS=	-21.9	FOM=	0.96	TEST=	1
INDE	12	25	15	FOBS=	152.9	SIGMA=	0.6	PHAS=	74.0	FOM=	0.99	TEST=	0
INDE	12	25	17	FOBS=	137.7	SIGMA=	0.7	PHAS=	166.2	FOM=	0.79	TEST=	0
INDE	12	25	19	FOBS=	36.7	SIGMA=	2.3	PHAS=	-148.6	FOM=	0.75	TEST=	0
INDE	12	25	21	FOBS=	227.6	SIGMA=	0.5	PHAS=	-123.3	FOM=	0.92	TEST=	0
INDE	12	25	23	FOBS=	55.8	SIGMA=	1.8	PHAS=	-56.9	FOM=	0.35	TEST=	0
INDE	12	25	25	FOBS=	103.9	SIGMA=	1.2	PHAS=	-115.0	FOM=	0.93	TEST=	0
INDE	12	25	27	FOBS=	285.5	SIGMA=	0.6	PHAS=	-130.9	FOM=	0.94	TEST=	0
INDE	12	25	29	FOBS=	225.0	SIGMA=	0.7	PHAS=	107.7	FOM=	0.99	TEST=	1
INDE	12	25	31	FOBS=	107.6	SIGMA=	1.3	PHAS=	-70.8	FOM=	0.68	TEST=	0
INDE	12	25	33	FOBS=	372.6	SIGMA=	0.6	PHAS=	-120.1	FOM=	0.93	TEST=	0
INDE	12	25	35	FOBS=	320.4	SIGMA=	0.7	PHAS=	-107.8	FOM=	0.97	TEST=	0
INDE	12	25	37	FOBS=	66.1	SIGMA=	2.3	PHAS=	-124.9	FOM=	0.90	TEST=	0
INDE	12	25	39	FOBS=	82.5	SIGMA=	2.0	PHAS=	101.7	FOM=	0.44	TEST=	0
INDE	12	25	41	FOBS=	79.8	SIGMA=	2.0	PHAS=	-23.6	FOM=	0.96	TEST=	1
INDE	12	25	43	FOBS=	77.7	SIGMA=	2.0	PHAS=	151.1	FOM=	0.81	TEST=	0
INDE	12	25	45	FOBS=	143.4	SIGMA=	1.1	PHAS=	-167.2	FOM=	0.86	TEST=	0
INDE	12	25	47	FOBS=	79.2	SIGMA=	1.9	PHAS=	173.1	FOM=	0.76	TEST=	0
INDE	12	25	49	FOBS=	58.6	SIGMA=	2.6	PHAS=	96.0	FOM=	0.82	TEST=	0
INDE	12	25	51	FOBS=	37.1	SIGMA=	4.6	PHAS=	86.7	FOM=	0.67	TEST=	0
INDE	12	25	53	FOBS=	65.5	SIGMA=	2.7	PHAS=	140.4	FOM=	0.20	TEST=	0
INDE	12	25	55	FOBS=	106.0	SIGMA=	1.8	PHAS=	-143.3	FOM=	0.96	TEST=	0
INDE	12	25	57	FOBS=	112.0	SIGMA=	2.0	PHAS=	-157.0	FOM=	0.12	TEST=	1
INDE	12	25	59	FOBS=	29.7	SIGMA=	8.4	PHAS=	106.5	FOM=	0.22	TEST=	1
INDE	12	25	61	FOBS=	25.7	SIGMA=	9.7	PHAS=	-37.8	FOM=	0.56	TEST=	0
INDE	12	25	63	FOBS=	79.6	SIGMA=	2.2	PHAS=	-124.7	FOM=	0.81	TEST=	0
INDE	12	25	65	FOBS=	81.5	SIGMA=	6.0	PHAS=	-158.6	FOM=	0.76	TEST=	0
INDE	12	25	67	FOBS=	84.0	SIGMA=	5.8	PHAS=	-167.1	FOM=	0.93	TEST=	0
INDE	12	25	69	FOBS=	0.0	SIGMA=	31.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	25	71	FOBS=	0.0	SIGMA=	31.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	26	12	FOBS=	32.0	SIGMA=	2.2	PHAS=	72.9	FOM=	0.94	TEST=	0
INDE	12	26	14	FOBS=	74.2	SIGMA=	1.1	PHAS=	2.4	FOM=	0.99	TEST=	0
INDE	12	26	16	FOBS=	53.9	SIGMA=	1.6	PHAS=	146.8	FOM=	0.99	TEST=	0
INDE	12	26	18	FOBS=	168.7	SIGMA=	0.6	PHAS=	129.9	FOM=	0.87	TEST=	0
INDE	12	26	20	FOBS=	96.6	SIGMA=	0.9	PHAS=	14.0	FOM=	0.57	TEST=	0
INDE	12	26	22	FOBS=	76.6	SIGMA=	1.3	PHAS=	151.9	FOM=	0.97	TEST=	0
INDE	12	26	24	FOBS=	142.6	SIGMA=	0.9	PHAS=	170.7	FOM=	0.62	TEST=	1
INDE	12	26	26	FOBS=	162.8	SIGMA=	0.8	PHAS=	71.0	FOM=	0.72	TEST=	0
INDE	12	26	28	FOBS=	43.3	SIGMA=	3.0	PHAS=	143.2	FOM=	0.94	TEST=	0
INDE	12	26	30	FOBS=	236.3	SIGMA=	0.7	PHAS=	35.2	FOM=	0.95	TEST=	0
INDE	12	26	32	FOBS=	0.0	SIGMA=	17.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	12	26	34	FOBS=	159.5	SIGMA=	1.0	PHAS=	168.8	FOM=	0.94	TEST=	0
INDE	12	26	36	FOBS=	305.2	SIGMA=	0.7	PHAS=	93.1	FOM=	0.95	TEST=	0
INDE	12	26	38	FOBS=	194.5	SIGMA=	1.0	PHAS=	89.9	FOM=	0.88	TEST=	0
INDE	12	26	40	FOBS=	131.0	SIGMA=	1.3	PHAS=	-154.7	FOM=	0.93	TEST=	0
INDE	12	26	42	FOBS=	175.5	SIGMA=	1.1	PHAS=	72.4	FOM=	0.91	TEST=	0
INDE	12	26	44	FOBS=	47.2	SIGMA=	3.2	PHAS=	105.6	FOM=	0.06	TEST=	1
INDE	12	26	46	FOBS=	99.2	SIGMA=	1.6	PHAS=	35.1	FOM=	0.57	TEST=	0
INDE	12	26	48	FOBS=	131.1	SIGMA=	1.4	PHAS=	89.8	FOM=	0.95	TEST=	0
INDE	12	26	50	FOBS=	104.4	SIGMA=	1.7	PHAS=	154.7	FOM=	0.13	TEST=	0

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INDE	12	26	52	FOBS=	131.7	SIGMA=	1.4	PHAS=	-61.3	FOM=	0.93	TEST=	0
INDE	12	26	54	FOBS=	53.3	SIGMA=	3.2	PHAS=	87.8	FOM=	0.81	TEST=	0
INDE	12	26	56	FOBS=	37.1	SIGMA=	5.0	PHAS=	84.5	FOM=	0.46	TEST=	0
INDE	12	26	58	FOBS=	44.6	SIGMA=	5.1	PHAS=	-75.3	FOM=	0.37	TEST=	0
INDE	12	26	60	FOBS=	83.9	SIGMA=	3.1	PHAS=	-59.0	FOM=	0.81	TEST=	0
INDE	12	26	62	FOBS=	18.8	SIGMA=	15.2	PHAS=	163.6	FOM=	0.50	TEST=	0
INDE	12	26	64	FOBS=	23.6	SIGMA=	8.7	PHAS=	4.9	FOM=	0.02	TEST=	1
INDE	12	26	66	FOBS=	74.5	SIGMA=	6.5	PHAS=	165.9	FOM=	0.83	TEST=	0
INDE	12	26	68	FOBS=	22.1	SIGMA=	21.5	PHAS=	-128.9	FOM=	0.27	TEST=	0
INDE	12	26	70	FOBS=	47.1	SIGMA=	10.5	PHAS=	136.6	FOM=	0.58	TEST=	0
INDE	12	26	72	FOBS=	0.0	SIGMA=	31.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	27	13	FOBS=	130.1	SIGMA=	0.7	PHAS=	-43.1	FOM=	0.94	TEST=	0
INDE	12	27	15	FOBS=	239.5	SIGMA=	0.5	PHAS=	48.1	FOM=	0.95	TEST=	0
INDE	12	27	17	FOBS=	76.9	SIGMA=	1.3	PHAS=	151.4	FOM=	0.92	TEST=	0
INDE	12	27	19	FOBS=	123.6	SIGMA=	1.0	PHAS=	132.6	FOM=	0.93	TEST=	1
INDE	12	27	21	FOBS=	295.8	SIGMA=	0.5	PHAS=	-135.6	FOM=	0.99	TEST=	0
INDE	12	27	23	FOBS=	115.4	SIGMA=	1.0	PHAS=	-23.4	FOM=	0.97	TEST=	0
INDE	12	27	25	FOBS=	111.9	SIGMA=	1.1	PHAS=	128.2	FOM=	0.87	TEST=	0
INDE	12	27	27	FOBS=	208.4	SIGMA=	0.7	PHAS=	-131.1	FOM=	0.94	TEST=	0
INDE	12	27	29	FOBS=	96.3	SIGMA=	1.5	PHAS=	40.5	FOM=	0.21	TEST=	1
INDE	12	27	31	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	27	33	FOBS=	130.1	SIGMA=	1.3	PHAS=	-74.0	FOM=	0.76	TEST=	0
INDE	12	27	35	FOBS=	58.1	SIGMA=	2.9	PHAS=	144.0	FOM=	0.73	TEST=	0
INDE	12	27	37	FOBS=	61.5	SIGMA=	2.7	PHAS=	-113.0	FOM=	0.62	TEST=	0
INDE	12	27	39	FOBS=	204.9	SIGMA=	1.0	PHAS=	126.5	FOM=	0.95	TEST=	0
INDE	12	27	41	FOBS=	200.9	SIGMA=	0.9	PHAS=	-22.8	FOM=	0.94	TEST=	0
INDE	12	27	43	FOBS=	138.8	SIGMA=	1.2	PHAS=	-137.9	FOM=	0.88	TEST=	0
INDE	12	27	45	FOBS=	61.5	SIGMA=	2.6	PHAS=	-73.8	FOM=	0.50	TEST=	0
INDE	12	27	47	FOBS=	33.3	SIGMA=	5.5	PHAS=	20.5	FOM=	0.76	TEST=	0
INDE	12	27	49	FOBS=	67.9	SIGMA=	2.6	PHAS=	80.0	FOM=	0.78	TEST=	0
INDE	12	27	51	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	27	53	FOBS=	94.2	SIGMA=	1.8	PHAS=	-137.8	FOM=	0.90	TEST=	0
INDE	12	27	55	FOBS=	92.8	SIGMA=	1.8	PHAS=	139.0	FOM=	0.94	TEST=	0
INDE	12	27	57	FOBS=	141.9	SIGMA=	1.6	PHAS=	125.2	FOM=	0.06	TEST=	1
INDE	12	27	59	FOBS=	127.8	SIGMA=	1.9	PHAS=	-164.7	FOM=	0.92	TEST=	0
INDE	12	27	61	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	27	63	FOBS=	15.8	SIGMA=	12.2	PHAS=	45.1	FOM=	0.18	TEST=	0
INDE	12	27	65	FOBS=	34.4	SIGMA=	6.1	PHAS=	-101.8	FOM=	0.81	TEST=	0
INDE	12	27	67	FOBS=	42.2	SIGMA=	11.6	PHAS=	-158.1	FOM=	0.14	TEST=	0
INDE	12	27	69	FOBS=	0.0	SIGMA=	31.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	27	71	FOBS=	0.0	SIGMA=	31.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	28	12	FOBS=	156.6	SIGMA=	0.6	PHAS=	-18.1	FOM=	0.96	TEST=	0
INDE	12	28	14	FOBS=	211.8	SIGMA=	0.5	PHAS=	-57.4	FOM=	0.94	TEST=	0
INDE	12	28	16	FOBS=	164.9	SIGMA=	0.6	PHAS=	4.0	FOM=	0.98	TEST=	0
INDE	12	28	18	FOBS=	287.6	SIGMA=	0.6	PHAS=	144.5	FOM=	0.96	TEST=	0
INDE	12	28	20	FOBS=	192.9	SIGMA=	0.7	PHAS=	89.8	FOM=	0.95	TEST=	0
INDE	12	28	22	FOBS=	144.6	SIGMA=	0.8	PHAS=	139.3	FOM=	0.71	TEST=	0
INDE	12	28	24	FOBS=	239.6	SIGMA=	0.7	PHAS=	-147.2	FOM=	0.99	TEST=	0
INDE	12	28	26	FOBS=	163.7	SIGMA=	0.9	PHAS=	-23.8	FOM=	0.95	TEST=	0
INDE	12	28	28	FOBS=	261.1	SIGMA=	0.6	PHAS=	50.0	FOM=	0.08	TEST=	1
INDE	12	28	30	FOBS=	98.2	SIGMA=	1.6	PHAS=	-72.4	FOM=	0.70	TEST=	0
INDE	12	28	32	FOBS=	155.4	SIGMA=	1.1	PHAS=	-122.0	FOM=	0.68	TEST=	0
INDE	12	28	34	FOBS=	90.5	SIGMA=	1.9	PHAS=	-27.0	FOM=	0.56	TEST=	0
INDE	12	28	36	FOBS=	227.3	SIGMA=	0.9	PHAS=	40.9	FOM=	0.94	TEST=	0
INDE	12	28	38	FOBS=	401.6	SIGMA=	0.9	PHAS=	81.3	FOM=	0.98	TEST=	0
INDE	12	28	40	FOBS=	46.8	SIGMA=	3.6	PHAS=	-152.3	FOM=	0.77	TEST=	0
INDE	12	28	42	FOBS=	105.5	SIGMA=	1.8	PHAS=	121.7	FOM=	0.87	TEST=	0
INDE	12	28	44	FOBS=	76.1	SIGMA=	2.6	PHAS=	-152.2	FOM=	0.91	TEST=	1
INDE	12	28	46	FOBS=	88.5	SIGMA=	2.2	PHAS=	-137.1	FOM=	0.80	TEST=	1
INDE	12	28	48	FOBS=	142.2	SIGMA=	1.3	PHAS=	-1.8	FOM=	0.90	TEST=	0
INDE	12	28	50	FOBS=	97.8	SIGMA=	1.8	PHAS=	-13.7	FOM=	0.77	TEST=	0
INDE	12	28	52	FOBS=	49.5	SIGMA=	3.4	PHAS=	157.5	FOM=	0.74	TEST=	0
INDE	12	28	54	FOBS=	44.8	SIGMA=	3.8	PHAS=	65.7	FOM=	0.78	TEST=	0
INDE	12	28	56	FOBS=	76.7	SIGMA=	2.2	PHAS=	94.0	FOM=	0.83	TEST=	0
INDE	12	28	58	FOBS=	28.9	SIGMA=	9.0	PHAS=	-70.4	FOM=	0.25	TEST=	0
INDE	12	28	60	FOBS=	55.0	SIGMA=	3.8	PHAS=	29.2	FOM=	0.82	TEST=	0
INDE	12	28	62	FOBS=	36.8	SIGMA=	9.2	PHAS=	-96.9	FOM=	0.42	TEST=	0
INDE	12	28	64	FOBS=	65.4	SIGMA=	3.1	PHAS=	-142.4	FOM=	0.89	TEST=	0
INDE	12	28	66	FOBS=	34.2	SIGMA=	6.3	PHAS=	-143.6	FOM=	0.58	TEST=	0
INDE	12	28	68	FOBS=	47.2	SIGMA=	10.5	PHAS=	134.4	FOM=	0.65	TEST=	0

INDE	12	28	70	FOBS=	0.0	SIGMA=	31.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	12	29	13	FOBS=	191.1	SIGMA=	0.6	PHAS=	-111.4	FOM=	0.92	TEST=	0
INDE	12	29	15	FOBS=	163.4	SIGMA=	0.7	PHAS=	-82.0	FOM=	0.98	TEST=	0
INDE	12	29	17	FOBS=	183.7	SIGMA=	0.7	PHAS=	-35.0	FOM=	0.92	TEST=	0
INDE	12	29	19	FOBS=	134.0	SIGMA=	0.9	PHAS=	66.5	FOM=	0.96	TEST=	0
INDE	12	29	21	FOBS=	89.4	SIGMA=	1.3	PHAS=	-98.9	FOM=	0.96	TEST=	0
INDE	12	29	23	FOBS=	191.3	SIGMA=	0.7	PHAS=	50.8	FOM=	0.94	TEST=	0
INDE	12	29	25	FOBS=	224.7	SIGMA=	0.7	PHAS=	-129.5	FOM=	0.98	TEST=	0
INDE	12	29	27	FOBS=	256.5	SIGMA=	0.6	PHAS=	-164.8	FOM=	0.94	TEST=	0
INDE	12	29	29	FOBS=	142.7	SIGMA=	1.0	PHAS=	120.2	FOM=	0.95	TEST=	0
INDE	12	29	31	FOBS=	276.8	SIGMA=	1.2	PHAS=	-73.9	FOM=	0.25	TEST=	1
INDE	12	29	33	FOBS=	221.1	SIGMA=	1.1	PHAS=	55.6	FOM=	0.92	TEST=	0
INDE	12	29	35	FOBS=	140.2	SIGMA=	1.3	PHAS=	-31.7	FOM=	0.88	TEST=	0
INDE	12	29	37	FOBS=	64.2	SIGMA=	3.1	PHAS=	133.7	FOM=	0.68	TEST=	0
INDE	12	29	39	FOBS=	97.7	SIGMA=	2.0	PHAS=	-101.8	FOM=	0.94	TEST=	0
INDE	12	29	41	FOBS=	179.6	SIGMA=	1.2	PHAS=	-22.9	FOM=	0.93	TEST=	0
INDE	12	29	43	FOBS=	55.6	SIGMA=	3.6	PHAS=	-19.9	FOM=	0.70	TEST=	0
INDE	12	29	45	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	29	47	FOBS=	18.3	SIGMA=	12.0	PHAS=	123.7	FOM=	0.10	TEST=	0
INDE	12	29	49	FOBS=	94.6	SIGMA=	2.0	PHAS=	-40.6	FOM=	0.94	TEST=	0
INDE	12	29	51	FOBS=	101.8	SIGMA=	1.7	PHAS=	-21.7	FOM=	0.76	TEST=	0
INDE	12	29	53	FOBS=	43.0	SIGMA=	4.2	PHAS=	119.5	FOM=	0.77	TEST=	0
INDE	12	29	55	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	29	57	FOBS=	53.1	SIGMA=	3.4	PHAS=	169.9	FOM=	0.54	TEST=	0
INDE	12	29	59	FOBS=	136.9	SIGMA=	1.5	PHAS=	-138.5	FOM=	0.94	TEST=	0
INDE	12	29	61	FOBS=	43.4	SIGMA=	5.3	PHAS=	37.3	FOM=	0.43	TEST=	0
INDE	12	29	63	FOBS=	63.4	SIGMA=	5.3	PHAS=	105.7	FOM=	0.63	TEST=	0
INDE	12	29	65	FOBS=	31.0	SIGMA=	7.4	PHAS=	-168.0	FOM=	0.81	TEST=	0
INDE	12	29	67	FOBS=	96.2	SIGMA=	2.4	PHAS=	-3.6	FOM=	0.91	TEST=	0
INDE	12	29	69	FOBS=	37.8	SIGMA=	13.4	PHAS=	19.5	FOM=	0.33	TEST=	0
INDE	12	29	71	FOBS=	20.1	SIGMA=	25.6	PHAS=	-82.2	FOM=	0.03	TEST=	0
INDE	12	30	12	FOBS=	106.7	SIGMA=	0.8	PHAS=	40.7	FOM=	0.99	TEST=	0
INDE	12	30	14	FOBS=	123.5	SIGMA=	0.9	PHAS=	-76.7	FOM=	0.86	TEST=	0
INDE	12	30	16	FOBS=	218.9	SIGMA=	0.6	PHAS=	-143.1	FOM=	0.99	TEST=	0
INDE	12	30	18	FOBS=	85.9	SIGMA=	1.4	PHAS=	-128.6	FOM=	0.95	TEST=	1
INDE	12	30	20	FOBS=	84.3	SIGMA=	1.4	PHAS=	-26.8	FOM=	0.91	TEST=	0
INDE	12	30	22	FOBS=	104.3	SIGMA=	1.2	PHAS=	-78.1	FOM=	0.99	TEST=	0
INDE	12	30	24	FOBS=	238.6	SIGMA=	0.6	PHAS=	155.4	FOM=	0.98	TEST=	0
INDE	12	30	26	FOBS=	52.5	SIGMA=	2.6	PHAS=	-86.1	FOM=	0.40	TEST=	1
INDE	12	30	28	FOBS=	205.2	SIGMA=	0.8	PHAS=	112.1	FOM=	0.99	TEST=	0
INDE	12	30	30	FOBS=	65.2	SIGMA=	2.2	PHAS=	-71.9	FOM=	0.94	TEST=	0
INDE	12	30	32	FOBS=	211.1	SIGMA=	0.9	PHAS=	24.7	FOM=	0.92	TEST=	0
INDE	12	30	34	FOBS=	225.8	SIGMA=	1.1	PHAS=	-21.2	FOM=	0.97	TEST=	0
INDE	12	30	36	FOBS=	198.5	SIGMA=	1.2	PHAS=	4.8	FOM=	0.89	TEST=	0
INDE	12	30	38	FOBS=	280.3	SIGMA=	1.0	PHAS=	101.7	FOM=	0.96	TEST=	0
INDE	12	30	40	FOBS=	140.3	SIGMA=	1.7	PHAS=	164.3	FOM=	0.95	TEST=	0
INDE	12	30	42	FOBS=	142.4	SIGMA=	1.5	PHAS=	-112.0	FOM=	0.83	TEST=	0
INDE	12	30	44	FOBS=	94.2	SIGMA=	2.1	PHAS=	-125.8	FOM=	0.88	TEST=	0
INDE	12	30	46	FOBS=	55.4	SIGMA=	3.6	PHAS=	126.2	FOM=	0.39	TEST=	1
INDE	12	30	48	FOBS=	64.1	SIGMA=	3.0	PHAS=	-58.6	FOM=	0.94	TEST=	0
INDE	12	30	50	FOBS=	55.8	SIGMA=	3.4	PHAS=	139.7	FOM=	0.47	TEST=	0
INDE	12	30	52	FOBS=	50.6	SIGMA=	3.4	PHAS=	16.4	FOM=	0.86	TEST=	0
INDE	12	30	54	FOBS=	50.5	SIGMA=	3.3	PHAS=	34.8	FOM=	0.78	TEST=	0
INDE	12	30	56	FOBS=	44.0	SIGMA=	4.7	PHAS=	161.4	FOM=	0.39	TEST=	0
INDE	12	30	58	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	30	60	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	30	62	FOBS=	45.8	SIGMA=	5.5	PHAS=	-72.7	FOM=	0.51	TEST=	0
INDE	12	30	64	FOBS=	27.9	SIGMA=	7.5	PHAS=	179.5	FOM=	0.56	TEST=	0
INDE	12	30	66	FOBS=	51.6	SIGMA=	4.7	PHAS=	-116.9	FOM=	0.74	TEST=	0
INDE	12	30	68	FOBS=	54.8	SIGMA=	4.1	PHAS=	-150.0	FOM=	0.64	TEST=	0
INDE	12	30	70	FOBS=	0.0	SIGMA=	32.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	31	13	FOBS=	75.4	SIGMA=	1.4	PHAS=	-51.0	FOM=	0.95	TEST=	0
INDE	12	31	15	FOBS=	90.1	SIGMA=	1.2	PHAS=	-151.7	FOM=	0.97	TEST=	0
INDE	12	31	17	FOBS=	111.6	SIGMA=	1.1	PHAS=	131.9	FOM=	0.98	TEST=	0
INDE	12	31	19	FOBS=	293.7	SIGMA=	0.6	PHAS=	173.7	FOM=	0.97	TEST=	0
INDE	12	31	21	FOBS=	255.9	SIGMA=	0.6	PHAS=	-128.0	FOM=	0.94	TEST=	0
INDE	12	31	23	FOBS=	152.7	SIGMA=	0.9	PHAS=	69.0	FOM=	0.95	TEST=	0
INDE	12	31	25	FOBS=	225.1	SIGMA=	0.8	PHAS=	-95.1	FOM=	0.95	TEST=	0
INDE	12	31	27	FOBS=	46.1	SIGMA=	3.5	PHAS=	69.6	FOM=	0.66	TEST=	0
INDE	12	31	29	FOBS=	198.5	SIGMA=	0.8	PHAS=	66.3	FOM=	0.97	TEST=	0

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INDE	12	31	31	FOBS=	259.3	SIGMA=	0.8	PHAS=	-169.0	FOM=	0.96	TEST=	0
INDE	12	31	33	FOBS=	258.3	SIGMA=	0.8	PHAS=	-40.0	FOM=	0.98	TEST=	0
INDE	12	31	35	FOBS=	349.1	SIGMA=	0.8	PHAS=	-93.8	FOM=	0.97	TEST=	0
INDE	12	31	37	FOBS=	240.1	SIGMA=	1.1	PHAS=	114.0	FOM=	0.98	TEST=	0
INDE	12	31	39	FOBS=	58.4	SIGMA=	4.0	PHAS=	-43.0	FOM=	0.28	TEST=	0
INDE	12	31	41	FOBS=	91.5	SIGMA=	2.6	PHAS=	101.6	FOM=	0.87	TEST=	0
INDE	12	31	43	FOBS=	187.1	SIGMA=	1.3	PHAS=	103.6	FOM=	0.92	TEST=	0
INDE	12	31	45	FOBS=	39.8	SIGMA=	4.9	PHAS=	86.6	FOM=	0.76	TEST=	0
INDE	12	31	47	FOBS=	52.0	SIGMA=	3.7	PHAS=	147.7	FOM=	0.61	TEST=	0
INDE	12	31	49	FOBS=	90.8	SIGMA=	2.1	PHAS=	58.4	FOM=	0.90	TEST=	0
INDE	12	31	51	FOBS=	202.1	SIGMA=	1.1	PHAS=	-43.8	FOM=	0.65	TEST=	1
INDE	12	31	53	FOBS=	93.4	SIGMA=	2.1	PHAS=	-44.9	FOM=	0.91	TEST=	0
INDE	12	31	55	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	31	57	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	31	59	FOBS=	23.6	SIGMA=	8.1	PHAS=	-139.7	FOM=	0.41	TEST=	0
INDE	12	31	61	FOBS=	44.0	SIGMA=	4.7	PHAS=	145.2	FOM=	0.68	TEST=	0
INDE	12	31	63	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	31	65	FOBS=	87.4	SIGMA=	2.9	PHAS=	91.3	FOM=	0.84	TEST=	0
INDE	12	31	67	FOBS=	60.3	SIGMA=	4.1	PHAS=	-158.1	FOM=	0.85	TEST=	0
INDE	12	31	69	FOBS=	56.8	SIGMA=	4.1	PHAS=	-161.2	FOM=	0.86	TEST=	0
INDE	12	32	12	FOBS=	146.6	SIGMA=	0.7	PHAS=	-118.2	FOM=	0.99	TEST=	0
INDE	12	32	14	FOBS=	129.3	SIGMA=	0.9	PHAS=	74.9	FOM=	0.98	TEST=	0
INDE	12	32	16	FOBS=	124.6	SIGMA=	1.0	PHAS=	-142.7	FOM=	0.96	TEST=	0
INDE	12	32	18	FOBS=	122.1	SIGMA=	1.1	PHAS=	32.6	FOM=	0.98	TEST=	1
INDE	12	32	20	FOBS=	225.7	SIGMA=	0.7	PHAS=	83.2	FOM=	0.86	TEST=	0
INDE	12	32	22	FOBS=	128.3	SIGMA=	1.1	PHAS=	-129.3	FOM=	0.93	TEST=	0
INDE	12	32	24	FOBS=	261.0	SIGMA=	0.7	PHAS=	178.8	FOM=	0.98	TEST=	0
INDE	12	32	26	FOBS=	470.5	SIGMA=	0.8	PHAS=	-125.3	FOM=	0.98	TEST=	0
INDE	12	32	28	FOBS=	153.1	SIGMA=	1.1	PHAS=	47.4	FOM=	0.90	TEST=	0
INDE	12	32	30	FOBS=	99.8	SIGMA=	1.7	PHAS=	-70.8	FOM=	0.91	TEST=	0
INDE	12	32	32	FOBS=	206.5	SIGMA=	1.0	PHAS=	-2.2	FOM=	0.94	TEST=	0
INDE	12	32	34	FOBS=	207.0	SIGMA=	1.1	PHAS=	152.6	FOM=	0.95	TEST=	0
INDE	12	32	36	FOBS=	167.9	SIGMA=	1.6	PHAS=	118.5	FOM=	0.85	TEST=	0
INDE	12	32	38	FOBS=	81.6	SIGMA=	2.9	PHAS=	80.4	FOM=	0.83	TEST=	0
INDE	12	32	40	FOBS=	27.3	SIGMA=	8.4	PHAS=	65.1	FOM=	0.06	TEST=	0
INDE	12	32	42	FOBS=	152.4	SIGMA=	1.6	PHAS=	63.8	FOM=	0.86	TEST=	0
INDE	12	32	44	FOBS=	75.2	SIGMA=	3.0	PHAS=	-8.1	FOM=	0.81	TEST=	0
INDE	12	32	46	FOBS=	107.1	SIGMA=	2.0	PHAS=	-18.3	FOM=	0.94	TEST=	0
INDE	12	32	48	FOBS=	32.2	SIGMA=	5.9	PHAS=	155.1	FOM=	0.22	TEST=	0
INDE	12	32	50	FOBS=	55.3	SIGMA=	3.5	PHAS=	-53.6	FOM=	0.49	TEST=	0
INDE	12	32	52	FOBS=	133.2	SIGMA=	1.5	PHAS=	-59.5	FOM=	0.94	TEST=	0
INDE	12	32	54	FOBS=	50.1	SIGMA=	3.7	PHAS=	-155.7	FOM=	0.62	TEST=	0
INDE	12	32	56	FOBS=	86.8	SIGMA=	2.3	PHAS=	179.1	FOM=	0.87	TEST=	0
INDE	12	32	58	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	32	60	FOBS=	49.8	SIGMA=	4.2	PHAS=	33.5	FOM=	0.52	TEST=	0
INDE	12	32	62	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	32	64	FOBS=	72.1	SIGMA=	2.7	PHAS=	-155.8	FOM=	0.75	TEST=	0
INDE	12	32	66	FOBS=	52.3	SIGMA=	4.4	PHAS=	-64.4	FOM=	0.14	TEST=	1
INDE	12	32	68	FOBS=	87.3	SIGMA=	2.9	PHAS=	135.2	FOM=	0.93	TEST=	0
INDE	12	33	13	FOBS=	153.4	SIGMA=	0.8	PHAS=	96.2	FOM=	0.93	TEST=	1
INDE	12	33	15	FOBS=	96.3	SIGMA=	1.2	PHAS=	-23.7	FOM=	0.96	TEST=	0
INDE	12	33	17	FOBS=	244.9	SIGMA=	0.6	PHAS=	161.4	FOM=	0.97	TEST=	0
INDE	12	33	19	FOBS=	263.1	SIGMA=	0.7	PHAS=	-161.8	FOM=	0.92	TEST=	0
INDE	12	33	21	FOBS=	85.6	SIGMA=	1.6	PHAS=	156.0	FOM=	0.95	TEST=	0
INDE	12	33	23	FOBS=	231.5	SIGMA=	0.7	PHAS=	148.5	FOM=	0.75	TEST=	1
INDE	12	33	25	FOBS=	257.3	SIGMA=	0.7	PHAS=	177.2	FOM=	0.97	TEST=	0
INDE	12	33	27	FOBS=	142.9	SIGMA=	1.3	PHAS=	156.2	FOM=	0.82	TEST=	0
INDE	12	33	29	FOBS=	242.4	SIGMA=	1.0	PHAS=	177.7	FOM=	0.89	TEST=	0
INDE	12	33	31	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	33	33	FOBS=	363.0	SIGMA=	0.8	PHAS=	-28.8	FOM=	0.97	TEST=	0
INDE	12	33	35	FOBS=	146.6	SIGMA=	1.4	PHAS=	-163.5	FOM=	0.81	TEST=	0
INDE	12	33	37	FOBS=	142.4	SIGMA=	1.8	PHAS=	103.0	FOM=	0.80	TEST=	0
INDE	12	33	39	FOBS=	106.3	SIGMA=	2.2	PHAS=	-112.0	FOM=	0.69	TEST=	0
INDE	12	33	41	FOBS=	207.2	SIGMA=	1.3	PHAS=	19.3	FOM=	0.94	TEST=	0
INDE	12	33	43	FOBS=	101.3	SIGMA=	2.3	PHAS=	-4.5	FOM=	0.92	TEST=	0
INDE	12	33	45	FOBS=	126.8	SIGMA=	1.8	PHAS=	-148.6	FOM=	0.81	TEST=	0
INDE	12	33	47	FOBS=	50.4	SIGMA=	4.4	PHAS=	90.1	FOM=	0.61	TEST=	0
INDE	12	33	49	FOBS=	78.9	SIGMA=	2.5	PHAS=	95.9	FOM=	0.40	TEST=	1
INDE	12	33	51	FOBS=	55.6	SIGMA=	3.4	PHAS=	107.0	FOM=	0.27	TEST=	0
INDE	12	33	53	FOBS=	113.4	SIGMA=	1.7	PHAS=	43.7	FOM=	0.15	TEST=	1

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INDE	12	33	55	FOBS=	29.1	SIGMA=	8.2	PHAS=	133.0	FOM=	0.29	TEST=	0
INDE	12	33	57	FOBS=	37.4	SIGMA=	6.0	PHAS=	136.8	FOM=	0.47	TEST=	1
INDE	12	33	59	FOBS=	40.8	SIGMA=	5.5	PHAS=	-61.6	FOM=	0.76	TEST=	0
INDE	12	33	61	FOBS=	49.1	SIGMA=	4.2	PHAS=	30.7	FOM=	0.53	TEST=	0
INDE	12	33	63	FOBS=	30.8	SIGMA=	8.5	PHAS=	168.1	FOM=	0.21	TEST=	0
INDE	12	33	65	FOBS=	45.4	SIGMA=	4.7	PHAS=	102.3	FOM=	0.64	TEST=	0
INDE	12	33	67	FOBS=	38.3	SIGMA=	6.8	PHAS=	-118.9	FOM=	0.04	TEST=	0
INDE	12	33	69	FOBS=	9.6	SIGMA=	27.0	PHAS=	33.5	FOM=	0.15	TEST=	0
INDE	12	34	12	FOBS=	161.3	SIGMA=	0.7	PHAS=	-62.5	FOM=	0.93	TEST=	0
INDE	12	34	14	FOBS=	173.7	SIGMA=	0.8	PHAS=	-14.9	FOM=	0.88	TEST=	0
INDE	12	34	16	FOBS=	70.0	SIGMA=	1.9	PHAS=	43.9	FOM=	0.99	TEST=	0
INDE	12	34	18	FOBS=	248.7	SIGMA=	0.7	PHAS=	91.4	FOM=	0.97	TEST=	0
INDE	12	34	20	FOBS=	248.5	SIGMA=	0.7	PHAS=	72.5	FOM=	0.99	TEST=	0
INDE	12	34	22	FOBS=	218.7	SIGMA=	0.9	PHAS=	-178.4	FOM=	0.81	TEST=	0
INDE	12	34	24	FOBS=	84.1	SIGMA=	2.1	PHAS=	-179.5	FOM=	0.74	TEST=	0
INDE	12	34	26	FOBS=	203.6	SIGMA=	0.9	PHAS=	-76.2	FOM=	0.98	TEST=	0
INDE	12	34	28	FOBS=	241.3	SIGMA=	1.0	PHAS=	67.8	FOM=	0.96	TEST=	0
INDE	12	34	30	FOBS=	84.2	SIGMA=	2.6	PHAS=	36.8	FOM=	0.80	TEST=	0
INDE	12	34	32	FOBS=	228.7	SIGMA=	1.0	PHAS=	-70.0	FOM=	0.95	TEST=	0
INDE	12	34	34	FOBS=	158.8	SIGMA=	1.3	PHAS=	-147.0	FOM=	0.87	TEST=	0
INDE	12	34	36	FOBS=	235.1	SIGMA=	1.0	PHAS=	90.0	FOM=	0.96	TEST=	0
INDE	12	34	38	FOBS=	34.8	SIGMA=	6.8	PHAS=	168.6	FOM=	0.36	TEST=	1
INDE	12	34	40	FOBS=	289.9	SIGMA=	1.3	PHAS=	-48.6	FOM=	0.97	TEST=	0
INDE	12	34	42	FOBS=	101.1	SIGMA=	2.3	PHAS=	-120.5	FOM=	0.91	TEST=	0
INDE	12	34	44	FOBS=	130.4	SIGMA=	1.8	PHAS=	15.4	FOM=	0.90	TEST=	0
INDE	12	34	46	FOBS=	100.6	SIGMA=	2.3	PHAS=	-8.3	FOM=	0.88	TEST=	0
INDE	12	34	48	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	34	50	FOBS=	53.9	SIGMA=	4.0	PHAS=	18.8	FOM=	0.87	TEST=	0
INDE	12	34	52	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	34	54	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	34	56	FOBS=	76.4	SIGMA=	2.8	PHAS=	163.2	FOM=	0.78	TEST=	0
INDE	12	34	58	FOBS=	66.0	SIGMA=	3.1	PHAS=	-116.3	FOM=	0.88	TEST=	0
INDE	12	34	60	FOBS=	56.8	SIGMA=	3.7	PHAS=	-113.4	FOM=	0.83	TEST=	0
INDE	12	34	62	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	34	64	FOBS=	40.4	SIGMA=	4.6	PHAS=	129.5	FOM=	0.64	TEST=	0
INDE	12	34	66	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	34	68	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	35	13	FOBS=	101.8	SIGMA=	1.4	PHAS=	-130.5	FOM=	0.91	TEST=	0
INDE	12	35	15	FOBS=	308.5	SIGMA=	0.7	PHAS=	-82.2	FOM=	0.97	TEST=	0
INDE	12	35	17	FOBS=	135.5	SIGMA=	1.2	PHAS=	45.3	FOM=	0.99	TEST=	0
INDE	12	35	19	FOBS=	11.9	SIGMA=	17.9	PHAS=	-134.7	FOM=	0.01	TEST=	1
INDE	12	35	21	FOBS=	345.5	SIGMA=	0.9	PHAS=	43.4	FOM=	0.98	TEST=	0
INDE	12	35	23	FOBS=	251.1	SIGMA=	0.9	PHAS=	148.0	FOM=	0.97	TEST=	0
INDE	12	35	25	FOBS=	159.4	SIGMA=	1.2	PHAS=	-152.4	FOM=	0.94	TEST=	0
INDE	12	35	27	FOBS=	256.2	SIGMA=	0.8	PHAS=	-56.0	FOM=	0.98	TEST=	0
INDE	12	35	29	FOBS=	128.1	SIGMA=	1.8	PHAS=	177.5	FOM=	0.91	TEST=	0
INDE	12	35	31	FOBS=	83.5	SIGMA=	2.8	PHAS=	100.4	FOM=	0.52	TEST=	0
INDE	12	35	33	FOBS=	77.2	SIGMA=	2.7	PHAS=	34.5	FOM=	0.89	TEST=	0
INDE	12	35	35	FOBS=	62.9	SIGMA=	3.2	PHAS=	154.7	FOM=	0.33	TEST=	0
INDE	12	35	37	FOBS=	196.7	SIGMA=	1.1	PHAS=	-36.4	FOM=	0.97	TEST=	0
INDE	12	35	39	FOBS=	227.7	SIGMA=	1.2	PHAS=	-143.0	FOM=	0.95	TEST=	0
INDE	12	35	41	FOBS=	121.2	SIGMA=	2.0	PHAS=	-171.5	FOM=	0.76	TEST=	1
INDE	12	35	43	FOBS=	62.4	SIGMA=	3.7	PHAS=	25.8	FOM=	0.25	TEST=	0
INDE	12	35	45	FOBS=	72.5	SIGMA=	3.1	PHAS=	-171.0	FOM=	0.68	TEST=	0
INDE	12	35	47	FOBS=	71.8	SIGMA=	3.1	PHAS=	-149.1	FOM=	0.62	TEST=	0
INDE	12	35	49	FOBS=	103.2	SIGMA=	2.2	PHAS=	154.6	FOM=	0.76	TEST=	0
INDE	12	35	51	FOBS=	68.2	SIGMA=	3.2	PHAS=	-10.5	FOM=	0.52	TEST=	0
INDE	12	35	53	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	12	35	55	FOBS=	31.0	SIGMA=	7.5	PHAS=	123.5	FOM=	0.11	TEST=	0
INDE	12	35	57	FOBS=	102.2	SIGMA=	2.1	PHAS=	113.7	FOM=	0.90	TEST=	0
INDE	12	35	59	FOBS=	69.0	SIGMA=	3.1	PHAS=	102.4	FOM=	0.48	TEST=	1
INDE	12	35	61	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	35	63	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	35	65	FOBS=	9.3	SIGMA=	20.4	PHAS=	-14.8	FOM=	0.10	TEST=	0
INDE	12	35	67	FOBS=	28.3	SIGMA=	13.9	PHAS=	-152.9	FOM=	0.69	TEST=	0
INDE	12	36	12	FOBS=	56.3	SIGMA=	2.1	PHAS=	75.1	FOM=	0.78	TEST=	0
INDE	12	36	14	FOBS=	230.7	SIGMA=	0.8	PHAS=	-110.1	FOM=	0.92	TEST=	0
INDE	12	36	16	FOBS=	317.8	SIGMA=	0.7	PHAS=	-151.5	FOM=	0.99	TEST=	0
INDE	12	36	18	FOBS=	130.2	SIGMA=	1.4	PHAS=	-28.2	FOM=	0.85	TEST=	0
INDE	12	36	20	FOBS=	184.5	SIGMA=	1.3	PHAS=	-9.5	FOM=	0.94	TEST=	0

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INDE	12	36	22	FOBS=	62.5	SIGMA=	2.8	PHAS=	76.7	FOM=	0.95	TEST=	0
INDE	12	36	24	FOBS=	44.9	SIGMA=	4.5	PHAS=	79.0	FOM=	0.47	TEST=	0
INDE	12	36	26	FOBS=	153.2	SIGMA=	1.3	PHAS=	-176.5	FOM=	0.97	TEST=	0
INDE	12	36	28	FOBS=	264.7	SIGMA=	1.2	PHAS=	-90.9	FOM=	0.90	TEST=	1
INDE	12	36	30	FOBS=	138.8	SIGMA=	1.7	PHAS=	79.8	FOM=	0.60	TEST=	0
INDE	12	36	32	FOBS=	348.6	SIGMA=	1.0	PHAS=	-13.3	FOM=	0.97	TEST=	0
INDE	12	36	34	FOBS=	259.0	SIGMA=	0.9	PHAS=	-96.4	FOM=	0.96	TEST=	0
INDE	12	36	36	FOBS=	69.1	SIGMA=	2.9	PHAS=	-175.2	FOM=	0.46	TEST=	0
INDE	12	36	38	FOBS=	120.8	SIGMA=	1.7	PHAS=	140.9	FOM=	0.97	TEST=	0
INDE	12	36	40	FOBS=	130.5	SIGMA=	1.7	PHAS=	128.1	FOM=	0.83	TEST=	0
INDE	12	36	42	FOBS=	71.8	SIGMA=	3.2	PHAS=	-138.8	FOM=	0.81	TEST=	0
INDE	12	36	44	FOBS=	68.5	SIGMA=	3.3	PHAS=	17.7	FOM=	0.30	TEST=	0
INDE	12	36	46	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	36	48	FOBS=	138.3	SIGMA=	1.7	PHAS=	126.5	FOM=	0.85	TEST=	1
INDE	12	36	50	FOBS=	56.1	SIGMA=	3.9	PHAS=	123.0	FOM=	0.73	TEST=	0
INDE	12	36	52	FOBS=	41.5	SIGMA=	5.2	PHAS=	175.1	FOM=	0.69	TEST=	0
INDE	12	36	54	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	36	56	FOBS=	51.0	SIGMA=	4.1	PHAS=	-175.8	FOM=	0.51	TEST=	0
INDE	12	36	58	FOBS=	78.0	SIGMA=	2.7	PHAS=	-30.5	FOM=	0.86	TEST=	0
INDE	12	36	60	FOBS=	67.3	SIGMA=	3.1	PHAS=	-54.2	FOM=	0.78	TEST=	0
INDE	12	36	62	FOBS=	40.1	SIGMA=	5.3	PHAS=	-130.5	FOM=	0.03	TEST=	1
INDE	12	36	64	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	12	36	66	FOBS=	82.8	SIGMA=	2.8	PHAS=	-143.8	FOM=	0.90	TEST=	0
INDE	12	37	13	FOBS=	146.6	SIGMA=	1.1	PHAS=	-106.9	FOM=	0.95	TEST=	0
INDE	12	37	15	FOBS=	244.3	SIGMA=	0.8	PHAS=	128.0	FOM=	0.97	TEST=	0
INDE	12	37	17	FOBS=	208.8	SIGMA=	0.9	PHAS=	174.0	FOM=	0.95	TEST=	0
INDE	12	37	19	FOBS=	336.3	SIGMA=	0.7	PHAS=	-171.9	FOM=	0.96	TEST=	0
INDE	12	37	21	FOBS=	218.4	SIGMA=	0.9	PHAS=	51.3	FOM=	0.95	TEST=	0
INDE	12	37	23	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	37	25	FOBS=	152.7	SIGMA=	1.4	PHAS=	109.5	FOM=	0.97	TEST=	0
INDE	12	37	27	FOBS=	112.2	SIGMA=	1.9	PHAS=	-112.0	FOM=	0.96	TEST=	0
INDE	12	37	29	FOBS=	236.7	SIGMA=	1.1	PHAS=	-171.2	FOM=	0.92	TEST=	0
INDE	12	37	31	FOBS=	138.5	SIGMA=	1.7	PHAS=	-86.3	FOM=	0.92	TEST=	0
INDE	12	37	33	FOBS=	141.2	SIGMA=	1.6	PHAS=	164.3	FOM=	0.81	TEST=	0
INDE	12	37	35	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	37	37	FOBS=	77.4	SIGMA=	2.6	PHAS=	113.8	FOM=	0.07	TEST=	0
INDE	12	37	39	FOBS=	196.6	SIGMA=	1.1	PHAS=	49.7	FOM=	0.95	TEST=	0
INDE	12	37	41	FOBS=	138.1	SIGMA=	1.6	PHAS=	71.2	FOM=	0.92	TEST=	0
INDE	12	37	43	FOBS=	138.9	SIGMA=	1.7	PHAS=	125.5	FOM=	0.92	TEST=	1
INDE	12	37	45	FOBS=	34.6	SIGMA=	7.8	PHAS=	38.8	FOM=	0.26	TEST=	0
INDE	12	37	47	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	37	49	FOBS=	36.8	SIGMA=	5.9	PHAS=	77.3	FOM=	0.48	TEST=	0
INDE	12	37	51	FOBS=	59.0	SIGMA=	3.7	PHAS=	50.6	FOM=	0.82	TEST=	0
INDE	12	37	53	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	37	55	FOBS=	36.5	SIGMA=	7.1	PHAS=	-148.1	FOM=	0.37	TEST=	0
INDE	12	37	57	FOBS=	40.9	SIGMA=	5.2	PHAS=	138.3	FOM=	0.66	TEST=	0
INDE	12	37	59	FOBS=	76.9	SIGMA=	3.0	PHAS=	-153.2	FOM=	0.88	TEST=	0
INDE	12	37	61	FOBS=	81.4	SIGMA=	2.6	PHAS=	171.3	FOM=	0.84	TEST=	0
INDE	12	37	63	FOBS=	3.3	SIGMA=	70.9	PHAS=	166.5	FOM=	0.06	TEST=	0
INDE	12	37	65	FOBS=	57.9	SIGMA=	4.0	PHAS=	144.0	FOM=	0.90	TEST=	0
INDE	12	37	67	FOBS=	79.4	SIGMA=	3.0	PHAS=	163.2	FOM=	0.88	TEST=	0
INDE	12	38	12	FOBS=	233.6	SIGMA=	0.7	PHAS=	130.3	FOM=	0.84	TEST=	0
INDE	12	38	14	FOBS=	125.7	SIGMA=	1.3	PHAS=	-1.7	FOM=	0.91	TEST=	0
INDE	12	38	16	FOBS=	57.5	SIGMA=	2.8	PHAS=	-120.3	FOM=	0.55	TEST=	0
INDE	12	38	18	FOBS=	280.9	SIGMA=	1.0	PHAS=	48.8	FOM=	0.94	TEST=	0
INDE	12	38	20	FOBS=	245.8	SIGMA=	0.9	PHAS=	49.1	FOM=	0.95	TEST=	0
INDE	12	38	22	FOBS=	251.6	SIGMA=	0.9	PHAS=	-144.7	FOM=	0.98	TEST=	0
INDE	12	38	24	FOBS=	108.2	SIGMA=	1.9	PHAS=	101.1	FOM=	0.79	TEST=	0
INDE	12	38	26	FOBS=	126.7	SIGMA=	1.7	PHAS=	-121.9	FOM=	0.86	TEST=	0
INDE	12	38	28	FOBS=	211.9	SIGMA=	1.1	PHAS=	-95.3	FOM=	0.95	TEST=	0
INDE	12	38	30	FOBS=	210.5	SIGMA=	1.2	PHAS=	123.7	FOM=	0.94	TEST=	0
INDE	12	38	32	FOBS=	138.0	SIGMA=	1.7	PHAS=	7.1	FOM=	0.83	TEST=	0
INDE	12	38	34	FOBS=	42.4	SIGMA=	5.8	PHAS=	56.4	FOM=	0.78	TEST=	0
INDE	12	38	36	FOBS=	61.5	SIGMA=	3.5	PHAS=	107.0	FOM=	0.86	TEST=	0
INDE	12	38	38	FOBS=	78.0	SIGMA=	2.5	PHAS=	-74.1	FOM=	0.84	TEST=	0
INDE	12	38	40	FOBS=	134.1	SIGMA=	1.5	PHAS=	-17.1	FOM=	0.89	TEST=	0
INDE	12	38	42	FOBS=	146.6	SIGMA=	1.5	PHAS=	4.2	FOM=	0.96	TEST=	0
INDE	12	38	44	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	38	46	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	12	38	48	FOBS=	70.1	SIGMA=	3.2	PHAS=	82.3	FOM=	0.58	TEST=	0

INDE	12	38	50	FOBS=	45.8	SIGMA=	4.7	PHAS=	114.8	FOM=	0.58	TEST=	0
INDE	12	38	52	FOBS=	33.8	SIGMA=	7.2	PHAS=	30.4	FOM=	0.60	TEST=	0
INDE	12	38	54	FOBS=	37.4	SIGMA=	5.7	PHAS=	144.9	FOM=	0.74	TEST=	0
INDE	12	38	56	FOBS=	77.5	SIGMA=	2.8	PHAS=	156.6	FOM=	0.60	TEST=	0
INDE	12	38	58	FOBS=	67.5	SIGMA=	3.2	PHAS=	5.9	FOM=	0.87	TEST=	0
INDE	12	38	60	FOBS=	82.4	SIGMA=	2.6	PHAS=	110.9	FOM=	0.89	TEST=	0
INDE	12	38	62	FOBS=	73.5	SIGMA=	2.9	PHAS=	-19.0	FOM=	0.23	TEST=	0
INDE	12	38	64	FOBS=	50.7	SIGMA=	4.7	PHAS=	95.2	FOM=	0.83	TEST=	0
INDE	12	38	66	FOBS=	48.8	SIGMA=	4.9	PHAS=	1.6	FOM=	0.79	TEST=	0
INDE	12	39	13	FOBS=	71.3	SIGMA=	2.3	PHAS=	-96.9	FOM=	0.61	TEST=	0
INDE	12	39	15	FOBS=	134.8	SIGMA=	1.3	PHAS=	-177.9	FOM=	0.92	TEST=	1
INDE	12	39	17	FOBS=	72.9	SIGMA=	2.4	PHAS=	-142.9	FOM=	0.93	TEST=	0
INDE	12	39	19	FOBS=	137.7	SIGMA=	1.5	PHAS=	-109.9	FOM=	0.93	TEST=	0
INDE	12	39	21	FOBS=	194.3	SIGMA=	1.1	PHAS=	69.8	FOM=	0.91	TEST=	0
INDE	12	39	23	FOBS=	147.8	SIGMA=	1.5	PHAS=	45.1	FOM=	0.97	TEST=	0
INDE	12	39	25	FOBS=	206.0	SIGMA=	1.1	PHAS=	124.8	FOM=	0.96	TEST=	0
INDE	12	39	27	FOBS=	342.2	SIGMA=	0.8	PHAS=	-170.3	FOM=	0.98	TEST=	0
INDE	12	39	29	FOBS=	103.8	SIGMA=	1.9	PHAS=	-94.7	FOM=	0.93	TEST=	0
INDE	12	39	31	FOBS=	149.0	SIGMA=	1.6	PHAS=	-46.1	FOM=	0.90	TEST=	0
INDE	12	39	33	FOBS=	257.6	SIGMA=	1.1	PHAS=	-31.8	FOM=	0.98	TEST=	0
INDE	12	39	35	FOBS=	163.1	SIGMA=	1.4	PHAS=	-5.4	FOM=	0.94	TEST=	0
INDE	12	39	37	FOBS=	147.8	SIGMA=	1.4	PHAS=	178.3	FOM=	0.92	TEST=	0
INDE	12	39	39	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	12	39	41	FOBS=	86.6	SIGMA=	2.2	PHAS=	-55.6	FOM=	0.90	TEST=	0
INDE	12	39	43	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	39	45	FOBS=	116.4	SIGMA=	2.0	PHAS=	-137.9	FOM=	0.94	TEST=	0
INDE	12	39	47	FOBS=	65.8	SIGMA=	3.4	PHAS=	164.9	FOM=	0.36	TEST=	0
INDE	12	39	49	FOBS=	154.4	SIGMA=	1.5	PHAS=	-38.4	FOM=	0.32	TEST=	1
INDE	12	39	51	FOBS=	43.6	SIGMA=	5.0	PHAS=	-37.8	FOM=	0.61	TEST=	0
INDE	12	39	53	FOBS=	33.9	SIGMA=	6.4	PHAS=	18.7	FOM=	0.70	TEST=	0
INDE	12	39	55	FOBS=	75.9	SIGMA=	2.9	PHAS=	34.0	FOM=	0.75	TEST=	0
INDE	12	39	57	FOBS=	16.1	SIGMA=	14.4	PHAS=	47.3	FOM=	0.16	TEST=	0
INDE	12	39	59	FOBS=	60.5	SIGMA=	3.5	PHAS=	-132.8	FOM=	0.84	TEST=	0
INDE	12	39	61	FOBS=	47.4	SIGMA=	4.5	PHAS=	-24.2	FOM=	0.71	TEST=	0
INDE	12	39	63	FOBS=	97.6	SIGMA=	2.5	PHAS=	52.3	FOM=	0.23	TEST=	1
INDE	12	39	65	FOBS=	78.4	SIGMA=	2.8	PHAS=	-114.2	FOM=	0.87	TEST=	0
INDE	12	40	12	FOBS=	303.9	SIGMA=	0.9	PHAS=	49.5	FOM=	0.96	TEST=	0
INDE	12	40	14	FOBS=	74.3	SIGMA=	2.3	PHAS=	-48.7	FOM=	0.49	TEST=	1
INDE	12	40	16	FOBS=	181.0	SIGMA=	1.1	PHAS=	-145.1	FOM=	0.94	TEST=	0
INDE	12	40	18	FOBS=	302.7	SIGMA=	0.8	PHAS=	118.0	FOM=	0.98	TEST=	0
INDE	12	40	20	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	40	22	FOBS=	152.7	SIGMA=	1.4	PHAS=	-95.7	FOM=	0.86	TEST=	0
INDE	12	40	24	FOBS=	108.7	SIGMA=	2.0	PHAS=	62.2	FOM=	0.89	TEST=	0
INDE	12	40	26	FOBS=	142.6	SIGMA=	1.6	PHAS=	55.9	FOM=	0.82	TEST=	0
INDE	12	40	28	FOBS=	227.7	SIGMA=	1.1	PHAS=	94.9	FOM=	0.94	TEST=	0
INDE	12	40	30	FOBS=	89.9	SIGMA=	2.2	PHAS=	-54.4	FOM=	0.90	TEST=	0
INDE	12	40	32	FOBS=	357.4	SIGMA=	0.8	PHAS=	-155.3	FOM=	0.98	TEST=	0
INDE	12	40	34	FOBS=	33.5	SIGMA=	6.3	PHAS=	5.6	FOM=	0.13	TEST=	0
INDE	12	40	36	FOBS=	194.4	SIGMA=	1.1	PHAS=	-7.6	FOM=	0.98	TEST=	0
INDE	12	40	38	FOBS=	100.3	SIGMA=	2.0	PHAS=	131.5	FOM=	0.72	TEST=	0
INDE	12	40	40	FOBS=	89.2	SIGMA=	2.2	PHAS=	16.2	FOM=	0.75	TEST=	0
INDE	12	40	42	FOBS=	46.5	SIGMA=	4.0	PHAS=	-111.8	FOM=	0.55	TEST=	0
INDE	12	40	44	FOBS=	112.3	SIGMA=	1.9	PHAS=	142.1	FOM=	0.91	TEST=	0
INDE	12	40	46	FOBS=	99.5	SIGMA=	2.3	PHAS=	103.1	FOM=	0.91	TEST=	0
INDE	12	40	48	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	12	40	50	FOBS=	39.7	SIGMA=	5.5	PHAS=	44.1	FOM=	0.55	TEST=	0
INDE	12	40	52	FOBS=	83.2	SIGMA=	2.6	PHAS=	-88.1	FOM=	0.67	TEST=	0
INDE	12	40	54	FOBS=	50.7	SIGMA=	4.3	PHAS=	-33.1	FOM=	0.72	TEST=	0
INDE	12	40	56	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	40	58	FOBS=	37.4	SIGMA=	6.1	PHAS=	93.7	FOM=	0.44	TEST=	0
INDE	12	40	60	FOBS=	100.0	SIGMA=	2.2	PHAS=	122.1	FOM=	0.93	TEST=	0
INDE	12	40	62	FOBS=	39.8	SIGMA=	5.5	PHAS=	-86.1	FOM=	0.81	TEST=	0
INDE	12	40	64	FOBS=	101.1	SIGMA=	2.8	PHAS=	147.4	FOM=	0.95	TEST=	0
INDE	12	41	13	FOBS=	125.3	SIGMA=	1.5	PHAS=	-74.9	FOM=	0.80	TEST=	0
INDE	12	41	15	FOBS=	103.8	SIGMA=	1.8	PHAS=	-29.2	FOM=	0.74	TEST=	0
INDE	12	41	17	FOBS=	132.4	SIGMA=	1.5	PHAS=	55.4	FOM=	0.88	TEST=	0
INDE	12	41	19	FOBS=	102.9	SIGMA=	2.1	PHAS=	33.2	FOM=	0.96	TEST=	0
INDE	12	41	21	FOBS=	216.6	SIGMA=	1.1	PHAS=	175.7	FOM=	0.93	TEST=	0
INDE	12	41	23	FOBS=	170.7	SIGMA=	1.3	PHAS=	12.9	FOM=	0.91	TEST=	0
INDE	12	41	25	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	12	41	27	FOBS=	212.8	SIGMA=	1.1	PHAS=	-40.2	FOM=	0.98	TEST=	0
INDE	12	41	29	FOBS=	365.0	SIGMA=	0.9	PHAS=	-46.8	FOM=	0.98	TEST=	0
INDE	12	41	31	FOBS=	164.5	SIGMA=	1.2	PHAS=	115.8	FOM=	0.94	TEST=	0
INDE	12	41	33	FOBS=	220.7	SIGMA=	1.1	PHAS=	18.6	FOM=	0.96	TEST=	0
INDE	12	41	35	FOBS=	197.3	SIGMA=	1.1	PHAS=	-76.9	FOM=	0.94	TEST=	0
INDE	12	41	37	FOBS=	61.1	SIGMA=	3.2	PHAS=	-54.4	FOM=	0.91	TEST=	0
INDE	12	41	39	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	41	41	FOBS=	104.5	SIGMA=	1.9	PHAS=	-101.9	FOM=	0.64	TEST=	0
INDE	12	41	43	FOBS=	127.2	SIGMA=	1.5	PHAS=	21.4	FOM=	0.95	TEST=	0
INDE	12	41	45	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	41	47	FOBS=	31.1	SIGMA=	7.1	PHAS=	-140.1	FOM=	0.02	TEST=	1
INDE	12	41	49	FOBS=	88.5	SIGMA=	2.6	PHAS=	10.8	FOM=	0.86	TEST=	0
INDE	12	41	51	FOBS=	101.2	SIGMA=	2.2	PHAS=	-26.7	FOM=	0.93	TEST=	0
INDE	12	41	53	FOBS=	77.0	SIGMA=	2.9	PHAS=	170.2	FOM=	0.57	TEST=	1
INDE	12	41	55	FOBS=	57.6	SIGMA=	3.8	PHAS=	-83.7	FOM=	0.71	TEST=	0
INDE	12	41	57	FOBS=	0.0	SIGMA=	26.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	41	59	FOBS=	119.2	SIGMA=	1.9	PHAS=	30.1	FOM=	0.94	TEST=	0
INDE	12	41	61	FOBS=	77.8	SIGMA=	2.8	PHAS=	-22.7	FOM=	0.88	TEST=	0
INDE	12	41	63	FOBS=	84.9	SIGMA=	3.2	PHAS=	-174.8	FOM=	0.90	TEST=	0
INDE	12	42	12	FOBS=	392.6	SIGMA=	0.8	PHAS=	88.4	FOM=	0.98	TEST=	0
INDE	12	42	14	FOBS=	142.1	SIGMA=	1.4	PHAS=	-122.8	FOM=	0.91	TEST=	0
INDE	12	42	16	FOBS=	256.4	SIGMA=	0.9	PHAS=	-109.9	FOM=	0.95	TEST=	0
INDE	12	42	18	FOBS=	235.4	SIGMA=	1.0	PHAS=	12.9	FOM=	0.69	TEST=	1
INDE	12	42	20	FOBS=	167.8	SIGMA=	1.4	PHAS=	113.0	FOM=	0.91	TEST=	0
INDE	12	42	22	FOBS=	106.6	SIGMA=	2.0	PHAS=	54.5	FOM=	0.43	TEST=	1
INDE	12	42	24	FOBS=	98.6	SIGMA=	2.2	PHAS=	-166.5	FOM=	0.85	TEST=	0
INDE	12	42	26	FOBS=	166.2	SIGMA=	1.4	PHAS=	-122.2	FOM=	0.97	TEST=	0
INDE	12	42	28	FOBS=	223.4	SIGMA=	1.1	PHAS=	-178.3	FOM=	0.93	TEST=	0
INDE	12	42	30	FOBS=	166.3	SIGMA=	1.3	PHAS=	-92.7	FOM=	0.91	TEST=	0
INDE	12	42	32	FOBS=	232.8	SIGMA=	0.9	PHAS=	-134.6	FOM=	0.92	TEST=	0
INDE	12	42	34	FOBS=	28.1	SIGMA=	8.3	PHAS=	162.4	FOM=	0.09	TEST=	0
INDE	12	42	36	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	42	38	FOBS=	176.1	SIGMA=	1.2	PHAS=	-82.9	FOM=	0.93	TEST=	0
INDE	12	42	40	FOBS=	32.0	SIGMA=	6.1	PHAS=	40.3	FOM=	0.39	TEST=	0
INDE	12	42	42	FOBS=	27.0	SIGMA=	7.6	PHAS=	-109.6	FOM=	0.32	TEST=	0
INDE	12	42	44	FOBS=	62.6	SIGMA=	3.0	PHAS=	80.2	FOM=	0.93	TEST=	0
INDE	12	42	46	FOBS=	93.0	SIGMA=	2.2	PHAS=	78.4	FOM=	0.81	TEST=	0
INDE	12	42	48	FOBS=	49.0	SIGMA=	4.5	PHAS=	78.8	FOM=	0.43	TEST=	0
INDE	12	42	50	FOBS=	66.3	SIGMA=	3.4	PHAS=	-62.3	FOM=	0.65	TEST=	0
INDE	12	42	52	FOBS=	35.5	SIGMA=	6.1	PHAS=	-56.8	FOM=	0.74	TEST=	0
INDE	12	42	54	FOBS=	7.2	SIGMA=	29.9	PHAS=	34.4	FOM=	0.25	TEST=	0
INDE	12	42	56	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	42	58	FOBS=	44.1	SIGMA=	4.9	PHAS=	-54.0	FOM=	0.72	TEST=	0
INDE	12	42	60	FOBS=	48.9	SIGMA=	4.5	PHAS=	-65.8	FOM=	0.74	TEST=	0
INDE	12	42	62	FOBS=	49.4	SIGMA=	5.5	PHAS=	-154.5	FOM=	0.77	TEST=	0
INDE	12	42	64	FOBS=	112.8	SIGMA=	2.5	PHAS=	147.3	FOM=	0.93	TEST=	0
INDE	12	43	13	FOBS=	149.7	SIGMA=	1.8	PHAS=	29.0	FOM=	0.97	TEST=	0
INDE	12	43	15	FOBS=	192.1	SIGMA=	1.1	PHAS=	132.9	FOM=	0.81	TEST=	0
INDE	12	43	17	FOBS=	111.9	SIGMA=	1.9	PHAS=	-110.0	FOM=	0.92	TEST=	0
INDE	12	43	19	FOBS=	221.4	SIGMA=	1.1	PHAS=	-69.3	FOM=	0.96	TEST=	0
INDE	12	43	21	FOBS=	120.7	SIGMA=	1.8	PHAS=	98.5	FOM=	0.92	TEST=	0
INDE	12	43	23	FOBS=	97.3	SIGMA=	2.2	PHAS=	119.4	FOM=	0.55	TEST=	1
INDE	12	43	25	FOBS=	192.5	SIGMA=	1.2	PHAS=	-160.2	FOM=	0.92	TEST=	0
INDE	12	43	27	FOBS=	114.9	SIGMA=	2.1	PHAS=	-101.7	FOM=	0.41	TEST=	1
INDE	12	43	29	FOBS=	63.4	SIGMA=	3.3	PHAS=	-33.7	FOM=	0.71	TEST=	0
INDE	12	43	31	FOBS=	100.6	SIGMA=	2.0	PHAS=	92.7	FOM=	0.88	TEST=	0
INDE	12	43	33	FOBS=	126.6	SIGMA=	1.8	PHAS=	-65.5	FOM=	0.64	TEST=	1
INDE	12	43	35	FOBS=	42.9	SIGMA=	5.0	PHAS=	3.3	FOM=	0.58	TEST=	0
INDE	12	43	37	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	43	39	FOBS=	130.2	SIGMA=	1.6	PHAS=	-162.9	FOM=	0.91	TEST=	0
INDE	12	43	41	FOBS=	39.8	SIGMA=	5.6	PHAS=	-19.5	FOM=	0.17	TEST=	0
INDE	12	43	43	FOBS=	115.3	SIGMA=	1.7	PHAS=	-19.0	FOM=	0.89	TEST=	0
INDE	12	43	45	FOBS=	125.1	SIGMA=	1.5	PHAS=	-47.4	FOM=	0.94	TEST=	0
INDE	12	43	47	FOBS=	109.6	SIGMA=	1.9	PHAS=	-31.0	FOM=	0.90	TEST=	0
INDE	12	43	49	FOBS=	52.6	SIGMA=	4.2	PHAS=	53.0	FOM=	0.65	TEST=	0
INDE	12	43	51	FOBS=	57.0	SIGMA=	3.9	PHAS=	-23.2	FOM=	0.85	TEST=	0
INDE	12	43	53	FOBS=	55.8	SIGMA=	3.9	PHAS=	58.3	FOM=	0.67	TEST=	0
INDE	12	43	55	FOBS=	49.3	SIGMA=	4.4	PHAS=	169.8	FOM=	0.66	TEST=	0
INDE	12	43	57	FOBS=	27.3	SIGMA=	8.1	PHAS=	-1.1	FOM=	0.35	TEST=	0
INDE	12	43	59	FOBS=	44.9	SIGMA=	5.4	PHAS=	146.9	FOM=	0.70	TEST=	0

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INDE	12	43	61	FOBS=	0.0	SIGMA=	25.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	43	63	FOBS=	59.9	SIGMA=	4.7	PHAS=	-110.5	FOM=	0.14	TEST=	1
INDE	12	44	12	FOBS=	80.3	SIGMA=	3.3	PHAS=	14.3	FOM=	0.66	TEST=	0
INDE	12	44	14	FOBS=	172.9	SIGMA=	1.3	PHAS=	-110.0	FOM=	0.98	TEST=	0
INDE	12	44	16	FOBS=	108.1	SIGMA=	2.0	PHAS=	100.0	FOM=	0.91	TEST=	0
INDE	12	44	18	FOBS=	239.4	SIGMA=	1.0	PHAS=	-84.6	FOM=	0.96	TEST=	0
INDE	12	44	20	FOBS=	165.0	SIGMA=	1.5	PHAS=	-173.3	FOM=	0.81	TEST=	0
INDE	12	44	22	FOBS=	43.7	SIGMA=	5.3	PHAS=	10.4	FOM=	0.59	TEST=	0
INDE	12	44	24	FOBS=	136.2	SIGMA=	1.6	PHAS=	179.8	FOM=	0.87	TEST=	0
INDE	12	44	26	FOBS=	73.2	SIGMA=	2.9	PHAS=	-142.2	FOM=	0.89	TEST=	0
INDE	12	44	28	FOBS=	102.6	SIGMA=	2.1	PHAS=	87.9	FOM=	0.88	TEST=	0
INDE	12	44	30	FOBS=	149.7	SIGMA=	1.5	PHAS=	-116.4	FOM=	0.88	TEST=	1
INDE	12	44	32	FOBS=	237.8	SIGMA=	0.9	PHAS=	-108.0	FOM=	0.97	TEST=	0
INDE	12	44	34	FOBS=	46.4	SIGMA=	4.6	PHAS=	48.5	FOM=	0.19	TEST=	1
INDE	12	44	36	FOBS=	77.3	SIGMA=	2.6	PHAS=	165.8	FOM=	0.82	TEST=	0
INDE	12	44	38	FOBS=	111.5	SIGMA=	1.8	PHAS=	163.8	FOM=	0.89	TEST=	0
INDE	12	44	40	FOBS=	67.0	SIGMA=	2.9	PHAS=	-9.1	FOM=	0.69	TEST=	0
INDE	12	44	42	FOBS=	31.0	SIGMA=	6.5	PHAS=	-39.2	FOM=	0.34	TEST=	0
INDE	12	44	44	FOBS=	114.4	SIGMA=	1.7	PHAS=	-136.9	FOM=	0.94	TEST=	0
INDE	12	44	46	FOBS=	107.7	SIGMA=	1.8	PHAS=	-141.9	FOM=	0.95	TEST=	0
INDE	12	44	48	FOBS=	69.0	SIGMA=	3.0	PHAS=	-158.3	FOM=	0.16	TEST=	1
INDE	12	44	50	FOBS=	55.4	SIGMA=	4.0	PHAS=	-39.4	FOM=	0.66	TEST=	0
INDE	12	44	52	FOBS=	59.1	SIGMA=	3.8	PHAS=	-83.2	FOM=	0.84	TEST=	0
INDE	12	44	54	FOBS=	72.2	SIGMA=	3.1	PHAS=	37.6	FOM=	0.86	TEST=	0
INDE	12	44	56	FOBS=	24.9	SIGMA=	11.0	PHAS=	4.6	FOM=	0.50	TEST=	0
INDE	12	44	58	FOBS=	64.1	SIGMA=	3.5	PHAS=	-15.8	FOM=	0.86	TEST=	0
INDE	12	44	60	FOBS=	0.0	SIGMA=	28.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	44	62	FOBS=	62.8	SIGMA=	4.5	PHAS=	-172.9	FOM=	0.72	TEST=	0
INDE	12	45	13	FOBS=	149.6	SIGMA=	2.0	PHAS=	104.8	FOM=	0.85	TEST=	0
INDE	12	45	15	FOBS=	106.5	SIGMA=	2.0	PHAS=	92.7	FOM=	0.75	TEST=	0
INDE	12	45	17	FOBS=	84.1	SIGMA=	2.5	PHAS=	-82.6	FOM=	0.93	TEST=	0
INDE	12	45	19	FOBS=	226.1	SIGMA=	1.1	PHAS=	-168.6	FOM=	0.94	TEST=	0
INDE	12	45	21	FOBS=	124.7	SIGMA=	1.7	PHAS=	125.0	FOM=	0.83	TEST=	0
INDE	12	45	23	FOBS=	102.5	SIGMA=	2.1	PHAS=	120.1	FOM=	0.92	TEST=	0
INDE	12	45	25	FOBS=	48.3	SIGMA=	4.3	PHAS=	166.3	FOM=	0.60	TEST=	0
INDE	12	45	27	FOBS=	162.1	SIGMA=	1.4	PHAS=	-68.6	FOM=	0.88	TEST=	1
INDE	12	45	29	FOBS=	112.2	SIGMA=	1.9	PHAS=	50.1	FOM=	0.96	TEST=	0
INDE	12	45	31	FOBS=	162.3	SIGMA=	1.4	PHAS=	159.2	FOM=	0.94	TEST=	0
INDE	12	45	33	FOBS=	61.8	SIGMA=	3.0	PHAS=	-169.0	FOM=	0.51	TEST=	0
INDE	12	45	35	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	45	37	FOBS=	92.3	SIGMA=	2.1	PHAS=	139.6	FOM=	0.76	TEST=	1
INDE	12	45	39	FOBS=	111.6	SIGMA=	1.8	PHAS=	86.5	FOM=	0.90	TEST=	0
INDE	12	45	41	FOBS=	112.6	SIGMA=	1.8	PHAS=	-67.2	FOM=	0.40	TEST=	1
INDE	12	45	43	FOBS=	71.1	SIGMA=	2.7	PHAS=	135.2	FOM=	0.89	TEST=	0
INDE	12	45	45	FOBS=	115.0	SIGMA=	1.7	PHAS=	97.0	FOM=	0.90	TEST=	0
INDE	12	45	47	FOBS=	59.2	SIGMA=	3.1	PHAS=	40.7	FOM=	0.65	TEST=	0
INDE	12	45	49	FOBS=	62.3	SIGMA=	3.3	PHAS=	155.0	FOM=	0.56	TEST=	0
INDE	12	45	51	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	45	53	FOBS=	66.2	SIGMA=	3.4	PHAS=	-45.4	FOM=	0.83	TEST=	0
INDE	12	45	55	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	45	57	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	45	59	FOBS=	55.8	SIGMA=	4.0	PHAS=	107.0	FOM=	0.45	TEST=	0
INDE	12	45	61	FOBS=	44.5	SIGMA=	7.4	PHAS=	124.7	FOM=	0.65	TEST=	0
INDE	12	46	12	FOBS=	214.7	SIGMA=	1.4	PHAS=	-30.0	FOM=	0.96	TEST=	0
INDE	12	46	14	FOBS=	81.4	SIGMA=	3.4	PHAS=	-153.8	FOM=	0.11	TEST=	0
INDE	12	46	16	FOBS=	104.8	SIGMA=	2.0	PHAS=	170.8	FOM=	0.93	TEST=	0
INDE	12	46	18	FOBS=	69.0	SIGMA=	3.0	PHAS=	-91.8	FOM=	0.42	TEST=	0
INDE	12	46	20	FOBS=	68.8	SIGMA=	3.3	PHAS=	97.0	FOM=	0.63	TEST=	0
INDE	12	46	22	FOBS=	124.6	SIGMA=	1.7	PHAS=	13.2	FOM=	0.80	TEST=	0
INDE	12	46	24	FOBS=	57.8	SIGMA=	3.6	PHAS=	-1.2	FOM=	0.28	TEST=	0
INDE	12	46	26	FOBS=	105.7	SIGMA=	2.0	PHAS=	73.5	FOM=	0.91	TEST=	0
INDE	12	46	28	FOBS=	0.0	SIGMA=	24.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	46	30	FOBS=	68.8	SIGMA=	3.0	PHAS=	114.9	FOM=	0.90	TEST=	0
INDE	12	46	32	FOBS=	114.6	SIGMA=	1.9	PHAS=	176.5	FOM=	0.91	TEST=	1
INDE	12	46	34	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	46	36	FOBS=	60.6	SIGMA=	3.5	PHAS=	100.8	FOM=	0.87	TEST=	0
INDE	12	46	38	FOBS=	66.8	SIGMA=	2.8	PHAS=	52.0	FOM=	0.77	TEST=	0
INDE	12	46	40	FOBS=	30.8	SIGMA=	7.3	PHAS=	-70.4	FOM=	0.22	TEST=	0
INDE	12	46	42	FOBS=	119.0	SIGMA=	1.7	PHAS=	31.2	FOM=	0.91	TEST=	0
INDE	12	46	44	FOBS=	104.7	SIGMA=	1.9	PHAS=	-56.1	FOM=	0.76	TEST=	1

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INDE	12	46	46	FOBS=	28.8	SIGMA=	6.9	PHAS=	-90.3	FOM=	0.41	TEST=	0
INDE	12	46	48	FOBS=	39.0	SIGMA=	5.4	PHAS=	39.0	FOM=	0.57	TEST=	0
INDE	12	46	50	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	46	52	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	46	54	FOBS=	51.7	SIGMA=	4.3	PHAS=	-106.2	FOM=	0.18	TEST=	1
INDE	12	46	56	FOBS=	32.4	SIGMA=	8.2	PHAS=	-70.9	FOM=	0.32	TEST=	0
INDE	12	46	58	FOBS=	61.0	SIGMA=	3.7	PHAS=	5.2	FOM=	0.87	TEST=	0
INDE	12	46	60	FOBS=	21.7	SIGMA=	15.1	PHAS=	16.3	FOM=	0.66	TEST=	0
INDE	12	47	13	FOBS=	127.7	SIGMA=	2.2	PHAS=	-149.7	FOM=	0.86	TEST=	0
INDE	12	47	15	FOBS=	116.1	SIGMA=	1.8	PHAS=	51.1	FOM=	0.85	TEST=	0
INDE	12	47	17	FOBS=	97.0	SIGMA=	2.2	PHAS=	106.1	FOM=	0.87	TEST=	0
INDE	12	47	19	FOBS=	92.8	SIGMA=	2.3	PHAS=	-149.6	FOM=	0.85	TEST=	0
INDE	12	47	21	FOBS=	123.7	SIGMA=	1.7	PHAS=	-106.2	FOM=	0.37	TEST=	1
INDE	12	47	23	FOBS=	89.9	SIGMA=	2.3	PHAS=	129.4	FOM=	0.54	TEST=	0
INDE	12	47	25	FOBS=	161.3	SIGMA=	1.4	PHAS=	-24.8	FOM=	0.92	TEST=	0
INDE	12	47	27	FOBS=	186.1	SIGMA=	1.2	PHAS=	-58.5	FOM=	0.94	TEST=	0
INDE	12	47	29	FOBS=	15.4	SIGMA=	16.0	PHAS=	15.1	FOM=	0.19	TEST=	0
INDE	12	47	31	FOBS=	55.9	SIGMA=	3.7	PHAS=	8.2	FOM=	0.75	TEST=	0
INDE	12	47	33	FOBS=	30.4	SIGMA=	6.3	PHAS=	95.0	FOM=	0.30	TEST=	0
INDE	12	47	35	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	47	37	FOBS=	74.9	SIGMA=	2.9	PHAS=	38.7	FOM=	0.91	TEST=	0
INDE	12	47	39	FOBS=	109.9	SIGMA=	1.8	PHAS=	32.3	FOM=	0.92	TEST=	0
INDE	12	47	41	FOBS=	82.1	SIGMA=	2.4	PHAS=	108.1	FOM=	0.03	TEST=	1
INDE	12	47	43	FOBS=	68.5	SIGMA=	2.8	PHAS=	-134.1	FOM=	0.82	TEST=	0
INDE	12	47	45	FOBS=	62.8	SIGMA=	3.0	PHAS=	163.0	FOM=	0.74	TEST=	0
INDE	12	47	47	FOBS=	123.9	SIGMA=	1.6	PHAS=	-32.5	FOM=	0.90	TEST=	0
INDE	12	47	49	FOBS=	45.2	SIGMA=	4.5	PHAS=	-81.7	FOM=	0.61	TEST=	0
INDE	12	47	51	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	47	53	FOBS=	52.4	SIGMA=	4.3	PHAS=	-104.6	FOM=	0.76	TEST=	0
INDE	12	47	55	FOBS=	37.3	SIGMA=	6.5	PHAS=	169.8	FOM=	0.79	TEST=	0
INDE	12	47	57	FOBS=	44.3	SIGMA=	6.2	PHAS=	-83.9	FOM=	0.41	TEST=	0
INDE	12	47	59	FOBS=	23.7	SIGMA=	11.7	PHAS=	-107.4	FOM=	0.45	TEST=	0
INDE	12	48	12	FOBS=	100.9	SIGMA=	2.8	PHAS=	-85.1	FOM=	0.76	TEST=	1
INDE	12	48	14	FOBS=	114.3	SIGMA=	2.4	PHAS=	103.2	FOM=	0.84	TEST=	1
INDE	12	48	16	FOBS=	223.4	SIGMA=	1.0	PHAS=	-21.7	FOM=	0.94	TEST=	0
INDE	12	48	18	FOBS=	72.2	SIGMA=	2.9	PHAS=	132.1	FOM=	0.85	TEST=	0
INDE	12	48	20	FOBS=	140.0	SIGMA=	1.5	PHAS=	-174.8	FOM=	0.91	TEST=	0
INDE	12	48	22	FOBS=	169.8	SIGMA=	1.3	PHAS=	-104.2	FOM=	0.97	TEST=	0
INDE	12	48	24	FOBS=	39.5	SIGMA=	5.2	PHAS=	-165.7	FOM=	0.15	TEST=	0
INDE	12	48	26	FOBS=	83.7	SIGMA=	2.5	PHAS=	164.0	FOM=	0.90	TEST=	0
INDE	12	48	28	FOBS=	43.3	SIGMA=	4.7	PHAS=	-116.4	FOM=	0.39	TEST=	0
INDE	12	48	30	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	48	32	FOBS=	98.7	SIGMA=	2.1	PHAS=	171.3	FOM=	0.92	TEST=	0
INDE	12	48	34	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	48	36	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	48	38	FOBS=	87.9	SIGMA=	2.3	PHAS=	-7.7	FOM=	0.91	TEST=	0
INDE	12	48	40	FOBS=	54.3	SIGMA=	3.5	PHAS=	-62.4	FOM=	0.66	TEST=	0
INDE	12	48	42	FOBS=	47.7	SIGMA=	4.4	PHAS=	56.4	FOM=	0.33	TEST=	1
INDE	12	48	44	FOBS=	62.0	SIGMA=	3.1	PHAS=	48.0	FOM=	0.85	TEST=	0
INDE	12	48	46	FOBS=	51.2	SIGMA=	3.7	PHAS=	-173.7	FOM=	0.67	TEST=	0
INDE	12	48	48	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	48	50	FOBS=	11.7	SIGMA=	20.5	PHAS=	149.4	FOM=	0.25	TEST=	0
INDE	12	48	52	FOBS=	7.7	SIGMA=	28.5	PHAS=	-81.4	FOM=	0.17	TEST=	1
INDE	12	48	54	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	48	56	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	48	58	FOBS=	45.3	SIGMA=	6.1	PHAS=	57.1	FOM=	0.47	TEST=	0
INDE	12	48	60	FOBS=	0.0	SIGMA=	28.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	12	49	13	FOBS=	61.5	SIGMA=	4.3	PHAS=	127.1	FOM=	0.69	TEST=	0
INDE	12	49	15	FOBS=	138.4	SIGMA=	2.0	PHAS=	40.4	FOM=	0.86	TEST=	0
INDE	12	49	17	FOBS=	65.0	SIGMA=	3.1	PHAS=	78.5	FOM=	0.72	TEST=	0
INDE	12	49	19	FOBS=	86.1	SIGMA=	2.4	PHAS=	87.6	FOM=	0.30	TEST=	1
INDE	12	49	21	FOBS=	99.4	SIGMA=	2.2	PHAS=	156.0	FOM=	0.92	TEST=	0
INDE	12	49	23	FOBS=	150.7	SIGMA=	1.4	PHAS=	168.6	FOM=	0.90	TEST=	0
INDE	12	49	25	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	49	27	FOBS=	178.9	SIGMA=	1.3	PHAS=	33.4	FOM=	0.96	TEST=	0
INDE	12	49	29	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	49	31	FOBS=	114.3	SIGMA=	1.9	PHAS=	28.7	FOM=	0.90	TEST=	0
INDE	12	49	33	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	49	35	FOBS=	85.5	SIGMA=	2.2	PHAS=	-175.3	FOM=	0.85	TEST=	0
INDE	12	49	37	FOBS=	112.8	SIGMA=	1.7	PHAS=	29.1	FOM=	0.97	TEST=	0

INDE	12	49	39	FOBS=	42.6	SIGMA=	4.4	PHAS=	-77.5	FOM=	0.76	TEST=	0
INDE	12	49	41	FOBS=	37.6	SIGMA=	5.6	PHAS=	153.6	FOM=	0.75	TEST=	0
INDE	12	49	43	FOBS=	65.9	SIGMA=	2.9	PHAS=	-83.4	FOM=	0.85	TEST=	0
INDE	12	49	45	FOBS=	19.3	SIGMA=	10.8	PHAS=	-33.2	FOM=	0.22	TEST=	0
INDE	12	49	47	FOBS=	43.5	SIGMA=	4.3	PHAS=	27.7	FOM=	0.40	TEST=	0
INDE	12	49	49	FOBS=	38.5	SIGMA=	5.4	PHAS=	-79.6	FOM=	0.69	TEST=	0
INDE	12	49	51	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	49	53	FOBS=	44.6	SIGMA=	5.0	PHAS=	170.6	FOM=	0.37	TEST=	0
INDE	12	49	55	FOBS=	35.5	SIGMA=	6.9	PHAS=	179.2	FOM=	0.53	TEST=	0
INDE	12	49	57	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	49	59	FOBS=	31.4	SIGMA=	10.8	PHAS=	75.7	FOM=	0.21	TEST=	0
INDE	12	50	12	FOBS=	111.8	SIGMA=	2.5	PHAS=	17.3	FOM=	0.11	TEST=	1
INDE	12	50	14	FOBS=	208.0	SIGMA=	1.4	PHAS=	23.6	FOM=	0.81	TEST=	1
INDE	12	50	16	FOBS=	220.4	SIGMA=	1.0	PHAS=	-27.0	FOM=	0.95	TEST=	0
INDE	12	50	18	FOBS=	101.8	SIGMA=	2.0	PHAS=	-12.7	FOM=	0.72	TEST=	0
INDE	12	50	20	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	50	22	FOBS=	105.8	SIGMA=	2.0	PHAS=	-82.7	FOM=	0.63	TEST=	0
INDE	12	50	24	FOBS=	155.1	SIGMA=	1.4	PHAS=	31.8	FOM=	0.91	TEST=	0
INDE	12	50	26	FOBS=	83.3	SIGMA=	2.5	PHAS=	41.1	FOM=	0.36	TEST=	0
INDE	12	50	28	FOBS=	171.7	SIGMA=	1.3	PHAS=	-32.7	FOM=	0.95	TEST=	1
INDE	12	50	30	FOBS=	109.5	SIGMA=	1.9	PHAS=	-125.4	FOM=	0.88	TEST=	0
INDE	12	50	32	FOBS=	155.3	SIGMA=	1.4	PHAS=	168.9	FOM=	0.87	TEST=	0
INDE	12	50	34	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	50	36	FOBS=	133.8	SIGMA=	1.4	PHAS=	-29.1	FOM=	0.93	TEST=	0
INDE	12	50	38	FOBS=	38.9	SIGMA=	5.1	PHAS=	-61.3	FOM=	0.59	TEST=	0
INDE	12	50	40	FOBS=	58.9	SIGMA=	3.2	PHAS=	15.0	FOM=	0.44	TEST=	1
INDE	12	50	42	FOBS=	50.6	SIGMA=	4.0	PHAS=	-149.5	FOM=	0.81	TEST=	0
INDE	12	50	44	FOBS=	62.8	SIGMA=	3.1	PHAS=	125.5	FOM=	0.85	TEST=	0
INDE	12	50	46	FOBS=	100.7	SIGMA=	2.0	PHAS=	-137.3	FOM=	0.88	TEST=	0
INDE	12	50	48	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	50	50	FOBS=	32.6	SIGMA=	6.9	PHAS=	4.2	FOM=	0.21	TEST=	0
INDE	12	50	52	FOBS=	89.3	SIGMA=	2.4	PHAS=	-99.0	FOM=	0.81	TEST=	0
INDE	12	50	54	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	50	56	FOBS=	8.6	SIGMA=	38.6	PHAS=	-118.4	FOM=	0.11	TEST=	0
INDE	12	50	58	FOBS=	81.6	SIGMA=	3.5	PHAS=	-105.0	FOM=	0.31	TEST=	0
INDE	12	51	13	FOBS=	170.5	SIGMA=	1.7	PHAS=	-82.9	FOM=	0.93	TEST=	0
INDE	12	51	15	FOBS=	117.2	SIGMA=	2.3	PHAS=	-40.7	FOM=	0.88	TEST=	0
INDE	12	51	17	FOBS=	82.7	SIGMA=	2.4	PHAS=	176.9	FOM=	0.88	TEST=	0
INDE	12	51	19	FOBS=	108.0	SIGMA=	1.9	PHAS=	-152.6	FOM=	0.74	TEST=	0
INDE	12	51	21	FOBS=	117.2	SIGMA=	1.9	PHAS=	5.3	FOM=	0.76	TEST=	0
INDE	12	51	23	FOBS=	80.6	SIGMA=	2.6	PHAS=	-91.5	FOM=	0.77	TEST=	0
INDE	12	51	25	FOBS=	80.9	SIGMA=	2.6	PHAS=	76.8	FOM=	0.89	TEST=	0
INDE	12	51	27	FOBS=	56.7	SIGMA=	3.6	PHAS=	-98.9	FOM=	0.51	TEST=	0
INDE	12	51	29	FOBS=	94.2	SIGMA=	2.2	PHAS=	-163.9	FOM=	0.94	TEST=	0
INDE	12	51	31	FOBS=	160.2	SIGMA=	1.4	PHAS=	113.1	FOM=	0.95	TEST=	0
INDE	12	51	33	FOBS=	127.8	SIGMA=	1.7	PHAS=	162.4	FOM=	0.91	TEST=	0
INDE	12	51	35	FOBS=	77.2	SIGMA=	2.5	PHAS=	-160.8	FOM=	0.75	TEST=	0
INDE	12	51	37	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	51	39	FOBS=	81.3	SIGMA=	2.3	PHAS=	-98.8	FOM=	0.89	TEST=	0
INDE	12	51	41	FOBS=	69.6	SIGMA=	2.7	PHAS=	34.4	FOM=	0.48	TEST=	0
INDE	12	51	43	FOBS=	83.1	SIGMA=	2.3	PHAS=	-158.2	FOM=	0.88	TEST=	0
INDE	12	51	45	FOBS=	51.2	SIGMA=	3.7	PHAS=	82.9	FOM=	0.19	TEST=	1
INDE	12	51	47	FOBS=	83.1	SIGMA=	2.4	PHAS=	100.8	FOM=	0.83	TEST=	0
INDE	12	51	49	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	12	51	51	FOBS=	66.4	SIGMA=	3.4	PHAS=	118.5	FOM=	0.59	TEST=	0
INDE	12	51	53	FOBS=	1.1	SIGMA=	207.4	PHAS=	159.6	FOM=	0.01	TEST=	0
INDE	12	51	55	FOBS=	57.1	SIGMA=	4.9	PHAS=	165.9	FOM=	0.76	TEST=	0
INDE	12	51	57	FOBS=	26.7	SIGMA=	12.5	PHAS=	-164.6	FOM=	0.07	TEST=	0
INDE	12	52	12	FOBS=	119.3	SIGMA=	1.3	PHAS=	-106.9	FOM=	0.57	TEST=	0
INDE	12	52	14	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	52	16	FOBS=	119.5	SIGMA=	2.2	PHAS=	-177.1	FOM=	0.89	TEST=	0
INDE	12	52	18	FOBS=	83.3	SIGMA=	2.4	PHAS=	-6.0	FOM=	0.85	TEST=	0
INDE	12	52	20	FOBS=	126.8	SIGMA=	1.6	PHAS=	171.2	FOM=	0.73	TEST=	0
INDE	12	52	22	FOBS=	114.8	SIGMA=	1.8	PHAS=	154.4	FOM=	0.90	TEST=	0
INDE	12	52	24	FOBS=	155.6	SIGMA=	1.4	PHAS=	71.6	FOM=	0.90	TEST=	0
INDE	12	52	26	FOBS=	65.4	SIGMA=	3.1	PHAS=	-51.0	FOM=	0.68	TEST=	0
INDE	12	52	28	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	52	30	FOBS=	54.7	SIGMA=	3.7	PHAS=	83.9	FOM=	0.78	TEST=	0
INDE	12	52	32	FOBS=	54.0	SIGMA=	3.7	PHAS=	103.9	FOM=	0.59	TEST=	0
INDE	12	52	34	FOBS=	40.2	SIGMA=	5.0	PHAS=	140.8	FOM=	0.35	TEST=	0

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INDE	12	52	36	FOBS=	89.7	SIGMA=	2.0	PHAS=	-14.2	FOM=	0.81	TEST=	0
INDE	12	52	38	FOBS=	44.6	SIGMA=	4.0	PHAS=	90.3	FOM=	0.58	TEST=	0
INDE	12	52	40	FOBS=	95.8	SIGMA=	1.9	PHAS=	-169.9	FOM=	0.33	TEST=	0
INDE	12	52	42	FOBS=	133.9	SIGMA=	1.5	PHAS=	107.2	FOM=	0.94	TEST=	0
INDE	12	52	44	FOBS=	91.0	SIGMA=	2.1	PHAS=	70.3	FOM=	0.95	TEST=	0
INDE	12	52	46	FOBS=	39.5	SIGMA=	5.6	PHAS=	-135.2	FOM=	0.20	TEST=	0
INDE	12	52	48	FOBS=	45.8	SIGMA=	5.1	PHAS=	10.8	FOM=	0.80	TEST=	0
INDE	12	52	50	FOBS=	96.5	SIGMA=	2.3	PHAS=	-31.8	FOM=	0.93	TEST=	0
INDE	12	52	52	FOBS=	30.4	SIGMA=	7.6	PHAS=	63.4	FOM=	0.32	TEST=	0
INDE	12	52	54	FOBS=	0.0	SIGMA=	27.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	52	56	FOBS=	58.5	SIGMA=	5.8	PHAS=	-66.9	FOM=	0.24	TEST=	0
INDE	12	53	13	FOBS=	99.1	SIGMA=	2.7	PHAS=	137.7	FOM=	0.52	TEST=	0
INDE	12	53	15	FOBS=	93.3	SIGMA=	2.8	PHAS=	63.8	FOM=	0.78	TEST=	0
INDE	12	53	17	FOBS=	107.0	SIGMA=	2.5	PHAS=	92.7	FOM=	0.74	TEST=	0
INDE	12	53	19	FOBS=	121.9	SIGMA=	1.7	PHAS=	-65.5	FOM=	0.78	TEST=	1
INDE	12	53	21	FOBS=	22.7	SIGMA=	8.7	PHAS=	56.5	FOM=	0.17	TEST=	0
INDE	12	53	23	FOBS=	157.5	SIGMA=	1.4	PHAS=	1.7	FOM=	0.96	TEST=	0
INDE	12	53	25	FOBS=	140.6	SIGMA=	1.5	PHAS=	34.1	FOM=	0.93	TEST=	0
INDE	12	53	27	FOBS=	131.4	SIGMA=	1.6	PHAS=	112.3	FOM=	0.93	TEST=	0
INDE	12	53	29	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	53	31	FOBS=	45.4	SIGMA=	4.4	PHAS=	-49.3	FOM=	0.53	TEST=	0
INDE	12	53	33	FOBS=	86.4	SIGMA=	2.4	PHAS=	144.1	FOM=	0.62	TEST=	0
INDE	12	53	35	FOBS=	7.9	SIGMA=	27.6	PHAS=	78.3	FOM=	0.05	TEST=	1
INDE	12	53	37	FOBS=	47.3	SIGMA=	3.8	PHAS=	-140.8	FOM=	0.47	TEST=	0
INDE	12	53	39	FOBS=	47.5	SIGMA=	4.0	PHAS=	3.7	FOM=	0.65	TEST=	0
INDE	12	53	41	FOBS=	82.8	SIGMA=	2.1	PHAS=	-2.2	FOM=	0.94	TEST=	0
INDE	12	53	43	FOBS=	46.9	SIGMA=	4.0	PHAS=	-23.2	FOM=	0.79	TEST=	0
INDE	12	53	45	FOBS=	70.6	SIGMA=	2.7	PHAS=	-11.1	FOM=	0.88	TEST=	0
INDE	12	53	47	FOBS=	101.9	SIGMA=	2.2	PHAS=	-50.5	FOM=	0.94	TEST=	0
INDE	12	53	49	FOBS=	65.9	SIGMA=	3.3	PHAS=	-143.0	FOM=	0.86	TEST=	0
INDE	12	53	51	FOBS=	33.9	SIGMA=	7.5	PHAS=	-169.7	FOM=	0.32	TEST=	0
INDE	12	53	53	FOBS=	89.1	SIGMA=	3.3	PHAS=	-18.6	FOM=	0.94	TEST=	0
INDE	12	53	55	FOBS=	36.4	SIGMA=	9.6	PHAS=	-79.8	FOM=	0.61	TEST=	0
INDE	12	54	12	FOBS=	30.5	SIGMA=	5.4	PHAS=	-16.3	FOM=	0.32	TEST=	0
INDE	12	54	14	FOBS=	113.0	SIGMA=	2.4	PHAS=	-25.8	FOM=	0.86	TEST=	1
INDE	12	54	16	FOBS=	87.1	SIGMA=	3.0	PHAS=	114.4	FOM=	0.76	TEST=	0
INDE	12	54	18	FOBS=	59.9	SIGMA=	3.2	PHAS=	12.6	FOM=	0.89	TEST=	0
INDE	12	54	20	FOBS=	110.9	SIGMA=	1.8	PHAS=	-162.3	FOM=	0.86	TEST=	0
INDE	12	54	22	FOBS=	29.0	SIGMA=	8.1	PHAS=	-157.5	FOM=	0.16	TEST=	0
INDE	12	54	24	FOBS=	177.2	SIGMA=	1.4	PHAS=	-54.6	FOM=	0.97	TEST=	0
INDE	12	54	26	FOBS=	124.7	SIGMA=	1.7	PHAS=	-49.8	FOM=	0.92	TEST=	0
INDE	12	54	28	FOBS=	47.7	SIGMA=	4.2	PHAS=	-147.5	FOM=	0.23	TEST=	0
INDE	12	54	30	FOBS=	43.8	SIGMA=	4.6	PHAS=	-135.9	FOM=	0.35	TEST=	0
INDE	12	54	32	FOBS=	35.0	SIGMA=	6.3	PHAS=	-108.7	FOM=	0.57	TEST=	0
INDE	12	54	34	FOBS=	49.4	SIGMA=	4.1	PHAS=	-51.8	FOM=	0.53	TEST=	0
INDE	12	54	36	FOBS=	40.4	SIGMA=	5.4	PHAS=	-31.3	FOM=	0.85	TEST=	0
INDE	12	54	38	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	54	40	FOBS=	72.5	SIGMA=	2.5	PHAS=	-67.2	FOM=	0.90	TEST=	0
INDE	12	54	42	FOBS=	64.7	SIGMA=	2.6	PHAS=	161.3	FOM=	0.82	TEST=	0
INDE	12	54	44	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	54	46	FOBS=	52.9	SIGMA=	3.7	PHAS=	-84.1	FOM=	0.74	TEST=	0
INDE	12	54	48	FOBS=	58.8	SIGMA=	4.1	PHAS=	169.6	FOM=	0.73	TEST=	0
INDE	12	54	50	FOBS=	41.9	SIGMA=	10.1	PHAS=	-28.2	FOM=	0.72	TEST=	0
INDE	12	54	52	FOBS=	107.1	SIGMA=	3.3	PHAS=	-127.6	FOM=	0.90	TEST=	0
INDE	12	54	54	FOBS=	94.5	SIGMA=	3.8	PHAS=	-137.5	FOM=	0.93	TEST=	0
INDE	12	55	13	FOBS=	88.3	SIGMA=	1.6	PHAS=	-160.8	FOM=	0.86	TEST=	0
INDE	12	55	15	FOBS=	114.5	SIGMA=	2.3	PHAS=	1.9	FOM=	0.93	TEST=	0
INDE	12	55	17	FOBS=	171.9	SIGMA=	1.6	PHAS=	33.6	FOM=	0.94	TEST=	0
INDE	12	55	19	FOBS=	69.5	SIGMA=	2.8	PHAS=	-94.7	FOM=	0.87	TEST=	0
INDE	12	55	21	FOBS=	74.2	SIGMA=	2.6	PHAS=	-106.8	FOM=	0.62	TEST=	0
INDE	12	55	23	FOBS=	46.4	SIGMA=	4.2	PHAS=	-97.2	FOM=	0.47	TEST=	0
INDE	12	55	25	FOBS=	99.5	SIGMA=	2.0	PHAS=	-154.3	FOM=	0.76	TEST=	0
INDE	12	55	27	FOBS=	94.8	SIGMA=	2.1	PHAS=	141.2	FOM=	0.92	TEST=	0
INDE	12	55	29	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	55	31	FOBS=	57.9	SIGMA=	3.4	PHAS=	-141.6	FOM=	0.77	TEST=	0
INDE	12	55	33	FOBS=	125.8	SIGMA=	1.7	PHAS=	120.2	FOM=	0.93	TEST=	0
INDE	12	55	35	FOBS=	105.5	SIGMA=	2.0	PHAS=	-141.0	FOM=	0.85	TEST=	0
INDE	12	55	37	FOBS=	22.2	SIGMA=	10.1	PHAS=	-126.0	FOM=	0.15	TEST=	0
INDE	12	55	39	FOBS=	60.3	SIGMA=	3.0	PHAS=	-103.4	FOM=	0.51	TEST=	0
INDE	12	55	41	FOBS=	6.4	SIGMA=	30.8	PHAS=	84.1	FOM=	0.06	TEST=	0

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INDE	12	55	43	FOBS=	55.1	SIGMA=	3.3	PHAS=	-37.5	FOM=	0.42	TEST=	0
INDE	12	55	45	FOBS=	51.3	SIGMA=	4.1	PHAS=	15.6	FOM=	0.44	TEST=	0
INDE	12	55	47	FOBS=	76.4	SIGMA=	3.5	PHAS=	-63.1	FOM=	0.82	TEST=	0
INDE	12	55	49	FOBS=	24.5	SIGMA=	15.2	PHAS=	-112.6	FOM=	0.22	TEST=	0
INDE	12	55	51	FOBS=	60.2	SIGMA=	6.0	PHAS=	130.1	FOM=	0.84	TEST=	0
INDE	12	55	53	FOBS=	62.0	SIGMA=	5.8	PHAS=	101.6	FOM=	0.88	TEST=	0
INDE	12	56	12	FOBS=	78.2	SIGMA=	3.3	PHAS=	106.1	FOM=	0.84	TEST=	0
INDE	12	56	14	FOBS=	100.4	SIGMA=	1.6	PHAS=	-138.1	FOM=	0.91	TEST=	0
INDE	12	56	16	FOBS=	117.4	SIGMA=	2.2	PHAS=	-125.9	FOM=	0.95	TEST=	0
INDE	12	56	18	FOBS=	62.0	SIGMA=	4.1	PHAS=	-145.0	FOM=	0.66	TEST=	0
INDE	12	56	20	FOBS=	118.7	SIGMA=	1.7	PHAS=	174.2	FOM=	0.80	TEST=	0
INDE	12	56	22	FOBS=	32.5	SIGMA=	7.3	PHAS=	110.3	FOM=	0.57	TEST=	0
INDE	12	56	24	FOBS=	29.2	SIGMA=	6.7	PHAS=	53.0	FOM=	0.34	TEST=	0
INDE	12	56	26	FOBS=	68.6	SIGMA=	2.9	PHAS=	34.2	FOM=	0.88	TEST=	0
INDE	12	56	28	FOBS=	24.6	SIGMA=	9.6	PHAS=	-132.9	FOM=	0.39	TEST=	0
INDE	12	56	30	FOBS=	43.1	SIGMA=	4.6	PHAS=	170.7	FOM=	0.51	TEST=	0
INDE	12	56	32	FOBS=	48.8	SIGMA=	4.1	PHAS=	34.5	FOM=	0.35	TEST=	0
INDE	12	56	34	FOBS=	46.7	SIGMA=	4.3	PHAS=	59.0	FOM=	0.57	TEST=	0
INDE	12	56	36	FOBS=	115.2	SIGMA=	1.8	PHAS=	-12.2	FOM=	0.91	TEST=	0
INDE	12	56	38	FOBS=	37.2	SIGMA=	5.5	PHAS=	-14.3	FOM=	0.41	TEST=	0
INDE	12	56	40	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	56	42	FOBS=	29.4	SIGMA=	7.9	PHAS=	46.1	FOM=	0.49	TEST=	0
INDE	12	56	44	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	56	46	FOBS=	36.6	SIGMA=	7.2	PHAS=	-56.4	FOM=	0.15	TEST=	0
INDE	12	56	48	FOBS=	45.3	SIGMA=	5.9	PHAS=	-55.2	FOM=	0.54	TEST=	0
INDE	12	56	50	FOBS=	59.2	SIGMA=	6.2	PHAS=	-136.3	FOM=	0.84	TEST=	0
INDE	12	56	52	FOBS=	38.1	SIGMA=	9.5	PHAS=	144.2	FOM=	0.68	TEST=	0
INDE	12	57	13	FOBS=	68.9	SIGMA=	2.3	PHAS=	-12.3	FOM=	0.72	TEST=	0
INDE	12	57	15	FOBS=	84.5	SIGMA=	2.4	PHAS=	71.6	FOM=	0.94	TEST=	0
INDE	12	57	17	FOBS=	57.6	SIGMA=	4.4	PHAS=	129.4	FOM=	0.31	TEST=	0
INDE	12	57	19	FOBS=	38.6	SIGMA=	6.1	PHAS=	-29.3	FOM=	0.04	TEST=	1
INDE	12	57	21	FOBS=	50.3	SIGMA=	3.8	PHAS=	-47.0	FOM=	0.42	TEST=	1
INDE	12	57	23	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	12	57	25	FOBS=	77.7	SIGMA=	2.6	PHAS=	-86.6	FOM=	0.62	TEST=	0
INDE	12	57	27	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	57	29	FOBS=	2.9	SIGMA=	67.8	PHAS=	-129.2	FOM=	0.07	TEST=	0
INDE	12	57	31	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	57	33	FOBS=	45.2	SIGMA=	4.4	PHAS=	99.4	FOM=	0.61	TEST=	0
INDE	12	57	35	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	57	37	FOBS=	61.1	SIGMA=	4.1	PHAS=	-113.3	FOM=	0.87	TEST=	0
INDE	12	57	39	FOBS=	56.0	SIGMA=	3.8	PHAS=	84.3	FOM=	0.51	TEST=	0
INDE	12	57	41	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	57	43	FOBS=	33.3	SIGMA=	6.1	PHAS=	-102.0	FOM=	0.45	TEST=	0
INDE	12	57	45	FOBS=	60.0	SIGMA=	3.3	PHAS=	-36.6	FOM=	0.37	TEST=	0
INDE	12	57	47	FOBS=	34.6	SIGMA=	8.6	PHAS=	-65.7	FOM=	0.42	TEST=	0
INDE	12	57	49	FOBS=	53.5	SIGMA=	8.7	PHAS=	-141.0	FOM=	0.79	TEST=	0
INDE	12	57	51	FOBS=	88.6	SIGMA=	4.3	PHAS=	102.2	FOM=	0.92	TEST=	0
INDE	12	58	12	FOBS=	127.2	SIGMA=	2.1	PHAS=	-132.4	FOM=	0.90	TEST=	0
INDE	12	58	14	FOBS=	180.3	SIGMA=	1.1	PHAS=	-172.9	FOM=	0.67	TEST=	1
INDE	12	58	16	FOBS=	52.9	SIGMA=	3.7	PHAS=	-52.7	FOM=	0.55	TEST=	0
INDE	12	58	18	FOBS=	107.8	SIGMA=	2.4	PHAS=	167.3	FOM=	0.48	TEST=	1
INDE	12	58	20	FOBS=	102.4	SIGMA=	1.9	PHAS=	-131.6	FOM=	0.90	TEST=	0
INDE	12	58	22	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	58	24	FOBS=	59.1	SIGMA=	3.3	PHAS=	-88.3	FOM=	0.85	TEST=	0
INDE	12	58	26	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	58	28	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	12	58	30	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	58	32	FOBS=	42.2	SIGMA=	6.5	PHAS=	14.6	FOM=	0.72	TEST=	0
INDE	12	58	34	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	58	36	FOBS=	85.1	SIGMA=	3.0	PHAS=	-4.7	FOM=	0.87	TEST=	0
INDE	12	58	38	FOBS=	52.9	SIGMA=	4.8	PHAS=	-21.2	FOM=	0.77	TEST=	0
INDE	12	58	40	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	58	42	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	58	44	FOBS=	35.9	SIGMA=	5.8	PHAS=	153.5	FOM=	0.67	TEST=	0
INDE	12	58	46	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	58	48	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	58	50	FOBS=	45.1	SIGMA=	10.6	PHAS=	-165.0	FOM=	0.44	TEST=	0
INDE	12	59	13	FOBS=	125.6	SIGMA=	2.4	PHAS=	177.4	FOM=	0.93	TEST=	0
INDE	12	59	15	FOBS=	22.0	SIGMA=	8.4	PHAS=	-118.0	FOM=	0.20	TEST=	0
INDE	12	59	17	FOBS=	26.6	SIGMA=	7.3	PHAS=	4.8	FOM=	0.35	TEST=	0

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INDE 12 59 19 FOBS= 57.9 SIGMA= 4.2 PHAS= 93.4 FOM= 0.70 TEST= 0
INDE 12 59 21 FOBS= 59.5 SIGMA= 3.2 PHAS= 73.0 FOM= 0.74 TEST= 0
INDE 12 59 23 FOBS= 39.7 SIGMA= 5.2 PHAS= 73.9 FOM= 0.69 TEST= 0
INDE 12 59 25 FOBS= 73.1 SIGMA= 3.0 PHAS= 147.3 FOM= 0.76 TEST= 0
INDE 12 59 27 FOBS= 67.6 SIGMA= 3.5 PHAS= 61.1 FOM= 0.64 TEST= 0
INDE 12 59 29 FOBS= 119.4 SIGMA= 2.1 PHAS= 38.4 FOM= 0.93 TEST= 0
INDE 12 59 31 FOBS= 27.7 SIGMA= 8.6 PHAS= -4.5 FOM= 0.12 TEST= 0
INDE 12 59 33 FOBS= 0.0 SIGMA= 26.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 12 59 35 FOBS= 80.6 SIGMA= 3.1 PHAS= -102.8 FOM= 0.84 TEST= 0
INDE 12 59 37 FOBS= 84.0 SIGMA= 3.1 PHAS= -68.5 FOM= 0.94 TEST= 0
INDE 12 59 39 FOBS= 0.0 SIGMA= 22.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 12 59 41 FOBS= 70.8 SIGMA= 3.1 PHAS= -76.8 FOM= 0.87 TEST= 0
INDE 12 59 43 FOBS= 47.0 SIGMA= 4.4 PHAS= 29.0 FOM= 0.73 TEST= 0
INDE 12 59 45 FOBS= 22.3 SIGMA= 10.7 PHAS= 178.4 FOM= 0.06 TEST= 0
INDE 12 59 47 FOBS= 0.0 SIGMA= 22.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 12 59 49 FOBS= 81.9 SIGMA= 5.2 PHAS= -40.0 FOM= 0.10 TEST= 1
INDE 12 60 12 FOBS= 14.6 SIGMA= 12.6 PHAS= -154.6 FOM= 0.56 TEST= 0
INDE 12 60 14 FOBS= 44.5 SIGMA= 3.5 PHAS= -171.0 FOM= 0.74 TEST= 0
INDE 12 60 16 FOBS= 41.5 SIGMA= 4.4 PHAS= 166.8 FOM= 0.38 TEST= 0
INDE 12 60 18 FOBS= 54.7 SIGMA= 3.5 PHAS= 161.5 FOM= 0.36 TEST= 0
INDE 12 60 20 FOBS= 72.3 SIGMA= 3.8 PHAS= -142.7 FOM= 0.80 TEST= 0
INDE 12 60 22 FOBS= 84.6 SIGMA= 2.5 PHAS= -34.0 FOM= 0.83 TEST= 1
INDE 12 60 24 FOBS= 112.8 SIGMA= 2.1 PHAS= -68.6 FOM= 0.89 TEST= 0
INDE 12 60 26 FOBS= 39.3 SIGMA= 6.0 PHAS= -150.6 FOM= 0.12 TEST= 1
INDE 12 60 28 FOBS= 134.8 SIGMA= 1.9 PHAS= -24.4 FOM= 0.93 TEST= 0
INDE 12 60 30 FOBS= 65.9 SIGMA= 3.7 PHAS= -59.5 FOM= 0.85 TEST= 0
INDE 12 60 32 FOBS= 8.7 SIGMA= 27.5 PHAS= 56.1 FOM= 0.03 TEST= 0
INDE 12 60 34 FOBS= 74.3 SIGMA= 3.3 PHAS= 165.5 FOM= 0.86 TEST= 0
INDE 12 60 36 FOBS= 135.5 SIGMA= 2.0 PHAS= -172.2 FOM= 0.95 TEST= 0
INDE 12 60 38 FOBS= 10.9 SIGMA= 25.8 PHAS= -93.0 FOM= 0.20 TEST= 0
INDE 12 60 40 FOBS= 33.6 SIGMA= 7.2 PHAS= 144.4 FOM= 0.59 TEST= 0
INDE 12 60 42 FOBS= 17.2 SIGMA= 13.8 PHAS= -153.1 FOM= 0.38 TEST= 0
INDE 12 60 44 FOBS= 53.4 SIGMA= 3.7 PHAS= -57.7 FOM= 0.80 TEST= 0
INDE 12 60 46 FOBS= 0.0 SIGMA= 28.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 12 60 48 FOBS= 95.5 SIGMA= 4.6 PHAS= 89.5 FOM= 0.84 TEST= 0
INDE 12 61 13 FOBS= 74.3 SIGMA= 3.4 PHAS= -142.0 FOM= 0.77 TEST= 0
INDE 12 61 15 FOBS= 66.7 SIGMA= 2.5 PHAS= -5.4 FOM= 0.84 TEST= 0
INDE 12 61 17 FOBS= 23.5 SIGMA= 11.9 PHAS= 29.1 FOM= 0.14 TEST= 1
INDE 12 61 19 FOBS= 54.2 SIGMA= 5.1 PHAS= 164.6 FOM= 0.84 TEST= 0
INDE 12 61 21 FOBS= 104.9 SIGMA= 2.6 PHAS= 147.3 FOM= 0.89 TEST= 0
INDE 12 61 23 FOBS= 141.1 SIGMA= 1.7 PHAS= 138.9 FOM= 0.96 TEST= 0
INDE 12 61 25 FOBS= 47.5 SIGMA= 4.8 PHAS= 134.2 FOM= 0.75 TEST= 0
INDE 12 61 27 FOBS= 0.0 SIGMA= 21.7 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 12 61 29 FOBS= 0.0 SIGMA= 21.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 12 61 31 FOBS= 36.9 SIGMA= 6.6 PHAS= -115.9 FOM= 0.58 TEST= 0
INDE 12 61 33 FOBS= 54.2 SIGMA= 4.5 PHAS= 92.5 FOM= 0.67 TEST= 0
INDE 12 61 35 FOBS= 145.7 SIGMA= 1.8 PHAS= 75.6 FOM= 0.96 TEST= 0
INDE 12 61 37 FOBS= 52.6 SIGMA= 4.8 PHAS= 57.0 FOM= 0.84 TEST= 0
INDE 12 61 39 FOBS= 53.5 SIGMA= 6.9 PHAS= -20.3 FOM= 0.56 TEST= 0
INDE 12 61 41 FOBS= 45.5 SIGMA= 5.3 PHAS= 129.9 FOM= 0.37 TEST= 0
INDE 12 61 43 FOBS= 46.8 SIGMA= 6.5 PHAS= 140.9 FOM= 0.72 TEST= 0
INDE 12 61 45 FOBS= 0.0 SIGMA= 24.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 12 62 12 FOBS= 34.2 SIGMA= 5.5 PHAS= 44.1 FOM= 0.75 TEST= 0
INDE 12 62 14 FOBS= 23.3 SIGMA= 14.7 PHAS= -156.7 FOM= 0.34 TEST= 0
INDE 12 62 16 FOBS= 124.0 SIGMA= 1.7 PHAS= -165.4 FOM= 0.83 TEST= 0
INDE 12 62 18 FOBS= 73.2 SIGMA= 3.1 PHAS= 8.8 FOM= 0.91 TEST= 0
INDE 12 62 20 FOBS= 110.7 SIGMA= 3.2 PHAS= 77.0 FOM= 0.90 TEST= 0
INDE 12 62 22 FOBS= 126.4 SIGMA= 2.2 PHAS= 80.8 FOM= 0.95 TEST= 0
INDE 12 62 24 FOBS= 97.2 SIGMA= 2.8 PHAS= 48.0 FOM= 0.91 TEST= 0
INDE 12 62 26 FOBS= 39.6 SIGMA= 6.8 PHAS= 150.4 FOM= 0.19 TEST= 0
INDE 12 62 28 FOBS= 0.0 SIGMA= 25.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 12 62 30 FOBS= 100.3 SIGMA= 2.9 PHAS= 112.0 FOM= 0.78 TEST= 0
INDE 12 62 32 FOBS= 0.0 SIGMA= 23.3 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 12 62 34 FOBS= 80.7 SIGMA= 3.5 PHAS= -33.7 FOM= 0.90 TEST= 0
INDE 12 62 36 FOBS= 37.4 SIGMA= 7.7 PHAS= -3.2 FOM= 0.12 TEST= 1
INDE 12 62 38 FOBS= 0.0 SIGMA= 24.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 12 62 40 FOBS= 32.3 SIGMA= 8.1 PHAS= 75.9 FOM= 0.06 TEST= 1
INDE 12 62 42 FOBS= 71.6 SIGMA= 4.3 PHAS= 26.6 FOM= 0.30 TEST= 1
INDE 12 62 44 FOBS= 65.0 SIGMA= 6.2 PHAS= -38.1 FOM= 0.15 TEST= 1
INDE 12 63 13 FOBS= 66.8 SIGMA= 3.2 PHAS= -119.6 FOM= 0.69 TEST= 0

INDE	12	63	15	FOBS=	87.4	SIGMA=	4.0	PHAS=	106.4	FOM=	0.71	TEST=	0
INDE	12	63	17	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	63	19	FOBS=	21.7	SIGMA=	15.4	PHAS=	-86.0	FOM=	0.45	TEST=	0
INDE	12	63	21	FOBS=	77.9	SIGMA=	4.4	PHAS=	-28.4	FOM=	0.88	TEST=	0
INDE	12	63	23	FOBS=	85.8	SIGMA=	3.1	PHAS=	53.9	FOM=	0.90	TEST=	0
INDE	12	63	25	FOBS=	53.2	SIGMA=	5.0	PHAS=	-34.8	FOM=	0.65	TEST=	0
INDE	12	63	27	FOBS=	11.6	SIGMA=	28.6	PHAS=	168.3	FOM=	0.07	TEST=	0
INDE	12	63	29	FOBS=	93.4	SIGMA=	3.1	PHAS=	35.5	FOM=	0.86	TEST=	0
INDE	12	63	31	FOBS=	68.9	SIGMA=	4.2	PHAS=	63.2	FOM=	0.89	TEST=	0
INDE	12	63	33	FOBS=	18.2	SIGMA=	15.3	PHAS=	14.9	FOM=	0.09	TEST=	0
INDE	12	63	35	FOBS=	77.2	SIGMA=	3.7	PHAS=	154.3	FOM=	0.88	TEST=	0
INDE	12	63	37	FOBS=	11.0	SIGMA=	26.0	PHAS=	39.8	FOM=	0.15	TEST=	0
INDE	12	63	39	FOBS=	57.8	SIGMA=	5.2	PHAS=	7.7	FOM=	0.56	TEST=	0
INDE	12	63	41	FOBS=	17.0	SIGMA=	20.1	PHAS=	2.2	FOM=	0.38	TEST=	0
INDE	12	63	43	FOBS=	27.6	SIGMA=	11.3	PHAS=	15.7	FOM=	0.07	TEST=	0
INDE	12	64	12	FOBS=	34.5	SIGMA=	5.7	PHAS=	76.3	FOM=	0.24	TEST=	0
INDE	12	64	14	FOBS=	94.3	SIGMA=	3.7	PHAS=	51.5	FOM=	0.93	TEST=	0
INDE	12	64	16	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	64	18	FOBS=	48.9	SIGMA=	4.4	PHAS=	-8.2	FOM=	0.52	TEST=	0
INDE	12	64	20	FOBS=	7.0	SIGMA=	47.7	PHAS=	71.6	FOM=	0.02	TEST=	0
INDE	12	64	22	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	64	24	FOBS=	96.3	SIGMA=	2.8	PHAS=	85.9	FOM=	0.81	TEST=	0
INDE	12	64	26	FOBS=	53.4	SIGMA=	5.0	PHAS=	-101.1	FOM=	0.72	TEST=	0
INDE	12	64	28	FOBS=	79.9	SIGMA=	3.5	PHAS=	-130.1	FOM=	0.92	TEST=	0
INDE	12	64	30	FOBS=	46.9	SIGMA=	6.1	PHAS=	-20.3	FOM=	0.68	TEST=	0
INDE	12	64	32	FOBS=	89.5	SIGMA=	3.3	PHAS=	-63.4	FOM=	0.87	TEST=	0
INDE	12	64	34	FOBS=	47.4	SIGMA=	6.0	PHAS=	21.4	FOM=	0.76	TEST=	0
INDE	12	64	36	FOBS=	14.7	SIGMA=	19.5	PHAS=	138.6	FOM=	0.30	TEST=	0
INDE	12	64	38	FOBS=	38.8	SIGMA=	8.8	PHAS=	-60.3	FOM=	0.39	TEST=	0
INDE	12	64	40	FOBS=	87.6	SIGMA=	3.6	PHAS=	-167.1	FOM=	0.18	TEST=	1
INDE	12	64	42	FOBS=	52.6	SIGMA=	7.5	PHAS=	-50.6	FOM=	0.84	TEST=	0
INDE	12	65	13	FOBS=	73.7	SIGMA=	2.9	PHAS=	-30.3	FOM=	0.76	TEST=	0
INDE	12	65	15	FOBS=	32.5	SIGMA=	10.6	PHAS=	-62.5	FOM=	0.38	TEST=	0
INDE	12	65	17	FOBS=	39.4	SIGMA=	5.1	PHAS=	116.4	FOM=	0.27	TEST=	1
INDE	12	65	19	FOBS=	43.3	SIGMA=	7.7	PHAS=	-107.3	FOM=	0.66	TEST=	0
INDE	12	65	21	FOBS=	70.5	SIGMA=	3.5	PHAS=	-94.5	FOM=	0.80	TEST=	0
INDE	12	65	23	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	65	25	FOBS=	18.7	SIGMA=	14.1	PHAS=	-76.8	FOM=	0.38	TEST=	0
INDE	12	65	27	FOBS=	111.6	SIGMA=	2.5	PHAS=	162.1	FOM=	0.90	TEST=	0
INDE	12	65	29	FOBS=	55.0	SIGMA=	5.1	PHAS=	125.3	FOM=	0.75	TEST=	0
INDE	12	65	31	FOBS=	48.0	SIGMA=	6.0	PHAS=	-174.9	FOM=	0.58	TEST=	0
INDE	12	65	33	FOBS=	39.7	SIGMA=	7.2	PHAS=	-102.2	FOM=	0.50	TEST=	0
INDE	12	65	35	FOBS=	43.5	SIGMA=	6.6	PHAS=	-151.0	FOM=	0.70	TEST=	0
INDE	12	65	37	FOBS=	60.5	SIGMA=	4.9	PHAS=	-113.4	FOM=	0.79	TEST=	0
INDE	12	65	39	FOBS=	72.7	SIGMA=	4.2	PHAS=	-82.0	FOM=	0.80	TEST=	0
INDE	12	66	12	FOBS=	85.6	SIGMA=	4.1	PHAS=	176.8	FOM=	0.83	TEST=	0
INDE	12	66	14	FOBS=	66.4	SIGMA=	3.2	PHAS=	4.7	FOM=	0.89	TEST=	0
INDE	12	66	16	FOBS=	44.3	SIGMA=	7.7	PHAS=	-152.7	FOM=	0.40	TEST=	0
INDE	12	66	18	FOBS=	114.9	SIGMA=	1.9	PHAS=	178.4	FOM=	0.17	TEST=	1
INDE	12	66	20	FOBS=	17.0	SIGMA=	13.3	PHAS=	88.7	FOM=	0.03	TEST=	1
INDE	12	66	22	FOBS=	0.0	SIGMA=	25.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	66	24	FOBS=	42.8	SIGMA=	7.4	PHAS=	-22.7	FOM=	0.65	TEST=	0
INDE	12	66	26	FOBS=	64.7	SIGMA=	4.2	PHAS=	116.5	FOM=	0.63	TEST=	0
INDE	12	66	28	FOBS=	47.0	SIGMA=	5.9	PHAS=	32.9	FOM=	0.77	TEST=	0
INDE	12	66	30	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	12	66	32	FOBS=	0.0	SIGMA=	27.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	66	34	FOBS=	37.3	SIGMA=	7.8	PHAS=	97.7	FOM=	0.51	TEST=	0
INDE	12	66	36	FOBS=	108.8	SIGMA=	2.8	PHAS=	143.1	FOM=	0.95	TEST=	0
INDE	12	66	38	FOBS=	44.3	SIGMA=	6.8	PHAS=	161.1	FOM=	0.67	TEST=	0
INDE	12	67	13	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	67	15	FOBS=	61.2	SIGMA=	5.6	PHAS=	-108.0	FOM=	0.79	TEST=	0
INDE	12	67	17	FOBS=	115.1	SIGMA=	3.1	PHAS=	-63.5	FOM=	0.90	TEST=	0
INDE	12	67	19	FOBS=	27.2	SIGMA=	7.8	PHAS=	29.5	FOM=	0.29	TEST=	0
INDE	12	67	21	FOBS=	45.8	SIGMA=	5.1	PHAS=	113.7	FOM=	0.88	TEST=	0
INDE	12	67	23	FOBS=	50.2	SIGMA=	5.1	PHAS=	-47.6	FOM=	0.62	TEST=	0
INDE	12	67	25	FOBS=	28.0	SIGMA=	11.5	PHAS=	-56.7	FOM=	0.20	TEST=	0
INDE	12	67	27	FOBS=	56.3	SIGMA=	4.9	PHAS=	-34.9	FOM=	0.78	TEST=	0
INDE	12	67	29	FOBS=	51.7	SIGMA=	5.5	PHAS=	-89.9	FOM=	0.66	TEST=	0
INDE	12	67	31	FOBS=	14.7	SIGMA=	19.4	PHAS=	-5.3	FOM=	0.26	TEST=	0
INDE	12	67	33	FOBS=	18.4	SIGMA=	16.0	PHAS=	-159.1	FOM=	0.28	TEST=	0

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INDE	12	67	35	FOBS=	59.7	SIGMA=	5.0	PHAS=	19.4	FOM=	0.72	TEST=	0
INDE	12	67	37	FOBS=	7.8	SIGMA=	38.2	PHAS=	47.3	FOM=	0.14	TEST=	0
INDE	12	68	14	FOBS=	69.8	SIGMA=	3.8	PHAS=	80.8	FOM=	0.83	TEST=	0
INDE	12	68	16	FOBS=	34.7	SIGMA=	13.9	PHAS=	136.1	FOM=	0.60	TEST=	0
INDE	12	68	18	FOBS=	60.5	SIGMA=	8.1	PHAS=	66.3	FOM=	0.81	TEST=	0
INDE	12	68	20	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	68	22	FOBS=	49.4	SIGMA=	4.9	PHAS=	94.4	FOM=	0.54	TEST=	1
INDE	12	68	24	FOBS=	78.4	SIGMA=	3.4	PHAS=	-31.5	FOM=	0.92	TEST=	0
INDE	12	68	26	FOBS=	37.3	SIGMA=	7.3	PHAS=	-152.3	FOM=	0.53	TEST=	0
INDE	12	68	28	FOBS=	23.1	SIGMA=	14.8	PHAS=	153.5	FOM=	0.45	TEST=	0
INDE	12	68	30	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	68	32	FOBS=	0.0	SIGMA=	27.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	12	68	34	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	12	69	15	FOBS=	92.6	SIGMA=	3.0	PHAS=	-23.1	FOM=	0.92	TEST=	0
INDE	12	69	19	FOBS=	28.1	SIGMA=	8.7	PHAS=	-105.2	FOM=	0.63	TEST=	0
INDE	12	69	21	FOBS=	105.5	SIGMA=	2.5	PHAS=	93.6	FOM=	0.90	TEST=	0
INDE	12	69	23	FOBS=	24.4	SIGMA=	20.0	PHAS=	-58.0	FOM=	0.22	TEST=	0
INDE	12	69	25	FOBS=	96.2	SIGMA=	2.8	PHAS=	-122.4	FOM=	0.10	TEST=	1
INDE	12	69	27	FOBS=	16.9	SIGMA=	19.8	PHAS=	-60.3	FOM=	0.16	TEST=	0
INDE	12	69	29	FOBS=	34.8	SIGMA=	8.2	PHAS=	-50.5	FOM=	0.54	TEST=	0
INDE	12	69	31	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	69	33	FOBS=	9.4	SIGMA=	39.9	PHAS=	-119.0	FOM=	0.08	TEST=	0
INDE	12	70	14	FOBS=	73.4	SIGMA=	3.0	PHAS=	-176.8	FOM=	0.86	TEST=	0
INDE	12	70	20	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	70	22	FOBS=	14.7	SIGMA=	21.2	PHAS=	-80.2	FOM=	0.05	TEST=	1
INDE	12	70	26	FOBS=	56.7	SIGMA=	4.6	PHAS=	-85.4	FOM=	0.60	TEST=	0
INDE	12	70	28	FOBS=	105.7	SIGMA=	3.3	PHAS=	-146.4	FOM=	0.19	TEST=	1
INDE	12	70	30	FOBS=	15.1	SIGMA=	19.2	PHAS=	98.8	FOM=	0.37	TEST=	0
INDE	12	71	15	FOBS=	53.8	SIGMA=	5.0	PHAS=	47.1	FOM=	0.66	TEST=	0
INDE	12	71	21	FOBS=	60.0	SIGMA=	4.9	PHAS=	-93.3	FOM=	0.81	TEST=	0
INDE	12	71	23	FOBS=	41.9	SIGMA=	7.8	PHAS=	129.3	FOM=	0.15	TEST=	0
INDE	12	71	27	FOBS=	35.0	SIGMA=	8.9	PHAS=	-120.0	FOM=	0.17	TEST=	0
INDE	12	71	29	FOBS=	50.4	SIGMA=	9.8	PHAS=	6.3	FOM=	0.57	TEST=	0
INDE	12	72	16	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	72	22	FOBS=	14.2	SIGMA=	22.0	PHAS=	-11.3	FOM=	0.04	TEST=	1
INDE	12	72	24	FOBS=	28.8	SIGMA=	11.9	PHAS=	-4.6	FOM=	0.17	TEST=	0
INDE	12	72	26	FOBS=	123.6	SIGMA=	3.3	PHAS=	23.1	FOM=	0.83	TEST=	0
INDE	12	73	15	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	12	73	21	FOBS=	53.2	SIGMA=	4.9	PHAS=	-54.5	FOM=	0.19	TEST=	1
INDE	12	73	23	FOBS=	41.9	SIGMA=	8.0	PHAS=	-77.0	FOM=	0.05	TEST=	1
INDE	12	74	16	FOBS=	47.0	SIGMA=	5.9	PHAS=	-50.7	FOM=	0.59	TEST=	0
INDE	13	14	13	FOBS=	122.3	SIGMA=	0.6	PHAS=	154.7	FOM=	0.95	TEST=	0
INDE	13	14	15	FOBS=	51.1	SIGMA=	1.5	PHAS=	58.4	FOM=	0.72	TEST=	0
INDE	13	14	17	FOBS=	62.2	SIGMA=	1.1	PHAS=	18.8	FOM=	0.99	TEST=	0
INDE	13	14	19	FOBS=	63.6	SIGMA=	1.1	PHAS=	39.4	FOM=	0.90	TEST=	0
INDE	13	14	21	FOBS=	107.0	SIGMA=	0.7	PHAS=	-45.4	FOM=	0.92	TEST=	0
INDE	13	14	23	FOBS=	74.4	SIGMA=	1.0	PHAS=	-86.9	FOM=	0.91	TEST=	0
INDE	13	14	25	FOBS=	90.1	SIGMA=	0.9	PHAS=	172.4	FOM=	0.98	TEST=	0
INDE	13	14	27	FOBS=	94.0	SIGMA=	0.9	PHAS=	-97.9	FOM=	0.94	TEST=	1
INDE	13	14	29	FOBS=	190.8	SIGMA=	0.5	PHAS=	-62.0	FOM=	0.97	TEST=	0
INDE	13	14	31	FOBS=	103.8	SIGMA=	0.9	PHAS=	7.4	FOM=	0.95	TEST=	0
INDE	13	14	33	FOBS=	253.0	SIGMA=	0.5	PHAS=	107.4	FOM=	0.99	TEST=	0
INDE	13	14	35	FOBS=	297.5	SIGMA=	0.6	PHAS=	-88.1	FOM=	0.96	TEST=	0
INDE	13	14	37	FOBS=	111.5	SIGMA=	1.1	PHAS=	-41.8	FOM=	0.92	TEST=	0
INDE	13	14	39	FOBS=	134.9	SIGMA=	1.1	PHAS=	-88.9	FOM=	0.88	TEST=	0
INDE	13	14	41	FOBS=	279.8	SIGMA=	1.1	PHAS=	-126.5	FOM=	0.98	TEST=	0
INDE	13	14	43	FOBS=	144.8	SIGMA=	1.5	PHAS=	169.2	FOM=	0.74	TEST=	0
INDE	13	14	45	FOBS=	86.8	SIGMA=	2.5	PHAS=	-141.2	FOM=	0.93	TEST=	1
INDE	13	14	47	FOBS=	116.9	SIGMA=	2.1	PHAS=	8.2	FOM=	0.90	TEST=	1
INDE	13	14	49	FOBS=	148.0	SIGMA=	1.9	PHAS=	9.9	FOM=	0.88	TEST=	0
INDE	13	14	51	FOBS=	118.3	SIGMA=	2.3	PHAS=	-95.5	FOM=	0.86	TEST=	0
INDE	13	14	53	FOBS=	64.1	SIGMA=	3.2	PHAS=	-162.3	FOM=	0.84	TEST=	0
INDE	13	14	55	FOBS=	229.0	SIGMA=	0.9	PHAS=	-124.7	FOM=	0.98	TEST=	0
INDE	13	14	57	FOBS=	28.4	SIGMA=	5.2	PHAS=	143.1	FOM=	0.47	TEST=	0
INDE	13	14	59	FOBS=	109.7	SIGMA=	1.9	PHAS=	-119.9	FOM=	0.90	TEST=	0
INDE	13	14	61	FOBS=	120.7	SIGMA=	1.9	PHAS=	-133.6	FOM=	0.89	TEST=	0
INDE	13	14	63	FOBS=	39.2	SIGMA=	5.5	PHAS=	135.3	FOM=	0.58	TEST=	0
INDE	13	14	65	FOBS=	47.1	SIGMA=	4.8	PHAS=	58.4	FOM=	0.37	TEST=	0
INDE	13	14	67	FOBS=	97.9	SIGMA=	5.1	PHAS=	-17.6	FOM=	0.66	TEST=	0
INDE	13	15	14	FOBS=	101.5	SIGMA=	0.8	PHAS=	77.6	FOM=	0.94	TEST=	0

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INDE	13	15	16	FOBS=	101.1	SIGMA=	0.7	PHAS=	60.5	FOM=	0.99	TEST=	0
INDE	13	15	18	FOBS=	84.8	SIGMA=	0.8	PHAS=	28.6	FOM=	0.99	TEST=	0
INDE	13	15	20	FOBS=	138.8	SIGMA=	0.6	PHAS=	-90.0	FOM=	0.96	TEST=	0
INDE	13	15	22	FOBS=	81.4	SIGMA=	1.0	PHAS=	152.4	FOM=	0.83	TEST=	0
INDE	13	15	24	FOBS=	162.8	SIGMA=	0.5	PHAS=	158.0	FOM=	0.94	TEST=	0
INDE	13	15	26	FOBS=	67.2	SIGMA=	1.2	PHAS=	-39.8	FOM=	0.51	TEST=	0
INDE	13	15	28	FOBS=	41.6	SIGMA=	2.0	PHAS=	-99.3	FOM=	0.98	TEST=	0
INDE	13	15	30	FOBS=	108.8	SIGMA=	0.9	PHAS=	-122.4	FOM=	0.98	TEST=	1
INDE	13	15	32	FOBS=	216.4	SIGMA=	0.5	PHAS=	-15.6	FOM=	0.98	TEST=	0
INDE	13	15	34	FOBS=	309.8	SIGMA=	0.6	PHAS=	12.0	FOM=	0.94	TEST=	0
INDE	13	15	36	FOBS=	156.3	SIGMA=	0.8	PHAS=	-152.7	FOM=	0.83	TEST=	0
INDE	13	15	38	FOBS=	291.4	SIGMA=	0.6	PHAS=	-118.3	FOM=	0.94	TEST=	0
INDE	13	15	40	FOBS=	91.2	SIGMA=	2.0	PHAS=	-59.3	FOM=	0.31	TEST=	0
INDE	13	15	42	FOBS=	278.9	SIGMA=	0.9	PHAS=	145.2	FOM=	0.97	TEST=	0
INDE	13	15	44	FOBS=	171.2	SIGMA=	1.2	PHAS=	107.0	FOM=	0.90	TEST=	0
INDE	13	15	46	FOBS=	97.9	SIGMA=	1.9	PHAS=	168.3	FOM=	0.93	TEST=	0
INDE	13	15	48	FOBS=	187.4	SIGMA=	0.9	PHAS=	-85.6	FOM=	0.93	TEST=	0
INDE	13	15	50	FOBS=	82.2	SIGMA=	2.0	PHAS=	101.9	FOM=	0.84	TEST=	0
INDE	13	15	52	FOBS=	54.8	SIGMA=	3.1	PHAS=	42.5	FOM=	0.81	TEST=	0
INDE	13	15	54	FOBS=	89.7	SIGMA=	2.0	PHAS=	48.8	FOM=	0.89	TEST=	0
INDE	13	15	56	FOBS=	109.6	SIGMA=	1.6	PHAS=	98.6	FOM=	0.43	TEST=	0
INDE	13	15	58	FOBS=	105.0	SIGMA=	1.9	PHAS=	96.8	FOM=	0.92	TEST=	0
INDE	13	15	60	FOBS=	110.3	SIGMA=	1.8	PHAS=	100.8	FOM=	0.86	TEST=	0
INDE	13	15	62	FOBS=	30.4	SIGMA=	7.2	PHAS=	-157.2	FOM=	0.60	TEST=	0
INDE	13	15	64	FOBS=	25.1	SIGMA=	8.3	PHAS=	-75.1	FOM=	0.06	TEST=	0
INDE	13	15	66	FOBS=	90.8	SIGMA=	5.7	PHAS=	89.9	FOM=	0.87	TEST=	0
INDE	13	16	13	FOBS=	143.5	SIGMA=	0.5	PHAS=	-50.8	FOM=	0.90	TEST=	0
INDE	13	16	15	FOBS=	189.7	SIGMA=	0.5	PHAS=	-0.8	FOM=	0.98	TEST=	0
INDE	13	16	17	FOBS=	166.1	SIGMA=	0.6	PHAS=	-30.3	FOM=	0.98	TEST=	0
INDE	13	16	19	FOBS=	41.1	SIGMA=	1.6	PHAS=	-79.3	FOM=	0.72	TEST=	0
INDE	13	16	21	FOBS=	222.9	SIGMA=	0.4	PHAS=	149.8	FOM=	0.98	TEST=	0
INDE	13	16	23	FOBS=	117.5	SIGMA=	0.7	PHAS=	-22.7	FOM=	0.99	TEST=	0
INDE	13	16	25	FOBS=	48.2	SIGMA=	1.5	PHAS=	152.6	FOM=	0.96	TEST=	0
INDE	13	16	27	FOBS=	317.7	SIGMA=	0.4	PHAS=	-167.5	FOM=	0.97	TEST=	0
INDE	13	16	29	FOBS=	204.8	SIGMA=	0.5	PHAS=	-45.4	FOM=	0.88	TEST=	0
INDE	13	16	31	FOBS=	149.5	SIGMA=	0.7	PHAS=	-132.6	FOM=	0.96	TEST=	0
INDE	13	16	33	FOBS=	162.3	SIGMA=	0.7	PHAS=	-73.6	FOM=	0.84	TEST=	0
INDE	13	16	35	FOBS=	257.6	SIGMA=	0.5	PHAS=	-26.6	FOM=	0.89	TEST=	0
INDE	13	16	37	FOBS=	238.6	SIGMA=	0.6	PHAS=	93.0	FOM=	0.96	TEST=	0
INDE	13	16	39	FOBS=	281.0	SIGMA=	0.7	PHAS=	-172.6	FOM=	0.96	TEST=	0
INDE	13	16	41	FOBS=	189.2	SIGMA=	0.9	PHAS=	175.9	FOM=	0.98	TEST=	1
INDE	13	16	43	FOBS=	324.5	SIGMA=	0.7	PHAS=	43.5	FOM=	0.97	TEST=	0
INDE	13	16	45	FOBS=	25.1	SIGMA=	6.8	PHAS=	67.8	FOM=	0.87	TEST=	0
INDE	13	16	47	FOBS=	135.5	SIGMA=	1.3	PHAS=	-176.1	FOM=	0.92	TEST=	0
INDE	13	16	49	FOBS=	130.6	SIGMA=	1.3	PHAS=	-4.6	FOM=	0.95	TEST=	0
INDE	13	16	51	FOBS=	196.6	SIGMA=	1.0	PHAS=	-38.4	FOM=	0.95	TEST=	0
INDE	13	16	53	FOBS=	64.4	SIGMA=	2.4	PHAS=	-58.0	FOM=	0.41	TEST=	0
INDE	13	16	55	FOBS=	81.1	SIGMA=	1.9	PHAS=	-65.0	FOM=	0.76	TEST=	0
INDE	13	16	57	FOBS=	62.9	SIGMA=	3.2	PHAS=	-50.0	FOM=	0.61	TEST=	0
INDE	13	16	59	FOBS=	86.8	SIGMA=	2.3	PHAS=	-30.7	FOM=	0.87	TEST=	0
INDE	13	16	61	FOBS=	159.7	SIGMA=	1.5	PHAS=	170.6	FOM=	0.97	TEST=	0
INDE	13	16	63	FOBS=	36.3	SIGMA=	5.6	PHAS=	88.3	FOM=	0.68	TEST=	0
INDE	13	16	65	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	17	14	FOBS=	190.5	SIGMA=	0.5	PHAS=	-72.9	FOM=	0.91	TEST=	0
INDE	13	17	16	FOBS=	234.7	SIGMA=	0.4	PHAS=	-132.5	FOM=	0.94	TEST=	0
INDE	13	17	18	FOBS=	66.8	SIGMA=	1.1	PHAS=	-113.8	FOM=	0.95	TEST=	0
INDE	13	17	20	FOBS=	43.2	SIGMA=	1.6	PHAS=	177.1	FOM=	0.79	TEST=	0
INDE	13	17	22	FOBS=	124.8	SIGMA=	0.6	PHAS=	128.6	FOM=	0.96	TEST=	0
INDE	13	17	24	FOBS=	43.5	SIGMA=	1.7	PHAS=	-156.3	FOM=	0.87	TEST=	0
INDE	13	17	26	FOBS=	110.7	SIGMA=	0.8	PHAS=	1.2	FOM=	0.43	TEST=	0
INDE	13	17	28	FOBS=	217.2	SIGMA=	0.5	PHAS=	35.5	FOM=	0.91	TEST=	0
INDE	13	17	30	FOBS=	222.8	SIGMA=	0.5	PHAS=	162.9	FOM=	0.95	TEST=	0
INDE	13	17	32	FOBS=	97.9	SIGMA=	0.9	PHAS=	95.4	FOM=	0.99	TEST=	0
INDE	13	17	34	FOBS=	172.9	SIGMA=	0.6	PHAS=	-39.4	FOM=	0.88	TEST=	0
INDE	13	17	36	FOBS=	182.6	SIGMA=	0.6	PHAS=	-104.7	FOM=	0.96	TEST=	0
INDE	13	17	38	FOBS=	46.4	SIGMA=	2.6	PHAS=	160.3	FOM=	0.93	TEST=	0
INDE	13	17	40	FOBS=	288.7	SIGMA=	0.6	PHAS=	96.0	FOM=	0.97	TEST=	0
INDE	13	17	42	FOBS=	193.5	SIGMA=	0.9	PHAS=	158.5	FOM=	0.98	TEST=	0
INDE	13	17	44	FOBS=	92.5	SIGMA=	2.5	PHAS=	145.8	FOM=	0.88	TEST=	0
INDE	13	17	46	FOBS=	124.2	SIGMA=	1.4	PHAS=	128.1	FOM=	0.85	TEST=	0

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INDE	13	17	48	FOBS=	128.3	SIGMA=	1.3	PHAS=	-95.7	FOM=	0.76	TEST=	0
INDE	13	17	50	FOBS=	206.7	SIGMA=	0.9	PHAS=	-108.8	FOM=	0.96	TEST=	0
INDE	13	17	52	FOBS=	88.6	SIGMA=	1.8	PHAS=	-115.8	FOM=	0.27	TEST=	0
INDE	13	17	54	FOBS=	73.3	SIGMA=	2.1	PHAS=	155.1	FOM=	0.25	TEST=	0
INDE	13	17	56	FOBS=	62.4	SIGMA=	2.4	PHAS=	-11.2	FOM=	0.89	TEST=	1
INDE	13	17	58	FOBS=	67.1	SIGMA=	2.6	PHAS=	93.1	FOM=	0.65	TEST=	0
INDE	13	17	60	FOBS=	70.3	SIGMA=	3.7	PHAS=	91.0	FOM=	0.73	TEST=	0
INDE	13	17	62	FOBS=	147.4	SIGMA=	1.5	PHAS=	89.1	FOM=	0.96	TEST=	0
INDE	13	17	64	FOBS=	70.7	SIGMA=	5.0	PHAS=	146.7	FOM=	0.32	TEST=	1
INDE	13	17	66	FOBS=	43.1	SIGMA=	11.5	PHAS=	160.0	FOM=	0.39	TEST=	0
INDE	13	18	13	FOBS=	149.2	SIGMA=	0.5	PHAS=	79.2	FOM=	0.99	TEST=	0
INDE	13	18	15	FOBS=	231.4	SIGMA=	0.5	PHAS=	112.4	FOM=	0.95	TEST=	0
INDE	13	18	17	FOBS=	33.7	SIGMA=	2.1	PHAS=	-102.3	FOM=	0.61	TEST=	0
INDE	13	18	19	FOBS=	97.5	SIGMA=	0.8	PHAS=	47.3	FOM=	0.78	TEST=	0
INDE	13	18	21	FOBS=	224.7	SIGMA=	0.5	PHAS=	108.4	FOM=	0.96	TEST=	0
INDE	13	18	23	FOBS=	57.6	SIGMA=	1.3	PHAS=	-13.9	FOM=	0.44	TEST=	1
INDE	13	18	25	FOBS=	157.2	SIGMA=	0.6	PHAS=	-164.7	FOM=	0.83	TEST=	1
INDE	13	18	27	FOBS=	263.4	SIGMA=	0.5	PHAS=	-136.5	FOM=	0.94	TEST=	0
INDE	13	18	29	FOBS=	241.9	SIGMA=	0.4	PHAS=	7.1	FOM=	0.95	TEST=	0
INDE	13	18	31	FOBS=	123.3	SIGMA=	0.8	PHAS=	-11.5	FOM=	0.98	TEST=	0
INDE	13	18	33	FOBS=	106.2	SIGMA=	0.9	PHAS=	-75.9	FOM=	0.95	TEST=	0
INDE	13	18	35	FOBS=	191.4	SIGMA=	0.6	PHAS=	33.1	FOM=	0.87	TEST=	0
INDE	13	18	37	FOBS=	365.7	SIGMA=	0.6	PHAS=	100.5	FOM=	0.97	TEST=	0
INDE	13	18	39	FOBS=	52.1	SIGMA=	2.5	PHAS=	-82.5	FOM=	0.87	TEST=	1
INDE	13	18	41	FOBS=	247.8	SIGMA=	0.7	PHAS=	40.9	FOM=	0.96	TEST=	0
INDE	13	18	43	FOBS=	442.1	SIGMA=	0.7	PHAS=	41.1	FOM=	0.99	TEST=	0
INDE	13	18	45	FOBS=	100.6	SIGMA=	1.6	PHAS=	21.5	FOM=	0.89	TEST=	1
INDE	13	18	47	FOBS=	80.4	SIGMA=	2.1	PHAS=	-59.5	FOM=	0.51	TEST=	0
INDE	13	18	49	FOBS=	226.6	SIGMA=	0.8	PHAS=	-100.5	FOM=	0.18	TEST=	1
INDE	13	18	51	FOBS=	196.1	SIGMA=	0.9	PHAS=	-139.0	FOM=	0.94	TEST=	0
INDE	13	18	53	FOBS=	94.0	SIGMA=	1.7	PHAS=	110.7	FOM=	0.10	TEST=	1
INDE	13	18	55	FOBS=	71.9	SIGMA=	2.2	PHAS=	59.3	FOM=	0.75	TEST=	0
INDE	13	18	57	FOBS=	101.1	SIGMA=	1.7	PHAS=	-93.7	FOM=	0.87	TEST=	0
INDE	13	18	59	FOBS=	72.4	SIGMA=	2.5	PHAS=	-15.2	FOM=	0.92	TEST=	0
INDE	13	18	61	FOBS=	57.4	SIGMA=	3.2	PHAS=	90.6	FOM=	0.29	TEST=	0
INDE	13	18	63	FOBS=	56.6	SIGMA=	6.2	PHAS=	102.2	FOM=	0.74	TEST=	0
INDE	13	18	65	FOBS=	58.0	SIGMA=	6.0	PHAS=	80.2	FOM=	0.41	TEST=	0
INDE	13	19	14	FOBS=	141.7	SIGMA=	0.6	PHAS=	-16.7	FOM=	0.97	TEST=	0
INDE	13	19	16	FOBS=	173.3	SIGMA=	0.6	PHAS=	157.8	FOM=	0.98	TEST=	0
INDE	13	19	18	FOBS=	84.2	SIGMA=	0.9	PHAS=	-20.9	FOM=	0.86	TEST=	0
INDE	13	19	20	FOBS=	51.4	SIGMA=	1.5	PHAS=	-95.8	FOM=	0.96	TEST=	1
INDE	13	19	22	FOBS=	103.4	SIGMA=	0.8	PHAS=	75.5	FOM=	0.96	TEST=	0
INDE	13	19	24	FOBS=	81.0	SIGMA=	1.0	PHAS=	-38.5	FOM=	0.84	TEST=	0
INDE	13	19	26	FOBS=	157.0	SIGMA=	0.6	PHAS=	145.2	FOM=	0.90	TEST=	0
INDE	13	19	28	FOBS=	114.3	SIGMA=	0.8	PHAS=	118.2	FOM=	0.85	TEST=	0
INDE	13	19	30	FOBS=	281.7	SIGMA=	0.5	PHAS=	-178.6	FOM=	0.99	TEST=	0
INDE	13	19	32	FOBS=	199.8	SIGMA=	0.5	PHAS=	10.5	FOM=	0.98	TEST=	0
INDE	13	19	34	FOBS=	104.0	SIGMA=	1.0	PHAS=	-64.4	FOM=	0.95	TEST=	0
INDE	13	19	36	FOBS=	289.6	SIGMA=	0.6	PHAS=	-71.4	FOM=	0.94	TEST=	0
INDE	13	19	38	FOBS=	85.3	SIGMA=	1.5	PHAS=	23.4	FOM=	0.98	TEST=	0
INDE	13	19	40	FOBS=	129.3	SIGMA=	1.1	PHAS=	-150.6	FOM=	0.91	TEST=	0
INDE	13	19	42	FOBS=	305.5	SIGMA=	0.6	PHAS=	-67.6	FOM=	0.97	TEST=	0
INDE	13	19	44	FOBS=	169.9	SIGMA=	1.0	PHAS=	-87.2	FOM=	0.91	TEST=	0
INDE	13	19	46	FOBS=	15.2	SIGMA=	11.0	PHAS=	139.5	FOM=	0.18	TEST=	0
INDE	13	19	48	FOBS=	216.1	SIGMA=	0.9	PHAS=	66.9	FOM=	0.94	TEST=	0
INDE	13	19	50	FOBS=	195.4	SIGMA=	0.9	PHAS=	101.0	FOM=	0.86	TEST=	0
INDE	13	19	52	FOBS=	97.2	SIGMA=	1.7	PHAS=	90.3	FOM=	0.35	TEST=	0
INDE	13	19	54	FOBS=	160.7	SIGMA=	1.0	PHAS=	2.5	FOM=	0.95	TEST=	0
INDE	13	19	56	FOBS=	88.8	SIGMA=	1.7	PHAS=	57.1	FOM=	0.93	TEST=	0
INDE	13	19	58	FOBS=	44.6	SIGMA=	3.9	PHAS=	67.6	FOM=	0.85	TEST=	0
INDE	13	19	60	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	19	62	FOBS=	41.4	SIGMA=	6.8	PHAS=	35.9	FOM=	0.80	TEST=	0
INDE	13	19	64	FOBS=	17.5	SIGMA=	19.3	PHAS=	56.4	FOM=	0.18	TEST=	0
INDE	13	20	13	FOBS=	170.6	SIGMA=	0.5	PHAS=	102.8	FOM=	0.80	TEST=	0
INDE	13	20	15	FOBS=	69.1	SIGMA=	1.2	PHAS=	3.5	FOM=	0.72	TEST=	0
INDE	13	20	17	FOBS=	99.9	SIGMA=	0.8	PHAS=	67.0	FOM=	0.92	TEST=	0
INDE	13	20	19	FOBS=	82.0	SIGMA=	1.0	PHAS=	125.9	FOM=	0.99	TEST=	0
INDE	13	20	21	FOBS=	207.5	SIGMA=	0.5	PHAS=	59.7	FOM=	0.99	TEST=	0
INDE	13	20	23	FOBS=	95.2	SIGMA=	0.9	PHAS=	76.5	FOM=	0.98	TEST=	0
INDE	13	20	25	FOBS=	283.8	SIGMA=	0.5	PHAS=	-157.4	FOM=	0.98	TEST=	0

INDE	13	20	27	FOBS=	191.0	SIGMA=	0.6	PHAS=	74.9	FOM=	0.98	TEST=	0
INDE	13	20	29	FOBS=	225.4	SIGMA=	0.5	PHAS=	102.2	FOM=	0.96	TEST=	0
INDE	13	20	31	FOBS=	124.9	SIGMA=	0.8	PHAS=	-81.4	FOM=	0.98	TEST=	0
INDE	13	20	33	FOBS=	46.7	SIGMA=	2.1	PHAS=	-87.0	FOM=	0.74	TEST=	0
INDE	13	20	35	FOBS=	91.8	SIGMA=	1.3	PHAS=	62.3	FOM=	0.71	TEST=	0
INDE	13	20	37	FOBS=	191.2	SIGMA=	0.7	PHAS=	148.1	FOM=	0.88	TEST=	0
INDE	13	20	39	FOBS=	141.1	SIGMA=	1.0	PHAS=	144.3	FOM=	0.82	TEST=	0
INDE	13	20	41	FOBS=	52.0	SIGMA=	2.9	PHAS=	57.4	FOM=	0.81	TEST=	0
INDE	13	20	43	FOBS=	162.3	SIGMA=	1.0	PHAS=	176.2	FOM=	0.93	TEST=	0
INDE	13	20	45	FOBS=	164.3	SIGMA=	1.0	PHAS=	160.4	FOM=	0.92	TEST=	0
INDE	13	20	47	FOBS=	49.7	SIGMA=	3.3	PHAS=	-52.8	FOM=	0.80	TEST=	1
INDE	13	20	49	FOBS=	82.0	SIGMA=	2.0	PHAS=	22.3	FOM=	0.93	TEST=	0
INDE	13	20	51	FOBS=	46.4	SIGMA=	3.5	PHAS=	149.9	FOM=	0.77	TEST=	0
INDE	13	20	53	FOBS=	123.8	SIGMA=	1.3	PHAS=	-109.1	FOM=	0.93	TEST=	0
INDE	13	20	55	FOBS=	92.8	SIGMA=	1.7	PHAS=	-47.8	FOM=	0.92	TEST=	1
INDE	13	20	57	FOBS=	166.4	SIGMA=	1.1	PHAS=	-46.8	FOM=	0.94	TEST=	0
INDE	13	20	59	FOBS=	55.9	SIGMA=	3.0	PHAS=	-46.9	FOM=	0.85	TEST=	0
INDE	13	20	61	FOBS=	46.7	SIGMA=	5.2	PHAS=	-169.1	FOM=	0.63	TEST=	0
INDE	13	20	63	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	20	65	FOBS=	67.6	SIGMA=	5.3	PHAS=	-74.8	FOM=	0.91	TEST=	0
INDE	13	20	67	FOBS=	67.4	SIGMA=	7.5	PHAS=	107.9	FOM=	0.57	TEST=	0
INDE	13	21	14	FOBS=	69.8	SIGMA=	1.1	PHAS=	-138.2	FOM=	0.82	TEST=	0
INDE	13	21	16	FOBS=	17.4	SIGMA=	5.8	PHAS=	74.1	FOM=	0.22	TEST=	0
INDE	13	21	18	FOBS=	206.1	SIGMA=	0.5	PHAS=	-17.0	FOM=	0.96	TEST=	0
INDE	13	21	20	FOBS=	17.7	SIGMA=	4.8	PHAS=	-79.6	FOM=	0.25	TEST=	0
INDE	13	21	22	FOBS=	128.7	SIGMA=	0.7	PHAS=	-58.6	FOM=	0.98	TEST=	0
INDE	13	21	24	FOBS=	99.3	SIGMA=	1.0	PHAS=	-34.9	FOM=	0.27	TEST=	0
INDE	13	21	26	FOBS=	171.2	SIGMA=	0.6	PHAS=	142.2	FOM=	0.98	TEST=	0
INDE	13	21	28	FOBS=	148.2	SIGMA=	0.7	PHAS=	67.2	FOM=	0.92	TEST=	0
INDE	13	21	30	FOBS=	107.7	SIGMA=	1.0	PHAS=	160.8	FOM=	0.99	TEST=	0
INDE	13	21	32	FOBS=	158.2	SIGMA=	0.7	PHAS=	-33.5	FOM=	0.89	TEST=	0
INDE	13	21	34	FOBS=	185.0	SIGMA=	0.7	PHAS=	-48.6	FOM=	0.89	TEST=	0
INDE	13	21	36	FOBS=	78.1	SIGMA=	1.6	PHAS=	13.0	FOM=	0.02	TEST=	0
INDE	13	21	38	FOBS=	142.6	SIGMA=	1.0	PHAS=	71.3	FOM=	0.96	TEST=	0
INDE	13	21	40	FOBS=	113.1	SIGMA=	1.3	PHAS=	3.5	FOM=	0.89	TEST=	0
INDE	13	21	42	FOBS=	55.5	SIGMA=	3.0	PHAS=	15.8	FOM=	0.93	TEST=	0
INDE	13	21	44	FOBS=	141.2	SIGMA=	1.2	PHAS=	62.3	FOM=	0.95	TEST=	0
INDE	13	21	46	FOBS=	126.4	SIGMA=	1.2	PHAS=	101.4	FOM=	0.60	TEST=	1
INDE	13	21	48	FOBS=	102.2	SIGMA=	1.5	PHAS=	136.1	FOM=	0.88	TEST=	0
INDE	13	21	50	FOBS=	217.8	SIGMA=	0.8	PHAS=	50.9	FOM=	0.83	TEST=	0
INDE	13	21	52	FOBS=	43.4	SIGMA=	3.6	PHAS=	32.1	FOM=	0.62	TEST=	0
INDE	13	21	54	FOBS=	79.9	SIGMA=	2.0	PHAS=	-78.1	FOM=	0.92	TEST=	0
INDE	13	21	56	FOBS=	196.9	SIGMA=	1.0	PHAS=	-133.9	FOM=	0.97	TEST=	0
INDE	13	21	58	FOBS=	123.7	SIGMA=	1.5	PHAS=	-89.8	FOM=	0.90	TEST=	0
INDE	13	21	60	FOBS=	112.1	SIGMA=	2.3	PHAS=	75.1	FOM=	0.93	TEST=	0
INDE	13	21	62	FOBS=	67.9	SIGMA=	3.6	PHAS=	137.5	FOM=	0.88	TEST=	0
INDE	13	21	64	FOBS=	122.3	SIGMA=	2.5	PHAS=	-165.3	FOM=	0.97	TEST=	0
INDE	13	21	66	FOBS=	124.3	SIGMA=	4.1	PHAS=	32.8	FOM=	0.93	TEST=	0
INDE	13	21	68	FOBS=	59.8	SIGMA=	8.5	PHAS=	-136.5	FOM=	0.77	TEST=	0
INDE	13	22	13	FOBS=	137.4	SIGMA=	0.6	PHAS=	60.3	FOM=	0.96	TEST=	0
INDE	13	22	15	FOBS=	85.0	SIGMA=	1.0	PHAS=	9.8	FOM=	0.80	TEST=	0
INDE	13	22	17	FOBS=	129.9	SIGMA=	0.7	PHAS=	-122.8	FOM=	0.98	TEST=	0
INDE	13	22	19	FOBS=	105.8	SIGMA=	0.8	PHAS=	155.8	FOM=	0.93	TEST=	0
INDE	13	22	21	FOBS=	52.2	SIGMA=	1.6	PHAS=	31.4	FOM=	0.97	TEST=	0
INDE	13	22	23	FOBS=	204.4	SIGMA=	0.6	PHAS=	102.6	FOM=	0.98	TEST=	0
INDE	13	22	25	FOBS=	198.7	SIGMA=	0.6	PHAS=	140.5	FOM=	0.89	TEST=	0
INDE	13	22	27	FOBS=	427.9	SIGMA=	0.5	PHAS=	74.6	FOM=	0.97	TEST=	0
INDE	13	22	29	FOBS=	141.0	SIGMA=	0.8	PHAS=	131.0	FOM=	0.33	TEST=	1
INDE	13	22	31	FOBS=	80.3	SIGMA=	1.3	PHAS=	79.2	FOM=	0.93	TEST=	0
INDE	13	22	33	FOBS=	94.6	SIGMA=	1.3	PHAS=	164.3	FOM=	0.87	TEST=	0
INDE	13	22	35	FOBS=	84.2	SIGMA=	1.6	PHAS=	-170.1	FOM=	0.80	TEST=	0
INDE	13	22	37	FOBS=	149.4	SIGMA=	1.0	PHAS=	72.0	FOM=	0.97	TEST=	0
INDE	13	22	39	FOBS=	68.3	SIGMA=	2.1	PHAS=	167.3	FOM=	0.92	TEST=	1
INDE	13	22	41	FOBS=	157.4	SIGMA=	1.0	PHAS=	-41.5	FOM=	0.91	TEST=	0
INDE	13	22	43	FOBS=	170.2	SIGMA=	1.0	PHAS=	-137.6	FOM=	0.84	TEST=	0
INDE	13	22	45	FOBS=	64.4	SIGMA=	2.3	PHAS=	-64.1	FOM=	0.75	TEST=	0
INDE	13	22	47	FOBS=	97.1	SIGMA=	1.5	PHAS=	-4.2	FOM=	0.97	TEST=	0
INDE	13	22	49	FOBS=	120.9	SIGMA=	1.3	PHAS=	-30.2	FOM=	0.40	TEST=	1
INDE	13	22	51	FOBS=	45.3	SIGMA=	3.3	PHAS=	-125.2	FOM=	0.70	TEST=	0
INDE	13	22	53	FOBS=	87.0	SIGMA=	1.9	PHAS=	-137.0	FOM=	0.82	TEST=	0

INDE	13	22	55	FOBS=	141.5	SIGMA=	1.2	PHAS=	167.0	FOM=	0.92	TEST=	0
INDE	13	22	57	FOBS=	121.4	SIGMA=	1.5	PHAS=	172.3	FOM=	0.93	TEST=	0
INDE	13	22	59	FOBS=	85.1	SIGMA=	2.7	PHAS=	-115.8	FOM=	0.84	TEST=	0
INDE	13	22	61	FOBS=	110.7	SIGMA=	2.3	PHAS=	38.4	FOM=	0.86	TEST=	0
INDE	13	22	63	FOBS=	83.6	SIGMA=	3.0	PHAS=	103.5	FOM=	0.95	TEST=	0
INDE	13	22	65	FOBS=	63.4	SIGMA=	7.8	PHAS=	-55.9	FOM=	0.82	TEST=	0
INDE	13	22	67	FOBS=	6.7	SIGMA=	74.6	PHAS=	-126.6	FOM=	0.21	TEST=	0
INDE	13	22	69	FOBS=	13.3	SIGMA=	38.1	PHAS=	-22.1	FOM=	0.35	TEST=	0
INDE	13	22	71	FOBS=	22.1	SIGMA=	23.5	PHAS=	32.1	FOM=	0.15	TEST=	0
INDE	13	23	14	FOBS=	173.5	SIGMA=	0.5	PHAS=	-69.0	FOM=	0.98	TEST=	1
INDE	13	23	16	FOBS=	83.8	SIGMA=	1.1	PHAS=	156.4	FOM=	0.98	TEST=	0
INDE	13	23	18	FOBS=	71.4	SIGMA=	1.1	PHAS=	69.6	FOM=	0.72	TEST=	0
INDE	13	23	20	FOBS=	65.1	SIGMA=	1.3	PHAS=	-61.2	FOM=	0.92	TEST=	0
INDE	13	23	22	FOBS=	143.5	SIGMA=	0.8	PHAS=	3.3	FOM=	0.77	TEST=	1
INDE	13	23	24	FOBS=	196.3	SIGMA=	0.6	PHAS=	7.2	FOM=	0.97	TEST=	0
INDE	13	23	26	FOBS=	180.9	SIGMA=	0.7	PHAS=	28.7	FOM=	0.89	TEST=	0
INDE	13	23	28	FOBS=	177.1	SIGMA=	0.7	PHAS=	21.8	FOM=	0.66	TEST=	1
INDE	13	23	30	FOBS=	77.3	SIGMA=	1.5	PHAS=	42.7	FOM=	0.98	TEST=	0
INDE	13	23	32	FOBS=	337.6	SIGMA=	0.7	PHAS=	-91.5	FOM=	0.96	TEST=	0
INDE	13	23	34	FOBS=	120.8	SIGMA=	1.1	PHAS=	-22.4	FOM=	0.55	TEST=	0
INDE	13	23	36	FOBS=	175.1	SIGMA=	0.9	PHAS=	165.2	FOM=	0.85	TEST=	0
INDE	13	23	38	FOBS=	85.3	SIGMA=	1.7	PHAS=	-40.4	FOM=	0.93	TEST=	0
INDE	13	23	40	FOBS=	142.0	SIGMA=	1.1	PHAS=	90.2	FOM=	0.82	TEST=	0
INDE	13	23	42	FOBS=	136.0	SIGMA=	1.2	PHAS=	171.0	FOM=	0.46	TEST=	0
INDE	13	23	44	FOBS=	166.3	SIGMA=	1.0	PHAS=	100.6	FOM=	0.90	TEST=	0
INDE	13	23	46	FOBS=	133.5	SIGMA=	1.2	PHAS=	-63.4	FOM=	0.85	TEST=	0
INDE	13	23	48	FOBS=	112.2	SIGMA=	1.3	PHAS=	-77.7	FOM=	0.60	TEST=	0
INDE	13	23	50	FOBS=	74.0	SIGMA=	2.0	PHAS=	-159.1	FOM=	0.70	TEST=	0
INDE	13	23	52	FOBS=	131.5	SIGMA=	1.2	PHAS=	140.4	FOM=	0.92	TEST=	0
INDE	13	23	54	FOBS=	0.0	SIGMA=	17.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	13	23	56	FOBS=	93.4	SIGMA=	2.0	PHAS=	-177.1	FOM=	0.92	TEST=	0
INDE	13	23	58	FOBS=	55.8	SIGMA=	3.7	PHAS=	179.4	FOM=	0.83	TEST=	0
INDE	13	23	60	FOBS=	105.6	SIGMA=	2.4	PHAS=	29.6	FOM=	0.83	TEST=	0
INDE	13	23	62	FOBS=	35.0	SIGMA=	7.2	PHAS=	91.0	FOM=	0.42	TEST=	0
INDE	13	23	64	FOBS=	61.0	SIGMA=	2.6	PHAS=	-111.7	FOM=	0.79	TEST=	0
INDE	13	23	66	FOBS=	0.0	SIGMA=	31.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	23	68	FOBS=	87.7	SIGMA=	5.8	PHAS=	-144.5	FOM=	0.88	TEST=	0
INDE	13	23	70	FOBS=	0.0	SIGMA=	32.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	23	72	FOBS=	0.0	SIGMA=	32.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	24	13	FOBS=	102.5	SIGMA=	0.7	PHAS=	-140.3	FOM=	0.92	TEST=	0
INDE	13	24	15	FOBS=	103.3	SIGMA=	0.8	PHAS=	-73.8	FOM=	0.99	TEST=	0
INDE	13	24	17	FOBS=	63.4	SIGMA=	1.6	PHAS=	115.5	FOM=	0.72	TEST=	0
INDE	13	24	19	FOBS=	126.9	SIGMA=	0.7	PHAS=	75.9	FOM=	0.52	TEST=	0
INDE	13	24	21	FOBS=	166.2	SIGMA=	0.6	PHAS=	-133.9	FOM=	0.97	TEST=	0
INDE	13	24	23	FOBS=	116.0	SIGMA=	1.0	PHAS=	151.3	FOM=	0.60	TEST=	0
INDE	13	24	25	FOBS=	115.7	SIGMA=	0.9	PHAS=	54.0	FOM=	0.98	TEST=	0
INDE	13	24	27	FOBS=	219.8	SIGMA=	0.7	PHAS=	51.1	FOM=	0.91	TEST=	0
INDE	13	24	29	FOBS=	59.1	SIGMA=	2.3	PHAS=	-77.2	FOM=	0.92	TEST=	0
INDE	13	24	31	FOBS=	343.0	SIGMA=	0.6	PHAS=	87.2	FOM=	0.90	TEST=	0
INDE	13	24	33	FOBS=	400.1	SIGMA=	0.7	PHAS=	176.8	FOM=	0.96	TEST=	0
INDE	13	24	35	FOBS=	224.9	SIGMA=	0.7	PHAS=	156.6	FOM=	0.95	TEST=	0
INDE	13	24	37	FOBS=	58.8	SIGMA=	2.6	PHAS=	112.7	FOM=	0.86	TEST=	0
INDE	13	24	39	FOBS=	100.8	SIGMA=	1.6	PHAS=	-82.5	FOM=	0.95	TEST=	0
INDE	13	24	41	FOBS=	167.2	SIGMA=	1.0	PHAS=	8.8	FOM=	0.93	TEST=	0
INDE	13	24	43	FOBS=	62.5	SIGMA=	2.5	PHAS=	-70.8	FOM=	0.80	TEST=	0
INDE	13	24	45	FOBS=	103.0	SIGMA=	1.5	PHAS=	-109.7	FOM=	0.67	TEST=	1
INDE	13	24	47	FOBS=	0.0	SIGMA=	18.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	24	49	FOBS=	0.0	SIGMA=	17.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	24	51	FOBS=	140.1	SIGMA=	1.1	PHAS=	85.9	FOM=	0.94	TEST=	0
INDE	13	24	53	FOBS=	23.0	SIGMA=	7.2	PHAS=	69.9	FOM=	0.56	TEST=	0
INDE	13	24	55	FOBS=	159.7	SIGMA=	1.4	PHAS=	104.9	FOM=	0.96	TEST=	0
INDE	13	24	57	FOBS=	172.9	SIGMA=	1.4	PHAS=	95.5	FOM=	0.97	TEST=	0
INDE	13	24	59	FOBS=	66.6	SIGMA=	3.8	PHAS=	-35.4	FOM=	0.81	TEST=	0
INDE	13	24	61	FOBS=	0.0	SIGMA=	27.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	24	63	FOBS=	92.6	SIGMA=	3.2	PHAS=	142.1	FOM=	0.88	TEST=	0
INDE	13	24	65	FOBS=	0.0	SIGMA=	18.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	24	67	FOBS=	57.9	SIGMA=	8.8	PHAS=	-150.2	FOM=	0.88	TEST=	0
INDE	13	24	69	FOBS=	0.0	SIGMA=	31.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	24	71	FOBS=	0.0	SIGMA=	32.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	25	14	FOBS=	76.4	SIGMA=	1.1	PHAS=	161.2	FOM=	0.98	TEST=	0

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INDE	13	25	16	FOBS=	82.8	SIGMA=	1.1	PHAS=	71.5	FOM=	0.97	TEST=	0
INDE	13	25	18	FOBS=	193.0	SIGMA=	0.6	PHAS=	-144.8	FOM=	0.34	TEST=	1
INDE	13	25	20	FOBS=	33.5	SIGMA=	2.4	PHAS=	-158.1	FOM=	0.78	TEST=	0
INDE	13	25	22	FOBS=	55.4	SIGMA=	1.6	PHAS=	-161.2	FOM=	0.95	TEST=	0
INDE	13	25	24	FOBS=	258.0	SIGMA=	0.6	PHAS=	-71.6	FOM=	0.98	TEST=	0
INDE	13	25	26	FOBS=	325.3	SIGMA=	0.6	PHAS=	-38.4	FOM=	0.96	TEST=	0
INDE	13	25	28	FOBS=	327.6	SIGMA=	0.7	PHAS=	175.0	FOM=	0.98	TEST=	0
INDE	13	25	30	FOBS=	111.7	SIGMA=	1.3	PHAS=	-1.3	FOM=	0.99	TEST=	0
INDE	13	25	32	FOBS=	228.7	SIGMA=	0.7	PHAS=	-55.2	FOM=	0.85	TEST=	0
INDE	13	25	34	FOBS=	130.7	SIGMA=	1.1	PHAS=	28.4	FOM=	0.83	TEST=	0
INDE	13	25	36	FOBS=	31.1	SIGMA=	4.8	PHAS=	68.4	FOM=	0.59	TEST=	0
INDE	13	25	38	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	25	40	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	25	42	FOBS=	136.1	SIGMA=	1.2	PHAS=	-37.6	FOM=	0.87	TEST=	0
INDE	13	25	44	FOBS=	116.7	SIGMA=	1.3	PHAS=	-172.4	FOM=	0.39	TEST=	1
INDE	13	25	46	FOBS=	113.0	SIGMA=	1.4	PHAS=	-134.3	FOM=	0.91	TEST=	0
INDE	13	25	48	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	25	50	FOBS=	68.1	SIGMA=	2.1	PHAS=	45.2	FOM=	0.89	TEST=	0
INDE	13	25	52	FOBS=	33.6	SIGMA=	4.8	PHAS=	-72.7	FOM=	0.38	TEST=	0
INDE	13	25	54	FOBS=	135.9	SIGMA=	1.5	PHAS=	-6.8	FOM=	0.97	TEST=	0
INDE	13	25	56	FOBS=	132.2	SIGMA=	1.5	PHAS=	-5.2	FOM=	0.95	TEST=	0
INDE	13	25	58	FOBS=	59.0	SIGMA=	3.9	PHAS=	96.1	FOM=	0.23	TEST=	0
INDE	13	25	60	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	25	62	FOBS=	17.6	SIGMA=	21.4	PHAS=	10.8	FOM=	0.00	TEST=	1
INDE	13	25	64	FOBS=	0.0	SIGMA=	31.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	25	66	FOBS=	58.3	SIGMA=	2.8	PHAS=	-147.6	FOM=	0.83	TEST=	0
INDE	13	25	68	FOBS=	126.0	SIGMA=	4.0	PHAS=	147.5	FOM=	0.96	TEST=	0
INDE	13	25	70	FOBS=	30.9	SIGMA=	16.8	PHAS=	-18.3	FOM=	0.51	TEST=	0
INDE	13	25	72	FOBS=	0.0	SIGMA=	32.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	26	13	FOBS=	9.4	SIGMA=	9.0	PHAS=	-77.3	FOM=	0.05	TEST=	0
INDE	13	26	15	FOBS=	179.3	SIGMA=	0.6	PHAS=	-18.1	FOM=	0.95	TEST=	0
INDE	13	26	17	FOBS=	144.7	SIGMA=	0.8	PHAS=	50.6	FOM=	0.88	TEST=	0
INDE	13	26	19	FOBS=	285.8	SIGMA=	0.5	PHAS=	93.8	FOM=	0.94	TEST=	0
INDE	13	26	21	FOBS=	253.8	SIGMA=	0.5	PHAS=	155.0	FOM=	0.94	TEST=	0
INDE	13	26	23	FOBS=	297.1	SIGMA=	0.5	PHAS=	-166.5	FOM=	0.98	TEST=	0
INDE	13	26	25	FOBS=	265.0	SIGMA=	0.6	PHAS=	149.6	FOM=	0.90	TEST=	0
INDE	13	26	27	FOBS=	236.0	SIGMA=	0.7	PHAS=	145.1	FOM=	0.98	TEST=	0
INDE	13	26	29	FOBS=	291.7	SIGMA=	0.7	PHAS=	95.9	FOM=	0.97	TEST=	0
INDE	13	26	31	FOBS=	101.7	SIGMA=	1.5	PHAS=	1.6	FOM=	0.90	TEST=	0
INDE	13	26	33	FOBS=	15.7	SIGMA=	10.9	PHAS=	-169.1	FOM=	0.39	TEST=	0
INDE	13	26	35	FOBS=	212.5	SIGMA=	0.8	PHAS=	104.4	FOM=	0.92	TEST=	0
INDE	13	26	37	FOBS=	55.0	SIGMA=	2.9	PHAS=	101.1	FOM=	0.94	TEST=	0
INDE	13	26	39	FOBS=	138.1	SIGMA=	1.3	PHAS=	0.9	FOM=	0.87	TEST=	0
INDE	13	26	41	FOBS=	128.0	SIGMA=	1.4	PHAS=	-120.0	FOM=	0.72	TEST=	1
INDE	13	26	43	FOBS=	140.5	SIGMA=	1.2	PHAS=	-88.0	FOM=	0.59	TEST=	1
INDE	13	26	45	FOBS=	174.9	SIGMA=	0.9	PHAS=	146.3	FOM=	0.93	TEST=	0
INDE	13	26	47	FOBS=	108.2	SIGMA=	1.4	PHAS=	144.8	FOM=	0.92	TEST=	0
INDE	13	26	49	FOBS=	174.4	SIGMA=	0.9	PHAS=	-6.2	FOM=	0.91	TEST=	0
INDE	13	26	51	FOBS=	119.3	SIGMA=	1.3	PHAS=	-73.3	FOM=	0.59	TEST=	1
INDE	13	26	53	FOBS=	100.9	SIGMA=	1.7	PHAS=	-136.0	FOM=	0.94	TEST=	0
INDE	13	26	55	FOBS=	44.1	SIGMA=	4.5	PHAS=	-2.7	FOM=	0.27	TEST=	1
INDE	13	26	57	FOBS=	81.9	SIGMA=	2.4	PHAS=	57.9	FOM=	0.37	TEST=	0
INDE	13	26	59	FOBS=	100.4	SIGMA=	2.6	PHAS=	41.1	FOM=	0.90	TEST=	0
INDE	13	26	61	FOBS=	49.8	SIGMA=	5.1	PHAS=	-172.8	FOM=	0.67	TEST=	0
INDE	13	26	63	FOBS=	59.4	SIGMA=	5.7	PHAS=	154.2	FOM=	0.54	TEST=	0
INDE	13	26	65	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	26	67	FOBS=	103.6	SIGMA=	1.8	PHAS=	75.0	FOM=	0.94	TEST=	0
INDE	13	26	69	FOBS=	55.8	SIGMA=	9.1	PHAS=	34.8	FOM=	0.08	TEST=	1
INDE	13	26	71	FOBS=	0.0	SIGMA=	32.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	27	14	FOBS=	246.2	SIGMA=	0.5	PHAS=	-152.5	FOM=	0.99	TEST=	0
INDE	13	27	16	FOBS=	249.9	SIGMA=	0.6	PHAS=	-29.7	FOM=	0.95	TEST=	0
INDE	13	27	18	FOBS=	188.5	SIGMA=	0.6	PHAS=	-8.4	FOM=	0.94	TEST=	0
INDE	13	27	20	FOBS=	183.6	SIGMA=	0.6	PHAS=	41.4	FOM=	0.99	TEST=	0
INDE	13	27	22	FOBS=	308.0	SIGMA=	0.5	PHAS=	101.3	FOM=	0.93	TEST=	0
INDE	13	27	24	FOBS=	151.3	SIGMA=	0.9	PHAS=	123.6	FOM=	0.98	TEST=	0
INDE	13	27	26	FOBS=	235.3	SIGMA=	0.7	PHAS=	14.1	FOM=	0.96	TEST=	0
INDE	13	27	28	FOBS=	166.1	SIGMA=	0.9	PHAS=	115.7	FOM=	0.93	TEST=	0
INDE	13	27	30	FOBS=	77.6	SIGMA=	1.9	PHAS=	-122.8	FOM=	0.86	TEST=	0
INDE	13	27	32	FOBS=	55.9	SIGMA=	2.8	PHAS=	-136.1	FOM=	0.13	TEST=	0
INDE	13	27	34	FOBS=	201.7	SIGMA=	0.9	PHAS=	-84.9	FOM=	0.94	TEST=	0

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INDE	13	27	36	FOBS=	180.9	SIGMA=	1.0	PHAS=	-7.0	FOM=	0.92	TEST=	0
INDE	13	27	38	FOBS=	188.2	SIGMA=	1.6	PHAS=	-16.7	FOM=	0.93	TEST=	0
INDE	13	27	40	FOBS=	229.1	SIGMA=	0.9	PHAS=	85.0	FOM=	0.94	TEST=	0
INDE	13	27	42	FOBS=	117.2	SIGMA=	1.5	PHAS=	-123.7	FOM=	0.90	TEST=	0
INDE	13	27	44	FOBS=	136.8	SIGMA=	1.2	PHAS=	110.6	FOM=	0.93	TEST=	0
INDE	13	27	46	FOBS=	81.5	SIGMA=	1.9	PHAS=	58.4	FOM=	0.91	TEST=	0
INDE	13	27	48	FOBS=	103.6	SIGMA=	1.4	PHAS=	-122.9	FOM=	0.76	TEST=	0
INDE	13	27	50	FOBS=	145.5	SIGMA=	1.3	PHAS=	-172.1	FOM=	0.92	TEST=	0
INDE	13	27	52	FOBS=	27.2	SIGMA=	6.5	PHAS=	-150.0	FOM=	0.62	TEST=	0
INDE	13	27	54	FOBS=	92.4	SIGMA=	1.9	PHAS=	-178.5	FOM=	0.88	TEST=	0
INDE	13	27	56	FOBS=	153.6	SIGMA=	1.2	PHAS=	-33.8	FOM=	0.93	TEST=	0
INDE	13	27	58	FOBS=	120.9	SIGMA=	1.8	PHAS=	-74.2	FOM=	0.91	TEST=	0
INDE	13	27	60	FOBS=	73.5	SIGMA=	3.5	PHAS=	-129.3	FOM=	0.88	TEST=	0
INDE	13	27	62	FOBS=	31.0	SIGMA=	10.8	PHAS=	157.9	FOM=	0.45	TEST=	0
INDE	13	27	64	FOBS=	0.0	SIGMA=	31.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	27	66	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	27	68	FOBS=	0.0	SIGMA=	31.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	27	70	FOBS=	0.0	SIGMA=	31.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	28	13	FOBS=	56.7	SIGMA=	1.4	PHAS=	114.0	FOM=	0.42	TEST=	0
INDE	13	28	15	FOBS=	98.8	SIGMA=	0.9	PHAS=	-160.1	FOM=	0.91	TEST=	0
INDE	13	28	17	FOBS=	259.6	SIGMA=	0.6	PHAS=	-53.8	FOM=	0.93	TEST=	0
INDE	13	28	19	FOBS=	312.7	SIGMA=	0.5	PHAS=	98.5	FOM=	0.95	TEST=	0
INDE	13	28	21	FOBS=	257.3	SIGMA=	0.5	PHAS=	85.5	FOM=	0.94	TEST=	0
INDE	13	28	23	FOBS=	0.0	SIGMA=	15.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	28	25	FOBS=	289.0	SIGMA=	0.7	PHAS=	90.7	FOM=	0.99	TEST=	0
INDE	13	28	27	FOBS=	0.0	SIGMA=	16.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	28	29	FOBS=	253.5	SIGMA=	0.7	PHAS=	80.3	FOM=	0.96	TEST=	0
INDE	13	28	31	FOBS=	95.6	SIGMA=	1.7	PHAS=	47.2	FOM=	0.90	TEST=	0
INDE	13	28	33	FOBS=	67.3	SIGMA=	2.5	PHAS=	94.4	FOM=	0.57	TEST=	0
INDE	13	28	35	FOBS=	82.6	SIGMA=	2.2	PHAS=	136.0	FOM=	0.44	TEST=	0
INDE	13	28	37	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	28	39	FOBS=	248.9	SIGMA=	0.8	PHAS=	18.1	FOM=	0.96	TEST=	0
INDE	13	28	41	FOBS=	156.5	SIGMA=	1.2	PHAS=	-168.7	FOM=	0.88	TEST=	0
INDE	13	28	43	FOBS=	108.2	SIGMA=	1.6	PHAS=	158.5	FOM=	0.92	TEST=	0
INDE	13	28	45	FOBS=	27.0	SIGMA=	6.4	PHAS=	-79.3	FOM=	0.45	TEST=	0
INDE	13	28	47	FOBS=	160.8	SIGMA=	1.1	PHAS=	53.5	FOM=	0.96	TEST=	1
INDE	13	28	49	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	28	51	FOBS=	48.2	SIGMA=	3.6	PHAS=	10.0	FOM=	0.71	TEST=	0
INDE	13	28	53	FOBS=	99.3	SIGMA=	1.8	PHAS=	64.2	FOM=	0.86	TEST=	0
INDE	13	28	55	FOBS=	64.9	SIGMA=	2.6	PHAS=	-109.7	FOM=	0.45	TEST=	0
INDE	13	28	57	FOBS=	106.7	SIGMA=	1.9	PHAS=	-121.0	FOM=	0.60	TEST=	1
INDE	13	28	59	FOBS=	82.4	SIGMA=	2.6	PHAS=	128.8	FOM=	0.86	TEST=	0
INDE	13	28	61	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	13	28	63	FOBS=	75.7	SIGMA=	4.6	PHAS=	8.2	FOM=	0.86	TEST=	0
INDE	13	28	65	FOBS=	55.7	SIGMA=	3.9	PHAS=	94.5	FOM=	0.43	TEST=	0
INDE	13	28	67	FOBS=	55.5	SIGMA=	3.9	PHAS=	-135.5	FOM=	0.70	TEST=	0
INDE	13	28	69	FOBS=	0.0	SIGMA=	31.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	28	71	FOBS=	0.0	SIGMA=	32.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	29	14	FOBS=	162.8	SIGMA=	0.6	PHAS=	-176.4	FOM=	0.94	TEST=	0
INDE	13	29	16	FOBS=	109.8	SIGMA=	0.9	PHAS=	-114.4	FOM=	0.71	TEST=	1
INDE	13	29	18	FOBS=	183.0	SIGMA=	0.7	PHAS=	-51.4	FOM=	0.92	TEST=	0
INDE	13	29	20	FOBS=	380.3	SIGMA=	0.5	PHAS=	-21.4	FOM=	0.97	TEST=	0
INDE	13	29	22	FOBS=	61.6	SIGMA=	1.7	PHAS=	59.3	FOM=	0.94	TEST=	0
INDE	13	29	24	FOBS=	262.5	SIGMA=	0.6	PHAS=	37.9	FOM=	0.89	TEST=	0
INDE	13	29	26	FOBS=	130.6	SIGMA=	1.1	PHAS=	-87.0	FOM=	0.96	TEST=	0
INDE	13	29	28	FOBS=	41.3	SIGMA=	3.4	PHAS=	109.3	FOM=	0.90	TEST=	0
INDE	13	29	30	FOBS=	317.9	SIGMA=	0.9	PHAS=	-84.9	FOM=	0.92	TEST=	0
INDE	13	29	32	FOBS=	187.8	SIGMA=	1.1	PHAS=	-72.6	FOM=	0.79	TEST=	0
INDE	13	29	34	FOBS=	218.6	SIGMA=	0.9	PHAS=	-141.3	FOM=	0.93	TEST=	0
INDE	13	29	36	FOBS=	197.1	SIGMA=	1.0	PHAS=	-105.0	FOM=	0.93	TEST=	0
INDE	13	29	38	FOBS=	361.9	SIGMA=	1.1	PHAS=	1.5	FOM=	0.98	TEST=	0
INDE	13	29	40	FOBS=	216.1	SIGMA=	0.9	PHAS=	40.6	FOM=	0.96	TEST=	0
INDE	13	29	42	FOBS=	91.9	SIGMA=	2.0	PHAS=	113.2	FOM=	0.90	TEST=	0
INDE	13	29	44	FOBS=	83.8	SIGMA=	2.0	PHAS=	132.6	FOM=	0.91	TEST=	0
INDE	13	29	46	FOBS=	67.0	SIGMA=	2.9	PHAS=	11.5	FOM=	0.94	TEST=	0
INDE	13	29	48	FOBS=	25.4	SIGMA=	7.6	PHAS=	-65.8	FOM=	0.84	TEST=	0
INDE	13	29	50	FOBS=	39.2	SIGMA=	4.6	PHAS=	-70.1	FOM=	0.41	TEST=	0
INDE	13	29	52	FOBS=	113.6	SIGMA=	1.6	PHAS=	-69.7	FOM=	0.92	TEST=	0
INDE	13	29	54	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	29	56	FOBS=	86.1	SIGMA=	2.2	PHAS=	153.4	FOM=	0.86	TEST=	0

INDE	13	29	58	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	29	60	FOBS=	58.8	SIGMA=	3.6	PHAS=	179.9	FOM=	0.83	TEST=	0
INDE	13	29	62	FOBS=	39.8	SIGMA=	7.2	PHAS=	-99.8	FOM=	0.48	TEST=	1
INDE	13	29	64	FOBS=	54.8	SIGMA=	6.3	PHAS=	-88.8	FOM=	0.74	TEST=	0
INDE	13	29	66	FOBS=	96.6	SIGMA=	2.4	PHAS=	142.3	FOM=	0.88	TEST=	0
INDE	13	29	68	FOBS=	13.3	SIGMA=	16.4	PHAS=	85.1	FOM=	0.09	TEST=	0
INDE	13	29	70	FOBS=	0.0	SIGMA=	31.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	30	13	FOBS=	52.9	SIGMA=	1.6	PHAS=	-122.5	FOM=	0.94	TEST=	0
INDE	13	30	15	FOBS=	218.3	SIGMA=	0.6	PHAS=	168.2	FOM=	0.96	TEST=	0
INDE	13	30	17	FOBS=	221.3	SIGMA=	0.6	PHAS=	157.0	FOM=	0.98	TEST=	0
INDE	13	30	19	FOBS=	91.6	SIGMA=	1.3	PHAS=	170.8	FOM=	0.90	TEST=	0
INDE	13	30	21	FOBS=	41.5	SIGMA=	2.9	PHAS=	-157.7	FOM=	0.86	TEST=	0
INDE	13	30	23	FOBS=	295.3	SIGMA=	0.5	PHAS=	-80.2	FOM=	0.66	TEST=	1
INDE	13	30	25	FOBS=	137.9	SIGMA=	0.9	PHAS=	115.5	FOM=	0.92	TEST=	1
INDE	13	30	27	FOBS=	150.3	SIGMA=	1.0	PHAS=	-158.2	FOM=	0.81	TEST=	0
INDE	13	30	29	FOBS=	0.0	SIGMA=	17.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	30	31	FOBS=	396.4	SIGMA=	1.0	PHAS=	147.1	FOM=	0.97	TEST=	0
INDE	13	30	33	FOBS=	145.2	SIGMA=	1.3	PHAS=	164.4	FOM=	0.94	TEST=	0
INDE	13	30	35	FOBS=	117.7	SIGMA=	1.7	PHAS=	101.0	FOM=	0.17	TEST=	1
INDE	13	30	37	FOBS=	47.3	SIGMA=	4.1	PHAS=	-122.7	FOM=	0.80	TEST=	0
INDE	13	30	39	FOBS=	122.9	SIGMA=	1.6	PHAS=	-26.8	FOM=	0.84	TEST=	0
INDE	13	30	41	FOBS=	139.0	SIGMA=	1.4	PHAS=	-62.5	FOM=	0.86	TEST=	0
INDE	13	30	43	FOBS=	68.0	SIGMA=	2.7	PHAS=	-98.4	FOM=	0.92	TEST=	0
INDE	13	30	45	FOBS=	65.0	SIGMA=	3.0	PHAS=	-6.1	FOM=	0.58	TEST=	0
INDE	13	30	47	FOBS=	80.2	SIGMA=	2.4	PHAS=	44.3	FOM=	0.93	TEST=	0
INDE	13	30	49	FOBS=	128.3	SIGMA=	1.6	PHAS=	-121.1	FOM=	0.92	TEST=	0
INDE	13	30	51	FOBS=	47.8	SIGMA=	4.0	PHAS=	10.9	FOM=	0.31	TEST=	1
INDE	13	30	53	FOBS=	90.0	SIGMA=	1.9	PHAS=	-159.1	FOM=	0.84	TEST=	0
INDE	13	30	55	FOBS=	28.2	SIGMA=	5.9	PHAS=	95.9	FOM=	0.25	TEST=	0
INDE	13	30	57	FOBS=	103.8	SIGMA=	1.8	PHAS=	143.1	FOM=	0.82	TEST=	0
INDE	13	30	59	FOBS=	53.5	SIGMA=	3.4	PHAS=	115.1	FOM=	0.64	TEST=	0
INDE	13	30	61	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	30	63	FOBS=	36.6	SIGMA=	7.9	PHAS=	-31.1	FOM=	0.58	TEST=	0
INDE	13	30	65	FOBS=	21.4	SIGMA=	23.2	PHAS=	32.6	FOM=	0.47	TEST=	0
INDE	13	30	67	FOBS=	57.3	SIGMA=	4.1	PHAS=	-101.7	FOM=	0.08	TEST=	1
INDE	13	30	69	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	31	14	FOBS=	55.6	SIGMA=	1.7	PHAS=	-50.6	FOM=	0.84	TEST=	0
INDE	13	31	16	FOBS=	231.2	SIGMA=	0.7	PHAS=	94.2	FOM=	0.99	TEST=	0
INDE	13	31	18	FOBS=	68.9	SIGMA=	1.8	PHAS=	-36.4	FOM=	0.90	TEST=	0
INDE	13	31	20	FOBS=	114.4	SIGMA=	1.1	PHAS=	-31.4	FOM=	0.96	TEST=	0
INDE	13	31	22	FOBS=	267.1	SIGMA=	0.7	PHAS=	156.8	FOM=	0.98	TEST=	0
INDE	13	31	24	FOBS=	169.1	SIGMA=	0.8	PHAS=	52.3	FOM=	0.93	TEST=	1
INDE	13	31	26	FOBS=	203.3	SIGMA=	0.8	PHAS=	-154.8	FOM=	0.85	TEST=	0
INDE	13	31	28	FOBS=	145.4	SIGMA=	1.1	PHAS=	111.0	FOM=	0.86	TEST=	0
INDE	13	31	30	FOBS=	83.8	SIGMA=	1.8	PHAS=	31.1	FOM=	0.55	TEST=	0
INDE	13	31	32	FOBS=	184.9	SIGMA=	1.2	PHAS=	80.2	FOM=	0.95	TEST=	0
INDE	13	31	34	FOBS=	113.1	SIGMA=	1.8	PHAS=	-50.2	FOM=	0.96	TEST=	0
INDE	13	31	36	FOBS=	217.7	SIGMA=	1.0	PHAS=	-142.2	FOM=	0.92	TEST=	1
INDE	13	31	38	FOBS=	280.0	SIGMA=	1.0	PHAS=	0.1	FOM=	0.95	TEST=	0
INDE	13	31	40	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	31	42	FOBS=	145.3	SIGMA=	1.6	PHAS=	-168.9	FOM=	0.86	TEST=	0
INDE	13	31	44	FOBS=	6.8	SIGMA=	33.7	PHAS=	122.7	FOM=	0.03	TEST=	0
INDE	13	31	46	FOBS=	126.6	SIGMA=	1.6	PHAS=	-116.7	FOM=	0.80	TEST=	0
INDE	13	31	48	FOBS=	49.9	SIGMA=	3.8	PHAS=	126.2	FOM=	0.83	TEST=	0
INDE	13	31	50	FOBS=	151.7	SIGMA=	1.3	PHAS=	27.8	FOM=	0.93	TEST=	0
INDE	13	31	52	FOBS=	117.9	SIGMA=	1.7	PHAS=	-70.0	FOM=	0.91	TEST=	0
INDE	13	31	54	FOBS=	42.8	SIGMA=	4.6	PHAS=	-24.1	FOM=	0.74	TEST=	0
INDE	13	31	56	FOBS=	62.9	SIGMA=	3.0	PHAS=	88.3	FOM=	0.32	TEST=	1
INDE	13	31	58	FOBS=	41.1	SIGMA=	4.5	PHAS=	144.8	FOM=	0.59	TEST=	0
INDE	13	31	60	FOBS=	43.6	SIGMA=	4.5	PHAS=	-166.8	FOM=	0.62	TEST=	0
INDE	13	31	62	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	31	64	FOBS=	31.8	SIGMA=	8.0	PHAS=	-123.8	FOM=	0.53	TEST=	0
INDE	13	31	66	FOBS=	116.3	SIGMA=	2.2	PHAS=	-91.1	FOM=	0.93	TEST=	0
INDE	13	31	68	FOBS=	62.3	SIGMA=	4.0	PHAS=	131.7	FOM=	0.81	TEST=	0
INDE	13	31	70	FOBS=	33.4	SIGMA=	7.0	PHAS=	163.2	FOM=	0.57	TEST=	0
INDE	13	32	13	FOBS=	83.4	SIGMA=	1.2	PHAS=	153.4	FOM=	0.99	TEST=	0
INDE	13	32	15	FOBS=	51.9	SIGMA=	2.2	PHAS=	8.9	FOM=	0.95	TEST=	0
INDE	13	32	17	FOBS=	225.0	SIGMA=	0.7	PHAS=	93.5	FOM=	0.95	TEST=	0
INDE	13	32	19	FOBS=	103.3	SIGMA=	1.2	PHAS=	-176.2	FOM=	0.94	TEST=	0
INDE	13	32	21	FOBS=	38.1	SIGMA=	3.4	PHAS=	88.5	FOM=	0.95	TEST=	0

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INDE	13	32	23	FOBS=	11.8	SIGMA=	12.9	PHAS=	113.7	FOM=	0.05	TEST=	0
INDE	13	32	25	FOBS=	203.0	SIGMA=	0.8	PHAS=	79.7	FOM=	0.95	TEST=	0
INDE	13	32	27	FOBS=	196.6	SIGMA=	0.9	PHAS=	103.7	FOM=	0.96	TEST=	0
INDE	13	32	29	FOBS=	313.5	SIGMA=	0.7	PHAS=	-20.2	FOM=	0.96	TEST=	0
INDE	13	32	31	FOBS=	234.5	SIGMA=	0.8	PHAS=	94.5	FOM=	0.87	TEST=	0
INDE	13	32	33	FOBS=	370.5	SIGMA=	1.1	PHAS=	-117.8	FOM=	0.99	TEST=	0
INDE	13	32	35	FOBS=	191.1	SIGMA=	1.1	PHAS=	141.2	FOM=	0.90	TEST=	0
INDE	13	32	37	FOBS=	102.0	SIGMA=	2.1	PHAS=	65.2	FOM=	0.92	TEST=	0
INDE	13	32	39	FOBS=	24.0	SIGMA=	9.6	PHAS=	-150.0	FOM=	0.13	TEST=	0
INDE	13	32	41	FOBS=	79.4	SIGMA=	2.9	PHAS=	-107.2	FOM=	0.71	TEST=	0
INDE	13	32	43	FOBS=	111.4	SIGMA=	2.1	PHAS=	16.6	FOM=	0.87	TEST=	0
INDE	13	32	45	FOBS=	123.7	SIGMA=	1.9	PHAS=	102.5	FOM=	0.93	TEST=	0
INDE	13	32	47	FOBS=	65.5	SIGMA=	3.0	PHAS=	-99.3	FOM=	0.72	TEST=	0
INDE	13	32	49	FOBS=	92.0	SIGMA=	2.1	PHAS=	-24.3	FOM=	0.92	TEST=	0
INDE	13	32	51	FOBS=	22.2	SIGMA=	8.5	PHAS=	-74.1	FOM=	0.56	TEST=	0
INDE	13	32	53	FOBS=	169.5	SIGMA=	1.2	PHAS=	-103.5	FOM=	0.96	TEST=	0
INDE	13	32	55	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	32	57	FOBS=	112.9	SIGMA=	1.8	PHAS=	76.8	FOM=	0.96	TEST=	0
INDE	13	32	59	FOBS=	64.7	SIGMA=	3.0	PHAS=	81.8	FOM=	0.89	TEST=	0
INDE	13	32	61	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	32	63	FOBS=	17.9	SIGMA=	16.3	PHAS=	109.2	FOM=	0.22	TEST=	0
INDE	13	32	65	FOBS=	67.3	SIGMA=	4.6	PHAS=	141.4	FOM=	0.84	TEST=	0
INDE	13	32	67	FOBS=	19.3	SIGMA=	12.9	PHAS=	116.9	FOM=	0.61	TEST=	0
INDE	13	32	69	FOBS=	89.5	SIGMA=	2.9	PHAS=	98.0	FOM=	0.91	TEST=	0
INDE	13	33	14	FOBS=	279.7	SIGMA=	0.6	PHAS=	-21.7	FOM=	0.94	TEST=	0
INDE	13	33	16	FOBS=	206.9	SIGMA=	0.7	PHAS=	-66.0	FOM=	0.98	TEST=	0
INDE	13	33	18	FOBS=	239.6	SIGMA=	0.7	PHAS=	2.3	FOM=	0.88	TEST=	0
INDE	13	33	20	FOBS=	131.8	SIGMA=	1.1	PHAS=	115.0	FOM=	0.96	TEST=	0
INDE	13	33	22	FOBS=	162.7	SIGMA=	0.9	PHAS=	88.0	FOM=	0.94	TEST=	0
INDE	13	33	24	FOBS=	113.6	SIGMA=	1.3	PHAS=	42.3	FOM=	0.77	TEST=	0
INDE	13	33	26	FOBS=	140.6	SIGMA=	1.1	PHAS=	173.7	FOM=	0.90	TEST=	0
INDE	13	33	28	FOBS=	241.2	SIGMA=	0.8	PHAS=	-74.8	FOM=	0.96	TEST=	0
INDE	13	33	30	FOBS=	191.8	SIGMA=	0.9	PHAS=	-155.6	FOM=	0.91	TEST=	0
INDE	13	33	32	FOBS=	145.4	SIGMA=	1.3	PHAS=	177.2	FOM=	0.91	TEST=	0
INDE	13	33	34	FOBS=	132.7	SIGMA=	1.6	PHAS=	-145.5	FOM=	0.83	TEST=	0
INDE	13	33	36	FOBS=	145.5	SIGMA=	1.8	PHAS=	47.8	FOM=	0.96	TEST=	0
INDE	13	33	38	FOBS=	155.0	SIGMA=	1.6	PHAS=	17.3	FOM=	0.74	TEST=	0
INDE	13	33	40	FOBS=	102.4	SIGMA=	2.3	PHAS=	137.9	FOM=	0.78	TEST=	0
INDE	13	33	42	FOBS=	35.7	SIGMA=	7.5	PHAS=	-47.8	FOM=	0.79	TEST=	0
INDE	13	33	44	FOBS=	178.4	SIGMA=	1.4	PHAS=	-58.4	FOM=	0.94	TEST=	0
INDE	13	33	46	FOBS=	31.3	SIGMA=	8.8	PHAS=	-155.5	FOM=	0.43	TEST=	0
INDE	13	33	48	FOBS=	88.8	SIGMA=	2.3	PHAS=	75.6	FOM=	0.86	TEST=	0
INDE	13	33	50	FOBS=	52.9	SIGMA=	3.6	PHAS=	37.5	FOM=	0.82	TEST=	0
INDE	13	33	52	FOBS=	53.7	SIGMA=	3.6	PHAS=	-123.4	FOM=	0.86	TEST=	0
INDE	13	33	54	FOBS=	62.9	SIGMA=	3.1	PHAS=	141.6	FOM=	0.80	TEST=	0
INDE	13	33	56	FOBS=	82.1	SIGMA=	2.6	PHAS=	55.9	FOM=	0.67	TEST=	0
INDE	13	33	58	FOBS=	53.2	SIGMA=	3.9	PHAS=	-2.5	FOM=	0.89	TEST=	0
INDE	13	33	60	FOBS=	54.3	SIGMA=	3.8	PHAS=	-166.4	FOM=	0.63	TEST=	0
INDE	13	33	62	FOBS=	35.7	SIGMA=	5.9	PHAS=	98.9	FOM=	0.26	TEST=	0
INDE	13	33	64	FOBS=	30.9	SIGMA=	7.4	PHAS=	67.2	FOM=	0.23	TEST=	0
INDE	13	33	66	FOBS=	103.5	SIGMA=	2.2	PHAS=	5.2	FOM=	0.95	TEST=	0
INDE	13	33	68	FOBS=	70.9	SIGMA=	3.7	PHAS=	36.2	FOM=	0.74	TEST=	0
INDE	13	34	13	FOBS=	79.6	SIGMA=	1.3	PHAS=	-81.2	FOM=	0.92	TEST=	0
INDE	13	34	15	FOBS=	246.2	SIGMA=	0.7	PHAS=	-122.6	FOM=	0.95	TEST=	0
INDE	13	34	17	FOBS=	206.8	SIGMA=	0.7	PHAS=	-167.7	FOM=	0.95	TEST=	1
INDE	13	34	19	FOBS=	118.9	SIGMA=	1.2	PHAS=	35.2	FOM=	0.94	TEST=	0
INDE	13	34	21	FOBS=	223.1	SIGMA=	0.8	PHAS=	-3.1	FOM=	0.93	TEST=	0
INDE	13	34	23	FOBS=	244.1	SIGMA=	0.7	PHAS=	80.4	FOM=	0.92	TEST=	0
INDE	13	34	25	FOBS=	268.5	SIGMA=	0.7	PHAS=	78.3	FOM=	0.96	TEST=	0
INDE	13	34	27	FOBS=	228.5	SIGMA=	0.8	PHAS=	174.9	FOM=	0.77	TEST=	1
INDE	13	34	29	FOBS=	118.5	SIGMA=	1.5	PHAS=	59.0	FOM=	0.82	TEST=	0
INDE	13	34	31	FOBS=	314.4	SIGMA=	0.8	PHAS=	76.4	FOM=	0.96	TEST=	0
INDE	13	34	33	FOBS=	222.1	SIGMA=	1.0	PHAS=	-141.3	FOM=	0.81	TEST=	0
INDE	13	34	35	FOBS=	115.3	SIGMA=	2.0	PHAS=	133.3	FOM=	0.79	TEST=	0
INDE	13	34	37	FOBS=	116.8	SIGMA=	2.1	PHAS=	-28.6	FOM=	0.84	TEST=	0
INDE	13	34	39	FOBS=	123.5	SIGMA=	2.0	PHAS=	20.2	FOM=	0.71	TEST=	1
INDE	13	34	41	FOBS=	160.5	SIGMA=	1.5	PHAS=	-109.6	FOM=	0.89	TEST=	0
INDE	13	34	43	FOBS=	91.7	SIGMA=	2.5	PHAS=	150.4	FOM=	0.81	TEST=	0
INDE	13	34	45	FOBS=	82.2	SIGMA=	2.8	PHAS=	-40.2	FOM=	0.24	TEST=	0
INDE	13	34	47	FOBS=	67.9	SIGMA=	3.3	PHAS=	-65.5	FOM=	0.86	TEST=	0

INDE	13	34	49	FOBS=	57.9	SIGMA=	3.8	PHAS=	95.4	FOM=	0.63	TEST=	0
INDE	13	34	51	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	34	53	FOBS=	25.0	SIGMA=	8.5	PHAS=	-69.5	FOM=	0.11	TEST=	1
INDE	13	34	55	FOBS=	77.9	SIGMA=	2.8	PHAS=	-44.7	FOM=	0.23	TEST=	1
INDE	13	34	57	FOBS=	94.4	SIGMA=	2.3	PHAS=	-15.4	FOM=	0.92	TEST=	0
INDE	13	34	59	FOBS=	45.9	SIGMA=	4.6	PHAS=	-71.9	FOM=	0.25	TEST=	0
INDE	13	34	61	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	34	63	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	34	65	FOBS=	58.1	SIGMA=	4.6	PHAS=	-74.5	FOM=	0.82	TEST=	0
INDE	13	34	67	FOBS=	59.2	SIGMA=	3.8	PHAS=	-149.2	FOM=	0.02	TEST=	1
INDE	13	35	14	FOBS=	108.9	SIGMA=	1.2	PHAS=	108.4	FOM=	0.66	TEST=	0
INDE	13	35	16	FOBS=	259.3	SIGMA=	0.7	PHAS=	165.6	FOM=	0.98	TEST=	0
INDE	13	35	18	FOBS=	268.3	SIGMA=	0.7	PHAS=	-50.5	FOM=	0.97	TEST=	0
INDE	13	35	20	FOBS=	115.5	SIGMA=	1.3	PHAS=	-122.6	FOM=	0.85	TEST=	0
INDE	13	35	22	FOBS=	110.1	SIGMA=	1.4	PHAS=	-4.2	FOM=	0.93	TEST=	0
INDE	13	35	24	FOBS=	199.5	SIGMA=	0.9	PHAS=	-20.2	FOM=	0.88	TEST=	0
INDE	13	35	26	FOBS=	112.4	SIGMA=	1.5	PHAS=	82.2	FOM=	0.86	TEST=	0
INDE	13	35	28	FOBS=	237.6	SIGMA=	0.9	PHAS=	-89.1	FOM=	0.96	TEST=	0
INDE	13	35	30	FOBS=	119.4	SIGMA=	2.0	PHAS=	-29.9	FOM=	0.56	TEST=	0
INDE	13	35	32	FOBS=	301.0	SIGMA=	0.8	PHAS=	171.5	FOM=	0.35	TEST=	1
INDE	13	35	34	FOBS=	184.1	SIGMA=	1.2	PHAS=	-153.4	FOM=	0.91	TEST=	0
INDE	13	35	36	FOBS=	151.5	SIGMA=	1.4	PHAS=	32.0	FOM=	0.94	TEST=	0
INDE	13	35	38	FOBS=	207.0	SIGMA=	1.3	PHAS=	-88.5	FOM=	0.91	TEST=	0
INDE	13	35	40	FOBS=	88.3	SIGMA=	2.7	PHAS=	153.2	FOM=	0.77	TEST=	0
INDE	13	35	42	FOBS=	143.3	SIGMA=	1.7	PHAS=	111.1	FOM=	0.96	TEST=	0
INDE	13	35	44	FOBS=	37.6	SIGMA=	6.4	PHAS=	-71.1	FOM=	0.50	TEST=	0
INDE	13	35	46	FOBS=	59.9	SIGMA=	3.7	PHAS=	-52.8	FOM=	0.23	TEST=	1
INDE	13	35	48	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	35	50	FOBS=	119.5	SIGMA=	1.9	PHAS=	70.0	FOM=	0.86	TEST=	1
INDE	13	35	52	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	35	54	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	35	56	FOBS=	84.2	SIGMA=	2.6	PHAS=	-137.1	FOM=	0.90	TEST=	0
INDE	13	35	58	FOBS=	84.5	SIGMA=	2.5	PHAS=	-174.3	FOM=	0.87	TEST=	0
INDE	13	35	60	FOBS=	21.5	SIGMA=	10.6	PHAS=	101.4	FOM=	0.14	TEST=	0
INDE	13	35	62	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	35	64	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	13	35	66	FOBS=	48.2	SIGMA=	4.7	PHAS=	165.3	FOM=	0.79	TEST=	0
INDE	13	35	68	FOBS=	68.5	SIGMA=	3.4	PHAS=	179.3	FOM=	0.33	TEST=	1
INDE	13	36	13	FOBS=	223.3	SIGMA=	0.7	PHAS=	-0.9	FOM=	0.95	TEST=	0
INDE	13	36	15	FOBS=	179.4	SIGMA=	0.9	PHAS=	75.5	FOM=	0.93	TEST=	0
INDE	13	36	17	FOBS=	206.1	SIGMA=	0.8	PHAS=	162.8	FOM=	0.85	TEST=	0
INDE	13	36	19	FOBS=	129.8	SIGMA=	1.3	PHAS=	178.6	FOM=	0.85	TEST=	0
INDE	13	36	21	FOBS=	255.9	SIGMA=	0.8	PHAS=	-108.6	FOM=	0.98	TEST=	0
INDE	13	36	23	FOBS=	157.2	SIGMA=	1.3	PHAS=	0.1	FOM=	0.87	TEST=	0
INDE	13	36	25	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	36	27	FOBS=	88.4	SIGMA=	2.2	PHAS=	95.6	FOM=	0.72	TEST=	0
INDE	13	36	29	FOBS=	190.1	SIGMA=	1.2	PHAS=	159.6	FOM=	0.93	TEST=	0
INDE	13	36	31	FOBS=	282.0	SIGMA=	1.0	PHAS=	83.1	FOM=	0.95	TEST=	0
INDE	13	36	33	FOBS=	126.8	SIGMA=	1.7	PHAS=	-71.5	FOM=	0.32	TEST=	0
INDE	13	36	35	FOBS=	184.7	SIGMA=	1.2	PHAS=	162.2	FOM=	0.96	TEST=	0
INDE	13	36	37	FOBS=	187.7	SIGMA=	1.1	PHAS=	-109.5	FOM=	0.70	TEST=	1
INDE	13	36	39	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	36	41	FOBS=	96.0	SIGMA=	2.5	PHAS=	29.8	FOM=	0.88	TEST=	0
INDE	13	36	43	FOBS=	104.6	SIGMA=	2.2	PHAS=	30.9	FOM=	0.46	TEST=	0
INDE	13	36	45	FOBS=	44.0	SIGMA=	5.1	PHAS=	75.0	FOM=	0.61	TEST=	0
INDE	13	36	47	FOBS=	21.1	SIGMA=	11.5	PHAS=	113.5	FOM=	0.39	TEST=	0
INDE	13	36	49	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	36	51	FOBS=	35.4	SIGMA=	6.5	PHAS=	-39.1	FOM=	0.61	TEST=	0
INDE	13	36	53	FOBS=	54.5	SIGMA=	3.9	PHAS=	-119.4	FOM=	0.40	TEST=	0
INDE	13	36	55	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	36	57	FOBS=	141.0	SIGMA=	1.6	PHAS=	77.7	FOM=	0.96	TEST=	0
INDE	13	36	59	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	36	61	FOBS=	33.9	SIGMA=	6.1	PHAS=	92.2	FOM=	0.50	TEST=	0
INDE	13	36	63	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	13	36	65	FOBS=	62.2	SIGMA=	5.2	PHAS=	81.6	FOM=	0.83	TEST=	0
INDE	13	36	67	FOBS=	93.1	SIGMA=	2.5	PHAS=	86.3	FOM=	0.94	TEST=	0
INDE	13	37	14	FOBS=	154.7	SIGMA=	1.1	PHAS=	-131.5	FOM=	0.95	TEST=	0
INDE	13	37	16	FOBS=	58.6	SIGMA=	2.7	PHAS=	-103.6	FOM=	0.93	TEST=	0
INDE	13	37	18	FOBS=	119.9	SIGMA=	1.6	PHAS=	-89.1	FOM=	0.84	TEST=	0
INDE	13	37	20	FOBS=	122.6	SIGMA=	1.5	PHAS=	172.6	FOM=	0.96	TEST=	0

INDE	13	37	22	FOBS=	67.2	SIGMA=	2.8	PHAS=	150.6	FOM=	0.57	TEST=	0
INDE	13	37	24	FOBS=	209.2	SIGMA=	1.1	PHAS=	-152.0	FOM=	0.96	TEST=	0
INDE	13	37	26	FOBS=	103.4	SIGMA=	2.1	PHAS=	118.2	FOM=	0.82	TEST=	0
INDE	13	37	28	FOBS=	163.2	SIGMA=	1.3	PHAS=	-170.7	FOM=	0.93	TEST=	0
INDE	13	37	30	FOBS=	210.3	SIGMA=	1.3	PHAS=	-12.8	FOM=	0.95	TEST=	0
INDE	13	37	32	FOBS=	165.9	SIGMA=	1.5	PHAS=	-96.6	FOM=	0.90	TEST=	0
INDE	13	37	34	FOBS=	59.8	SIGMA=	3.5	PHAS=	-86.4	FOM=	0.19	TEST=	1
INDE	13	37	36	FOBS=	88.6	SIGMA=	2.3	PHAS=	53.3	FOM=	0.42	TEST=	0
INDE	13	37	38	FOBS=	64.1	SIGMA=	3.0	PHAS=	93.5	FOM=	0.84	TEST=	0
INDE	13	37	40	FOBS=	37.2	SIGMA=	6.3	PHAS=	7.3	FOM=	0.75	TEST=	0
INDE	13	37	42	FOBS=	77.2	SIGMA=	3.0	PHAS=	-88.3	FOM=	0.80	TEST=	0
INDE	13	37	44	FOBS=	102.6	SIGMA=	2.3	PHAS=	63.7	FOM=	0.48	TEST=	1
INDE	13	37	46	FOBS=	46.3	SIGMA=	4.8	PHAS=	44.8	FOM=	0.37	TEST=	0
INDE	13	37	48	FOBS=	53.0	SIGMA=	4.2	PHAS=	59.3	FOM=	0.30	TEST=	0
INDE	13	37	50	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	37	52	FOBS=	18.5	SIGMA=	13.0	PHAS=	-10.6	FOM=	0.08	TEST=	0
INDE	13	37	54	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	37	56	FOBS=	59.6	SIGMA=	3.6	PHAS=	-58.1	FOM=	0.39	TEST=	0
INDE	13	37	58	FOBS=	48.5	SIGMA=	4.9	PHAS=	-16.5	FOM=	0.21	TEST=	1
INDE	13	37	60	FOBS=	55.7	SIGMA=	3.8	PHAS=	-29.0	FOM=	0.84	TEST=	0
INDE	13	37	62	FOBS=	51.7	SIGMA=	4.1	PHAS=	18.8	FOM=	0.39	TEST=	0
INDE	13	37	64	FOBS=	7.6	SIGMA=	34.3	PHAS=	61.3	FOM=	0.12	TEST=	0
INDE	13	37	66	FOBS=	49.5	SIGMA=	4.8	PHAS=	-20.4	FOM=	0.65	TEST=	0
INDE	13	38	13	FOBS=	51.1	SIGMA=	2.6	PHAS=	102.0	FOM=	0.83	TEST=	0
INDE	13	38	15	FOBS=	94.6	SIGMA=	1.8	PHAS=	93.4	FOM=	0.95	TEST=	0
INDE	13	38	17	FOBS=	177.4	SIGMA=	1.1	PHAS=	143.7	FOM=	0.94	TEST=	0
INDE	13	38	19	FOBS=	193.6	SIGMA=	1.1	PHAS=	90.1	FOM=	0.94	TEST=	1
INDE	13	38	21	FOBS=	262.3	SIGMA=	0.9	PHAS=	-77.6	FOM=	0.96	TEST=	0
INDE	13	38	23	FOBS=	157.7	SIGMA=	1.3	PHAS=	81.1	FOM=	0.95	TEST=	0
INDE	13	38	25	FOBS=	244.6	SIGMA=	1.0	PHAS=	59.5	FOM=	0.96	TEST=	0
INDE	13	38	27	FOBS=	116.1	SIGMA=	1.9	PHAS=	58.9	FOM=	0.89	TEST=	0
INDE	13	38	29	FOBS=	270.9	SIGMA=	0.9	PHAS=	-174.8	FOM=	0.97	TEST=	0
INDE	13	38	31	FOBS=	175.5	SIGMA=	1.4	PHAS=	-169.5	FOM=	0.90	TEST=	0
INDE	13	38	33	FOBS=	147.9	SIGMA=	1.4	PHAS=	-136.8	FOM=	0.92	TEST=	0
INDE	13	38	35	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	38	37	FOBS=	38.4	SIGMA=	6.3	PHAS=	81.0	FOM=	0.18	TEST=	0
INDE	13	38	39	FOBS=	98.4	SIGMA=	2.0	PHAS=	-41.7	FOM=	0.96	TEST=	0
INDE	13	38	41	FOBS=	42.7	SIGMA=	6.0	PHAS=	-10.7	FOM=	0.58	TEST=	0
INDE	13	38	43	FOBS=	102.7	SIGMA=	2.3	PHAS=	-44.2	FOM=	0.93	TEST=	0
INDE	13	38	45	FOBS=	19.4	SIGMA=	14.4	PHAS=	75.7	FOM=	0.08	TEST=	0
INDE	13	38	47	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	38	49	FOBS=	18.2	SIGMA=	11.9	PHAS=	74.7	FOM=	0.18	TEST=	0
INDE	13	38	51	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	38	53	FOBS=	30.3	SIGMA=	7.1	PHAS=	-68.1	FOM=	0.52	TEST=	0
INDE	13	38	55	FOBS=	33.6	SIGMA=	6.8	PHAS=	-30.3	FOM=	0.43	TEST=	0
INDE	13	38	57	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	38	59	FOBS=	76.9	SIGMA=	2.8	PHAS=	-109.6	FOM=	0.89	TEST=	0
INDE	13	38	61	FOBS=	55.9	SIGMA=	3.8	PHAS=	-28.3	FOM=	0.05	TEST=	1
INDE	13	38	63	FOBS=	94.6	SIGMA=	2.4	PHAS=	155.6	FOM=	0.80	TEST=	0
INDE	13	38	65	FOBS=	40.2	SIGMA=	7.9	PHAS=	63.9	FOM=	0.01	TEST=	1
INDE	13	39	14	FOBS=	97.6	SIGMA=	1.7	PHAS=	-95.5	FOM=	0.71	TEST=	0
INDE	13	39	16	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	39	18	FOBS=	172.5	SIGMA=	1.2	PHAS=	51.5	FOM=	0.96	TEST=	0
INDE	13	39	20	FOBS=	175.3	SIGMA=	1.2	PHAS=	-143.4	FOM=	0.96	TEST=	0
INDE	13	39	22	FOBS=	137.0	SIGMA=	1.5	PHAS=	87.0	FOM=	0.85	TEST=	0
INDE	13	39	24	FOBS=	154.0	SIGMA=	1.5	PHAS=	-41.7	FOM=	0.93	TEST=	0
INDE	13	39	26	FOBS=	137.1	SIGMA=	1.7	PHAS=	-77.3	FOM=	0.88	TEST=	0
INDE	13	39	28	FOBS=	119.1	SIGMA=	1.9	PHAS=	134.3	FOM=	0.95	TEST=	0
INDE	13	39	30	FOBS=	104.6	SIGMA=	1.9	PHAS=	86.8	FOM=	0.86	TEST=	0
INDE	13	39	32	FOBS=	173.9	SIGMA=	1.5	PHAS=	107.0	FOM=	0.95	TEST=	0
INDE	13	39	34	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	39	36	FOBS=	199.7	SIGMA=	1.1	PHAS=	-46.1	FOM=	0.94	TEST=	0
INDE	13	39	38	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	39	40	FOBS=	60.4	SIGMA=	3.2	PHAS=	-70.4	FOM=	0.82	TEST=	0
INDE	13	39	42	FOBS=	136.6	SIGMA=	1.8	PHAS=	-96.6	FOM=	0.95	TEST=	0
INDE	13	39	44	FOBS=	78.7	SIGMA=	2.9	PHAS=	-38.7	FOM=	0.89	TEST=	0
INDE	13	39	46	FOBS=	17.8	SIGMA=	13.6	PHAS=	95.0	FOM=	0.19	TEST=	0
INDE	13	39	48	FOBS=	119.6	SIGMA=	1.9	PHAS=	55.2	FOM=	0.72	TEST=	0
INDE	13	39	50	FOBS=	112.4	SIGMA=	2.0	PHAS=	-42.6	FOM=	0.94	TEST=	0
INDE	13	39	52	FOBS=	55.6	SIGMA=	3.9	PHAS=	136.2	FOM=	0.81	TEST=	0

INDE	13	39	54	FOBS=	102.3	SIGMA=	2.2	PHAS=	152.7	FOM=	0.78	TEST=	0
INDE	13	39	56	FOBS=	29.9	SIGMA=	7.7	PHAS=	-113.5	FOM=	0.08	TEST=	1
INDE	13	39	58	FOBS=	34.6	SIGMA=	7.7	PHAS=	-138.2	FOM=	0.07	TEST=	0
INDE	13	39	60	FOBS=	60.8	SIGMA=	3.5	PHAS=	51.6	FOM=	0.77	TEST=	0
INDE	13	39	62	FOBS=	33.2	SIGMA=	6.4	PHAS=	82.8	FOM=	0.37	TEST=	0
INDE	13	39	64	FOBS=	80.8	SIGMA=	3.4	PHAS=	38.5	FOM=	0.92	TEST=	0
INDE	13	39	66	FOBS=	24.0	SIGMA=	17.1	PHAS=	-165.5	FOM=	0.60	TEST=	0
INDE	13	40	13	FOBS=	205.6	SIGMA=	0.8	PHAS=	-53.7	FOM=	0.90	TEST=	0
INDE	13	40	15	FOBS=	115.5	SIGMA=	1.6	PHAS=	-172.4	FOM=	0.74	TEST=	1
INDE	13	40	17	FOBS=	115.5	SIGMA=	1.7	PHAS=	108.6	FOM=	0.81	TEST=	0
INDE	13	40	19	FOBS=	174.0	SIGMA=	1.3	PHAS=	55.8	FOM=	0.85	TEST=	0
INDE	13	40	21	FOBS=	166.9	SIGMA=	1.3	PHAS=	-12.3	FOM=	0.45	TEST=	0
INDE	13	40	23	FOBS=	130.9	SIGMA=	1.7	PHAS=	-79.7	FOM=	0.84	TEST=	0
INDE	13	40	25	FOBS=	79.4	SIGMA=	2.8	PHAS=	67.2	FOM=	0.80	TEST=	0
INDE	13	40	27	FOBS=	110.9	SIGMA=	2.0	PHAS=	-168.8	FOM=	0.80	TEST=	0
INDE	13	40	29	FOBS=	72.9	SIGMA=	3.0	PHAS=	59.4	FOM=	0.77	TEST=	0
INDE	13	40	31	FOBS=	131.6	SIGMA=	1.5	PHAS=	-40.0	FOM=	0.81	TEST=	0
INDE	13	40	33	FOBS=	138.3	SIGMA=	1.9	PHAS=	-99.6	FOM=	0.97	TEST=	0
INDE	13	40	35	FOBS=	79.7	SIGMA=	2.5	PHAS=	-86.8	FOM=	0.86	TEST=	0
INDE	13	40	37	FOBS=	91.4	SIGMA=	2.2	PHAS=	-126.9	FOM=	0.96	TEST=	0
INDE	13	40	39	FOBS=	50.6	SIGMA=	4.0	PHAS=	117.9	FOM=	0.64	TEST=	0
INDE	13	40	41	FOBS=	89.0	SIGMA=	2.2	PHAS=	-123.6	FOM=	0.82	TEST=	0
INDE	13	40	43	FOBS=	141.4	SIGMA=	1.7	PHAS=	-115.1	FOM=	0.97	TEST=	0
INDE	13	40	45	FOBS=	60.6	SIGMA=	3.7	PHAS=	143.4	FOM=	0.84	TEST=	0
INDE	13	40	47	FOBS=	47.4	SIGMA=	4.7	PHAS=	66.5	FOM=	0.63	TEST=	0
INDE	13	40	49	FOBS=	83.8	SIGMA=	2.7	PHAS=	-133.5	FOM=	0.87	TEST=	0
INDE	13	40	51	FOBS=	128.1	SIGMA=	1.8	PHAS=	-58.8	FOM=	0.94	TEST=	0
INDE	13	40	53	FOBS=	96.9	SIGMA=	2.3	PHAS=	57.4	FOM=	0.93	TEST=	0
INDE	13	40	55	FOBS=	53.3	SIGMA=	4.0	PHAS=	50.8	FOM=	0.70	TEST=	0
INDE	13	40	57	FOBS=	40.9	SIGMA=	5.2	PHAS=	-144.1	FOM=	0.45	TEST=	0
INDE	13	40	59	FOBS=	71.4	SIGMA=	3.1	PHAS=	153.6	FOM=	0.11	TEST=	1
INDE	13	40	61	FOBS=	104.2	SIGMA=	2.1	PHAS=	-31.7	FOM=	0.39	TEST=	1
INDE	13	40	63	FOBS=	65.9	SIGMA=	4.1	PHAS=	137.0	FOM=	0.77	TEST=	0
INDE	13	40	65	FOBS=	79.4	SIGMA=	3.6	PHAS=	80.7	FOM=	0.92	TEST=	0
INDE	13	41	14	FOBS=	50.0	SIGMA=	3.6	PHAS=	56.7	FOM=	0.43	TEST=	0
INDE	13	41	16	FOBS=	47.5	SIGMA=	4.0	PHAS=	46.7	FOM=	0.30	TEST=	0
INDE	13	41	18	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	13	41	20	FOBS=	172.3	SIGMA=	1.3	PHAS=	-63.5	FOM=	0.94	TEST=	0
INDE	13	41	22	FOBS=	195.6	SIGMA=	1.2	PHAS=	51.0	FOM=	0.93	TEST=	0
INDE	13	41	24	FOBS=	13.8	SIGMA=	15.6	PHAS=	75.8	FOM=	0.09	TEST=	0
INDE	13	41	26	FOBS=	67.8	SIGMA=	3.3	PHAS=	43.3	FOM=	0.93	TEST=	0
INDE	13	41	28	FOBS=	129.7	SIGMA=	1.7	PHAS=	14.6	FOM=	0.95	TEST=	0
INDE	13	41	30	FOBS=	253.1	SIGMA=	0.9	PHAS=	-147.5	FOM=	0.94	TEST=	0
INDE	13	41	32	FOBS=	209.9	SIGMA=	1.0	PHAS=	99.6	FOM=	0.95	TEST=	0
INDE	13	41	34	FOBS=	85.1	SIGMA=	2.7	PHAS=	-60.4	FOM=	0.93	TEST=	0
INDE	13	41	36	FOBS=	25.6	SIGMA=	7.6	PHAS=	-177.9	FOM=	0.70	TEST=	0
INDE	13	41	38	FOBS=	57.7	SIGMA=	3.4	PHAS=	-131.4	FOM=	0.64	TEST=	0
INDE	13	41	40	FOBS=	19.3	SIGMA=	9.9	PHAS=	-122.3	FOM=	0.14	TEST=	0
INDE	13	41	42	FOBS=	147.7	SIGMA=	1.4	PHAS=	143.4	FOM=	0.97	TEST=	0
INDE	13	41	44	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	41	46	FOBS=	38.3	SIGMA=	6.3	PHAS=	45.5	FOM=	0.80	TEST=	0
INDE	13	41	48	FOBS=	46.0	SIGMA=	4.8	PHAS=	111.3	FOM=	0.82	TEST=	0
INDE	13	41	50	FOBS=	49.5	SIGMA=	4.5	PHAS=	-118.6	FOM=	0.56	TEST=	0
INDE	13	41	52	FOBS=	114.8	SIGMA=	2.0	PHAS=	-114.6	FOM=	0.97	TEST=	0
INDE	13	41	54	FOBS=	66.3	SIGMA=	3.3	PHAS=	-19.6	FOM=	0.86	TEST=	0
INDE	13	41	56	FOBS=	47.0	SIGMA=	4.6	PHAS=	-85.6	FOM=	0.61	TEST=	0
INDE	13	41	58	FOBS=	20.4	SIGMA=	11.4	PHAS=	86.6	FOM=	0.50	TEST=	0
INDE	13	41	60	FOBS=	14.9	SIGMA=	17.8	PHAS=	-54.9	FOM=	0.47	TEST=	0
INDE	13	41	62	FOBS=	23.9	SIGMA=	11.3	PHAS=	-134.0	FOM=	0.24	TEST=	0
INDE	13	41	64	FOBS=	111.4	SIGMA=	2.6	PHAS=	33.4	FOM=	0.95	TEST=	0
INDE	13	42	13	FOBS=	177.5	SIGMA=	1.5	PHAS=	-20.4	FOM=	0.94	TEST=	0
INDE	13	42	15	FOBS=	129.1	SIGMA=	1.6	PHAS=	-79.5	FOM=	0.78	TEST=	0
INDE	13	42	17	FOBS=	185.2	SIGMA=	1.2	PHAS=	56.3	FOM=	0.93	TEST=	0
INDE	13	42	19	FOBS=	154.2	SIGMA=	1.5	PHAS=	-106.4	FOM=	0.90	TEST=	0
INDE	13	42	21	FOBS=	94.3	SIGMA=	2.3	PHAS=	-97.0	FOM=	0.66	TEST=	0
INDE	13	42	23	FOBS=	159.7	SIGMA=	1.4	PHAS=	-58.7	FOM=	0.87	TEST=	0
INDE	13	42	25	FOBS=	104.4	SIGMA=	2.1	PHAS=	127.1	FOM=	0.97	TEST=	0
INDE	13	42	27	FOBS=	282.1	SIGMA=	0.9	PHAS=	-137.5	FOM=	0.97	TEST=	0
INDE	13	42	29	FOBS=	126.4	SIGMA=	1.7	PHAS=	151.5	FOM=	0.89	TEST=	0
INDE	13	42	31	FOBS=	64.2	SIGMA=	3.0	PHAS=	-115.5	FOM=	0.55	TEST=	0

INDE	13	42	33	FOBS=	173.9	SIGMA=	1.2	PHAS=	-93.0	FOM=	0.89	TEST=	0
INDE	13	42	35	FOBS=	134.7	SIGMA=	1.6	PHAS=	-169.8	FOM=	0.90	TEST=	0
INDE	13	42	37	FOBS=	40.9	SIGMA=	5.5	PHAS=	-7.9	FOM=	0.31	TEST=	0
INDE	13	42	39	FOBS=	117.0	SIGMA=	1.7	PHAS=	140.9	FOM=	0.91	TEST=	0
INDE	13	42	41	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	42	43	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	42	45	FOBS=	17.2	SIGMA=	14.2	PHAS=	-125.9	FOM=	0.18	TEST=	1
INDE	13	42	47	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	42	49	FOBS=	35.2	SIGMA=	6.9	PHAS=	-32.9	FOM=	0.54	TEST=	0
INDE	13	42	51	FOBS=	20.6	SIGMA=	11.7	PHAS=	-124.5	FOM=	0.30	TEST=	0
INDE	13	42	53	FOBS=	22.6	SIGMA=	10.4	PHAS=	-179.0	FOM=	0.46	TEST=	0
INDE	13	42	55	FOBS=	53.7	SIGMA=	4.1	PHAS=	89.2	FOM=	0.38	TEST=	0
INDE	13	42	57	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	42	59	FOBS=	54.3	SIGMA=	4.1	PHAS=	-123.0	FOM=	0.61	TEST=	0
INDE	13	42	61	FOBS=	20.2	SIGMA=	10.2	PHAS=	-71.4	FOM=	0.56	TEST=	0
INDE	13	42	63	FOBS=	52.2	SIGMA=	5.4	PHAS=	-135.6	FOM=	0.72	TEST=	0
INDE	13	43	14	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	13	43	16	FOBS=	72.0	SIGMA=	2.9	PHAS=	-96.1	FOM=	0.84	TEST=	0
INDE	13	43	18	FOBS=	224.7	SIGMA=	1.1	PHAS=	-134.9	FOM=	0.93	TEST=	0
INDE	13	43	20	FOBS=	227.3	SIGMA=	1.2	PHAS=	163.3	FOM=	0.92	TEST=	0
INDE	13	43	22	FOBS=	148.0	SIGMA=	1.5	PHAS=	42.0	FOM=	0.83	TEST=	0
INDE	13	43	24	FOBS=	163.2	SIGMA=	1.4	PHAS=	64.7	FOM=	0.92	TEST=	0
INDE	13	43	26	FOBS=	227.2	SIGMA=	1.1	PHAS=	133.0	FOM=	0.97	TEST=	0
INDE	13	43	28	FOBS=	93.0	SIGMA=	2.3	PHAS=	65.5	FOM=	0.81	TEST=	0
INDE	13	43	30	FOBS=	156.5	SIGMA=	1.4	PHAS=	138.3	FOM=	0.97	TEST=	0
INDE	13	43	32	FOBS=	152.1	SIGMA=	1.3	PHAS=	138.2	FOM=	0.82	TEST=	0
INDE	13	43	34	FOBS=	55.4	SIGMA=	3.4	PHAS=	108.5	FOM=	0.72	TEST=	0
INDE	13	43	36	FOBS=	114.5	SIGMA=	1.8	PHAS=	132.6	FOM=	0.49	TEST=	0
INDE	13	43	38	FOBS=	144.6	SIGMA=	1.4	PHAS=	-149.6	FOM=	0.86	TEST=	0
INDE	13	43	40	FOBS=	39.0	SIGMA=	4.9	PHAS=	15.7	FOM=	0.52	TEST=	0
INDE	13	43	42	FOBS=	31.6	SIGMA=	6.3	PHAS=	-11.8	FOM=	0.38	TEST=	0
INDE	13	43	44	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	43	46	FOBS=	37.6	SIGMA=	6.6	PHAS=	89.5	FOM=	0.47	TEST=	0
INDE	13	43	48	FOBS=	73.1	SIGMA=	3.1	PHAS=	-116.2	FOM=	0.74	TEST=	0
INDE	13	43	50	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	43	52	FOBS=	85.1	SIGMA=	2.7	PHAS=	-146.6	FOM=	0.78	TEST=	0
INDE	13	43	54	FOBS=	112.2	SIGMA=	2.0	PHAS=	-38.1	FOM=	0.95	TEST=	0
INDE	13	43	56	FOBS=	54.3	SIGMA=	4.0	PHAS=	32.1	FOM=	0.80	TEST=	0
INDE	13	43	58	FOBS=	47.4	SIGMA=	4.6	PHAS=	165.2	FOM=	0.41	TEST=	0
INDE	13	43	60	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	43	62	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	44	13	FOBS=	214.6	SIGMA=	1.6	PHAS=	-24.2	FOM=	0.97	TEST=	0
INDE	13	44	15	FOBS=	99.0	SIGMA=	2.1	PHAS=	-176.4	FOM=	0.87	TEST=	0
INDE	13	44	17	FOBS=	192.8	SIGMA=	1.2	PHAS=	99.5	FOM=	0.95	TEST=	0
INDE	13	44	19	FOBS=	257.4	SIGMA=	1.1	PHAS=	161.5	FOM=	0.94	TEST=	0
INDE	13	44	21	FOBS=	161.4	SIGMA=	1.4	PHAS=	50.1	FOM=	0.95	TEST=	0
INDE	13	44	23	FOBS=	243.8	SIGMA=	1.0	PHAS=	-29.6	FOM=	0.95	TEST=	0
INDE	13	44	25	FOBS=	80.2	SIGMA=	2.7	PHAS=	43.6	FOM=	0.91	TEST=	0
INDE	13	44	27	FOBS=	117.2	SIGMA=	1.9	PHAS=	-163.3	FOM=	0.95	TEST=	0
INDE	13	44	29	FOBS=	163.0	SIGMA=	1.4	PHAS=	-49.5	FOM=	0.94	TEST=	0
INDE	13	44	31	FOBS=	56.5	SIGMA=	3.7	PHAS=	23.7	FOM=	0.88	TEST=	0
INDE	13	44	33	FOBS=	108.8	SIGMA=	1.8	PHAS=	132.0	FOM=	0.83	TEST=	0
INDE	13	44	35	FOBS=	70.7	SIGMA=	2.7	PHAS=	-25.1	FOM=	0.79	TEST=	0
INDE	13	44	37	FOBS=	122.0	SIGMA=	1.7	PHAS=	92.7	FOM=	0.95	TEST=	0
INDE	13	44	39	FOBS=	164.9	SIGMA=	1.3	PHAS=	66.1	FOM=	0.93	TEST=	0
INDE	13	44	41	FOBS=	72.2	SIGMA=	2.7	PHAS=	-114.6	FOM=	0.81	TEST=	0
INDE	13	44	43	FOBS=	129.8	SIGMA=	1.5	PHAS=	-47.1	FOM=	0.95	TEST=	0
INDE	13	44	45	FOBS=	74.8	SIGMA=	2.6	PHAS=	-94.1	FOM=	0.80	TEST=	0
INDE	13	44	47	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	44	49	FOBS=	32.9	SIGMA=	7.3	PHAS=	55.3	FOM=	0.30	TEST=	0
INDE	13	44	51	FOBS=	18.6	SIGMA=	14.2	PHAS=	-57.7	FOM=	0.12	TEST=	0
INDE	13	44	53	FOBS=	83.6	SIGMA=	2.7	PHAS=	-123.1	FOM=	0.90	TEST=	0
INDE	13	44	55	FOBS=	85.3	SIGMA=	2.6	PHAS=	-105.7	FOM=	0.88	TEST=	0
INDE	13	44	57	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	13	44	59	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	44	61	FOBS=	16.9	SIGMA=	16.2	PHAS=	19.6	FOM=	0.23	TEST=	0
INDE	13	45	14	FOBS=	42.4	SIGMA=	6.5	PHAS=	11.1	FOM=	0.25	TEST=	0
INDE	13	45	16	FOBS=	181.5	SIGMA=	1.2	PHAS=	37.0	FOM=	0.93	TEST=	0
INDE	13	45	18	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	45	20	FOBS=	154.9	SIGMA=	1.5	PHAS=	165.3	FOM=	0.50	TEST=	1

INDE	13	45	22	FOBS=	82.0	SIGMA=	2.6	PHAS=	-100.2	FOM=	0.78	TEST=	0
INDE	13	45	24	FOBS=	148.2	SIGMA=	1.5	PHAS=	-66.0	FOM=	0.97	TEST=	0
INDE	13	45	26	FOBS=	124.7	SIGMA=	1.8	PHAS=	22.4	FOM=	0.89	TEST=	0
INDE	13	45	28	FOBS=	84.2	SIGMA=	2.5	PHAS=	173.5	FOM=	0.93	TEST=	0
INDE	13	45	30	FOBS=	71.3	SIGMA=	3.0	PHAS=	-175.3	FOM=	0.85	TEST=	0
INDE	13	45	32	FOBS=	186.1	SIGMA=	1.1	PHAS=	52.3	FOM=	0.89	TEST=	0
INDE	13	45	34	FOBS=	65.6	SIGMA=	2.8	PHAS=	102.8	FOM=	0.56	TEST=	0
INDE	13	45	36	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	45	38	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	45	40	FOBS=	102.9	SIGMA=	1.9	PHAS=	-26.6	FOM=	0.93	TEST=	0
INDE	13	45	42	FOBS=	93.9	SIGMA=	2.1	PHAS=	-101.5	FOM=	0.93	TEST=	0
INDE	13	45	44	FOBS=	148.2	SIGMA=	1.4	PHAS=	174.7	FOM=	0.96	TEST=	0
INDE	13	45	46	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	45	48	FOBS=	75.6	SIGMA=	3.0	PHAS=	-99.9	FOM=	0.66	TEST=	0
INDE	13	45	50	FOBS=	6.3	SIGMA=	34.9	PHAS=	134.2	FOM=	0.15	TEST=	0
INDE	13	45	52	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	45	54	FOBS=	62.0	SIGMA=	3.6	PHAS=	-124.0	FOM=	0.70	TEST=	0
INDE	13	45	56	FOBS=	65.5	SIGMA=	3.4	PHAS=	164.2	FOM=	0.85	TEST=	0
INDE	13	45	58	FOBS=	31.4	SIGMA=	7.8	PHAS=	-118.3	FOM=	0.76	TEST=	0
INDE	13	45	60	FOBS=	55.6	SIGMA=	5.0	PHAS=	-98.7	FOM=	0.81	TEST=	0
INDE	13	45	62	FOBS=	0.0	SIGMA=	28.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	13	46	13	FOBS=	66.2	SIGMA=	4.2	PHAS=	-176.0	FOM=	0.15	TEST=	0
INDE	13	46	15	FOBS=	98.4	SIGMA=	2.2	PHAS=	18.2	FOM=	0.84	TEST=	0
INDE	13	46	17	FOBS=	124.7	SIGMA=	1.7	PHAS=	49.7	FOM=	0.92	TEST=	0
INDE	13	46	19	FOBS=	143.2	SIGMA=	1.5	PHAS=	135.4	FOM=	0.73	TEST=	0
INDE	13	46	21	FOBS=	188.0	SIGMA=	1.2	PHAS=	61.5	FOM=	0.92	TEST=	0
INDE	13	46	23	FOBS=	134.8	SIGMA=	1.6	PHAS=	174.7	FOM=	0.91	TEST=	0
INDE	13	46	25	FOBS=	193.2	SIGMA=	1.2	PHAS=	-145.9	FOM=	0.97	TEST=	0
INDE	13	46	27	FOBS=	13.6	SIGMA=	19.1	PHAS=	-65.1	FOM=	0.21	TEST=	0
INDE	13	46	29	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	46	31	FOBS=	62.4	SIGMA=	3.4	PHAS=	29.4	FOM=	0.24	TEST=	0
INDE	13	46	33	FOBS=	79.7	SIGMA=	2.4	PHAS=	44.5	FOM=	0.73	TEST=	0
INDE	13	46	35	FOBS=	89.0	SIGMA=	2.1	PHAS=	-103.7	FOM=	0.79	TEST=	0
INDE	13	46	37	FOBS=	99.7	SIGMA=	2.2	PHAS=	51.9	FOM=	0.87	TEST=	0
INDE	13	46	39	FOBS=	109.3	SIGMA=	1.8	PHAS=	-20.8	FOM=	0.94	TEST=	0
INDE	13	46	41	FOBS=	140.5	SIGMA=	1.4	PHAS=	-152.8	FOM=	0.94	TEST=	0
INDE	13	46	43	FOBS=	181.8	SIGMA=	1.2	PHAS=	-108.5	FOM=	0.19	TEST=	1
INDE	13	46	45	FOBS=	49.2	SIGMA=	3.8	PHAS=	107.4	FOM=	0.68	TEST=	0
INDE	13	46	47	FOBS=	60.3	SIGMA=	3.1	PHAS=	-162.8	FOM=	0.47	TEST=	0
INDE	13	46	49	FOBS=	45.4	SIGMA=	4.9	PHAS=	-39.8	FOM=	0.36	TEST=	0
INDE	13	46	51	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	46	53	FOBS=	30.8	SIGMA=	7.8	PHAS=	-50.1	FOM=	0.40	TEST=	0
INDE	13	46	55	FOBS=	53.7	SIGMA=	4.5	PHAS=	1.6	FOM=	0.67	TEST=	0
INDE	13	46	57	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	46	59	FOBS=	73.5	SIGMA=	3.8	PHAS=	138.4	FOM=	0.90	TEST=	0
INDE	13	46	61	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	47	14	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	47	16	FOBS=	90.1	SIGMA=	2.3	PHAS=	-75.8	FOM=	0.69	TEST=	0
INDE	13	47	18	FOBS=	197.0	SIGMA=	1.2	PHAS=	-0.5	FOM=	0.93	TEST=	0
INDE	13	47	20	FOBS=	41.2	SIGMA=	5.4	PHAS=	90.5	FOM=	0.46	TEST=	0
INDE	13	47	22	FOBS=	100.3	SIGMA=	2.1	PHAS=	-159.4	FOM=	0.78	TEST=	0
INDE	13	47	24	FOBS=	70.6	SIGMA=	2.9	PHAS=	114.9	FOM=	0.02	TEST=	1
INDE	13	47	26	FOBS=	76.5	SIGMA=	2.8	PHAS=	25.3	FOM=	0.60	TEST=	0
INDE	13	47	28	FOBS=	48.3	SIGMA=	4.3	PHAS=	5.5	FOM=	0.53	TEST=	0
INDE	13	47	30	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	47	32	FOBS=	111.9	SIGMA=	1.9	PHAS=	114.1	FOM=	0.94	TEST=	0
INDE	13	47	34	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	47	36	FOBS=	27.0	SIGMA=	8.2	PHAS=	-27.4	FOM=	0.11	TEST=	0
INDE	13	47	38	FOBS=	86.0	SIGMA=	2.2	PHAS=	-52.3	FOM=	0.91	TEST=	0
INDE	13	47	40	FOBS=	104.3	SIGMA=	2.0	PHAS=	-89.2	FOM=	0.92	TEST=	0
INDE	13	47	42	FOBS=	130.4	SIGMA=	1.6	PHAS=	-88.2	FOM=	0.94	TEST=	0
INDE	13	47	44	FOBS=	87.9	SIGMA=	2.2	PHAS=	-135.9	FOM=	0.92	TEST=	0
INDE	13	47	46	FOBS=	61.7	SIGMA=	3.1	PHAS=	61.4	FOM=	0.81	TEST=	0
INDE	13	47	48	FOBS=	47.1	SIGMA=	4.0	PHAS=	-84.8	FOM=	0.65	TEST=	0
INDE	13	47	50	FOBS=	25.3	SIGMA=	8.7	PHAS=	-121.1	FOM=	0.09	TEST=	1
INDE	13	47	52	FOBS=	53.8	SIGMA=	4.1	PHAS=	-153.7	FOM=	0.38	TEST=	0
INDE	13	47	54	FOBS=	77.9	SIGMA=	2.9	PHAS=	-129.3	FOM=	0.87	TEST=	0
INDE	13	47	56	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	47	58	FOBS=	38.5	SIGMA=	9.6	PHAS=	-39.5	FOM=	0.48	TEST=	0
INDE	13	47	60	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	13	48	13	FOBS=	120.3	SIGMA=	2.3	PHAS=	-170.7	FOM=	0.88	TEST=	0
INDE	13	48	15	FOBS=	154.0	SIGMA=	1.9	PHAS=	15.8	FOM=	0.90	TEST=	0
INDE	13	48	17	FOBS=	296.1	SIGMA=	0.9	PHAS=	-90.3	FOM=	0.97	TEST=	0
INDE	13	48	19	FOBS=	57.2	SIGMA=	3.6	PHAS=	2.8	FOM=	0.70	TEST=	0
INDE	13	48	21	FOBS=	165.6	SIGMA=	1.4	PHAS=	76.1	FOM=	0.92	TEST=	0
INDE	13	48	23	FOBS=	73.2	SIGMA=	2.8	PHAS=	155.0	FOM=	0.85	TEST=	0
INDE	13	48	25	FOBS=	164.8	SIGMA=	1.3	PHAS=	-90.4	FOM=	0.80	TEST=	0
INDE	13	48	27	FOBS=	103.6	SIGMA=	2.0	PHAS=	-31.6	FOM=	0.90	TEST=	0
INDE	13	48	29	FOBS=	59.3	SIGMA=	3.5	PHAS=	87.8	FOM=	0.70	TEST=	0
INDE	13	48	31	FOBS=	55.4	SIGMA=	3.8	PHAS=	10.0	FOM=	0.86	TEST=	0
INDE	13	48	33	FOBS=	100.7	SIGMA=	2.1	PHAS=	37.1	FOM=	0.86	TEST=	0
INDE	13	48	35	FOBS=	56.5	SIGMA=	3.2	PHAS=	-102.3	FOM=	0.80	TEST=	0
INDE	13	48	37	FOBS=	66.3	SIGMA=	2.8	PHAS=	-124.5	FOM=	0.89	TEST=	0
INDE	13	48	39	FOBS=	102.4	SIGMA=	1.9	PHAS=	-78.2	FOM=	0.90	TEST=	0
INDE	13	48	41	FOBS=	135.3	SIGMA=	1.5	PHAS=	123.0	FOM=	0.92	TEST=	0
INDE	13	48	43	FOBS=	82.7	SIGMA=	2.3	PHAS=	157.7	FOM=	0.76	TEST=	1
INDE	13	48	45	FOBS=	54.9	SIGMA=	3.5	PHAS=	-120.2	FOM=	0.42	TEST=	0
INDE	13	48	47	FOBS=	48.5	SIGMA=	3.9	PHAS=	-140.1	FOM=	0.59	TEST=	0
INDE	13	48	49	FOBS=	83.3	SIGMA=	2.5	PHAS=	-156.0	FOM=	0.82	TEST=	0
INDE	13	48	51	FOBS=	27.1	SIGMA=	8.9	PHAS=	-170.7	FOM=	0.44	TEST=	0
INDE	13	48	53	FOBS=	61.6	SIGMA=	3.7	PHAS=	112.8	FOM=	0.83	TEST=	0
INDE	13	48	55	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	48	57	FOBS=	48.3	SIGMA=	7.6	PHAS=	144.2	FOM=	0.08	TEST=	1
INDE	13	48	59	FOBS=	53.3	SIGMA=	5.4	PHAS=	88.3	FOM=	0.51	TEST=	0
INDE	13	49	14	FOBS=	126.2	SIGMA=	2.2	PHAS=	-142.2	FOM=	0.48	TEST=	1
INDE	13	49	16	FOBS=	272.3	SIGMA=	1.0	PHAS=	-156.1	FOM=	0.96	TEST=	0
INDE	13	49	18	FOBS=	113.0	SIGMA=	1.8	PHAS=	-79.4	FOM=	0.78	TEST=	0
INDE	13	49	20	FOBS=	55.0	SIGMA=	3.7	PHAS=	-9.1	FOM=	0.48	TEST=	0
INDE	13	49	22	FOBS=	134.2	SIGMA=	1.6	PHAS=	-162.1	FOM=	0.84	TEST=	0
INDE	13	49	24	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	49	26	FOBS=	74.3	SIGMA=	2.8	PHAS=	-20.5	FOM=	0.26	TEST=	0
INDE	13	49	28	FOBS=	181.9	SIGMA=	1.2	PHAS=	-52.2	FOM=	0.97	TEST=	0
INDE	13	49	30	FOBS=	24.3	SIGMA=	8.4	PHAS=	114.0	FOM=	0.17	TEST=	1
INDE	13	49	32	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	49	34	FOBS=	99.2	SIGMA=	1.9	PHAS=	-107.5	FOM=	0.90	TEST=	0
INDE	13	49	36	FOBS=	171.6	SIGMA=	1.2	PHAS=	157.9	FOM=	0.96	TEST=	0
INDE	13	49	38	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	13	49	40	FOBS=	60.9	SIGMA=	3.1	PHAS=	-158.2	FOM=	0.82	TEST=	0
INDE	13	49	42	FOBS=	58.2	SIGMA=	3.3	PHAS=	57.0	FOM=	0.32	TEST=	0
INDE	13	49	44	FOBS=	55.9	SIGMA=	3.4	PHAS=	32.0	FOM=	0.80	TEST=	0
INDE	13	49	46	FOBS=	70.2	SIGMA=	2.7	PHAS=	122.5	FOM=	0.84	TEST=	0
INDE	13	49	48	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	49	50	FOBS=	29.3	SIGMA=	7.1	PHAS=	10.0	FOM=	0.38	TEST=	0
INDE	13	49	52	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	49	54	FOBS=	55.7	SIGMA=	4.1	PHAS=	59.7	FOM=	0.79	TEST=	0
INDE	13	49	56	FOBS=	16.3	SIGMA=	16.8	PHAS=	84.3	FOM=	0.47	TEST=	0
INDE	13	49	58	FOBS=	33.0	SIGMA=	10.1	PHAS=	-30.6	FOM=	0.22	TEST=	0
INDE	13	50	13	FOBS=	91.7	SIGMA=	2.9	PHAS=	105.9	FOM=	0.87	TEST=	0
INDE	13	50	15	FOBS=	59.2	SIGMA=	4.5	PHAS=	69.2	FOM=	0.75	TEST=	0
INDE	13	50	17	FOBS=	19.6	SIGMA=	10.2	PHAS=	164.7	FOM=	0.40	TEST=	0
INDE	13	50	19	FOBS=	59.2	SIGMA=	3.4	PHAS=	149.2	FOM=	0.54	TEST=	0
INDE	13	50	21	FOBS=	118.8	SIGMA=	1.9	PHAS=	55.1	FOM=	0.78	TEST=	0
INDE	13	50	23	FOBS=	85.6	SIGMA=	2.4	PHAS=	134.5	FOM=	0.50	TEST=	0
INDE	13	50	25	FOBS=	43.3	SIGMA=	5.1	PHAS=	-52.3	FOM=	0.45	TEST=	0
INDE	13	50	27	FOBS=	70.6	SIGMA=	2.9	PHAS=	18.0	FOM=	0.20	TEST=	0
INDE	13	50	29	FOBS=	103.4	SIGMA=	2.0	PHAS=	-134.7	FOM=	0.82	TEST=	0
INDE	13	50	31	FOBS=	64.5	SIGMA=	3.2	PHAS=	-162.5	FOM=	0.04	TEST=	1
INDE	13	50	33	FOBS=	162.8	SIGMA=	1.4	PHAS=	119.0	FOM=	0.95	TEST=	0
INDE	13	50	35	FOBS=	130.3	SIGMA=	1.5	PHAS=	112.8	FOM=	0.96	TEST=	0
INDE	13	50	37	FOBS=	22.8	SIGMA=	8.5	PHAS=	152.4	FOM=	0.38	TEST=	0
INDE	13	50	39	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	50	41	FOBS=	54.8	SIGMA=	3.5	PHAS=	-24.3	FOM=	0.47	TEST=	0
INDE	13	50	43	FOBS=	98.3	SIGMA=	2.0	PHAS=	-75.4	FOM=	0.11	TEST=	1
INDE	13	50	45	FOBS=	41.8	SIGMA=	4.9	PHAS=	-53.7	FOM=	0.66	TEST=	0
INDE	13	50	47	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	50	49	FOBS=	50.7	SIGMA=	4.1	PHAS=	-119.4	FOM=	0.81	TEST=	0
INDE	13	50	51	FOBS=	83.2	SIGMA=	2.6	PHAS=	-41.9	FOM=	0.88	TEST=	0
INDE	13	50	53	FOBS=	25.4	SIGMA=	8.9	PHAS=	-27.2	FOM=	0.28	TEST=	0
INDE	13	50	55	FOBS=	0.0	SIGMA=	27.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	50	57	FOBS=	43.2	SIGMA=	6.5	PHAS=	48.6	FOM=	0.16	TEST=	0

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INDE	13	51	14	FOBS=	86.9	SIGMA=	3.1	PHAS=	-104.2	FOM=	0.73	TEST=	0
INDE	13	51	16	FOBS=	73.1	SIGMA=	3.6	PHAS=	175.8	FOM=	0.72	TEST=	1
INDE	13	51	18	FOBS=	103.3	SIGMA=	2.0	PHAS=	-94.2	FOM=	0.89	TEST=	0
INDE	13	51	20	FOBS=	56.3	SIGMA=	3.5	PHAS=	143.1	FOM=	0.27	TEST=	1
INDE	13	51	22	FOBS=	73.3	SIGMA=	2.8	PHAS=	-89.5	FOM=	0.54	TEST=	0
INDE	13	51	24	FOBS=	84.7	SIGMA=	2.5	PHAS=	-142.7	FOM=	0.59	TEST=	0
INDE	13	51	26	FOBS=	156.0	SIGMA=	1.4	PHAS=	5.4	FOM=	0.92	TEST=	0
INDE	13	51	28	FOBS=	61.1	SIGMA=	3.4	PHAS=	-100.8	FOM=	0.61	TEST=	0
INDE	13	51	30	FOBS=	42.4	SIGMA=	4.7	PHAS=	157.9	FOM=	0.63	TEST=	0
INDE	13	51	32	FOBS=	129.5	SIGMA=	1.7	PHAS=	33.6	FOM=	0.94	TEST=	0
INDE	13	51	34	FOBS=	108.2	SIGMA=	2.0	PHAS=	55.9	FOM=	0.80	TEST=	1
INDE	13	51	36	FOBS=	92.8	SIGMA=	2.0	PHAS=	60.5	FOM=	0.08	TEST=	1
INDE	13	51	38	FOBS=	108.9	SIGMA=	1.7	PHAS=	-34.2	FOM=	0.93	TEST=	0
INDE	13	51	40	FOBS=	89.4	SIGMA=	1.9	PHAS=	-146.1	FOM=	0.86	TEST=	0
INDE	13	51	42	FOBS=	69.8	SIGMA=	2.8	PHAS=	19.3	FOM=	0.79	TEST=	0
INDE	13	51	44	FOBS=	134.6	SIGMA=	1.5	PHAS=	-7.5	FOM=	0.95	TEST=	0
INDE	13	51	46	FOBS=	90.1	SIGMA=	2.2	PHAS=	164.7	FOM=	0.10	TEST=	1
INDE	13	51	48	FOBS=	26.0	SIGMA=	8.8	PHAS=	-58.8	FOM=	0.17	TEST=	0
INDE	13	51	50	FOBS=	94.3	SIGMA=	2.3	PHAS=	-128.0	FOM=	0.95	TEST=	0
INDE	13	51	52	FOBS=	62.5	SIGMA=	3.4	PHAS=	-128.0	FOM=	0.62	TEST=	0
INDE	13	51	54	FOBS=	70.8	SIGMA=	4.0	PHAS=	-160.0	FOM=	0.66	TEST=	0
INDE	13	51	56	FOBS=	41.4	SIGMA=	8.2	PHAS=	82.8	FOM=	0.52	TEST=	0
INDE	13	52	13	FOBS=	68.0	SIGMA=	3.9	PHAS=	-109.2	FOM=	0.70	TEST=	0
INDE	13	52	15	FOBS=	34.3	SIGMA=	7.4	PHAS=	-122.4	FOM=	0.20	TEST=	0
INDE	13	52	17	FOBS=	275.9	SIGMA=	1.1	PHAS=	87.6	FOM=	0.96	TEST=	0
INDE	13	52	19	FOBS=	99.8	SIGMA=	2.0	PHAS=	155.7	FOM=	0.60	TEST=	0
INDE	13	52	21	FOBS=	87.7	SIGMA=	2.3	PHAS=	-171.8	FOM=	0.81	TEST=	0
INDE	13	52	23	FOBS=	99.1	SIGMA=	2.1	PHAS=	175.5	FOM=	0.86	TEST=	0
INDE	13	52	25	FOBS=	191.1	SIGMA=	1.2	PHAS=	-174.3	FOM=	0.12	TEST=	1
INDE	13	52	27	FOBS=	28.3	SIGMA=	7.9	PHAS=	22.7	FOM=	0.20	TEST=	0
INDE	13	52	29	FOBS=	31.0	SIGMA=	7.0	PHAS=	167.6	FOM=	0.44	TEST=	0
INDE	13	52	31	FOBS=	62.4	SIGMA=	3.2	PHAS=	11.4	FOM=	0.76	TEST=	0
INDE	13	52	33	FOBS=	80.8	SIGMA=	2.6	PHAS=	-6.8	FOM=	0.79	TEST=	0
INDE	13	52	35	FOBS=	44.7	SIGMA=	4.6	PHAS=	64.7	FOM=	0.19	TEST=	0
INDE	13	52	37	FOBS=	84.5	SIGMA=	2.2	PHAS=	-131.3	FOM=	0.89	TEST=	0
INDE	13	52	39	FOBS=	47.9	SIGMA=	3.8	PHAS=	158.8	FOM=	0.74	TEST=	0
INDE	13	52	41	FOBS=	73.1	SIGMA=	2.3	PHAS=	-104.1	FOM=	0.89	TEST=	0
INDE	13	52	43	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	52	45	FOBS=	154.9	SIGMA=	1.3	PHAS=	-81.1	FOM=	0.63	TEST=	1
INDE	13	52	47	FOBS=	68.1	SIGMA=	2.9	PHAS=	-153.1	FOM=	0.58	TEST=	0
INDE	13	52	49	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	52	51	FOBS=	38.1	SIGMA=	5.5	PHAS=	-174.0	FOM=	0.65	TEST=	0
INDE	13	52	53	FOBS=	44.7	SIGMA=	5.6	PHAS=	-43.8	FOM=	0.01	TEST=	1
INDE	13	52	55	FOBS=	9.4	SIGMA=	36.2	PHAS=	30.7	FOM=	0.17	TEST=	0
INDE	13	53	14	FOBS=	101.7	SIGMA=	2.6	PHAS=	126.1	FOM=	0.73	TEST=	0
INDE	13	53	16	FOBS=	157.2	SIGMA=	1.8	PHAS=	-30.6	FOM=	0.89	TEST=	0
INDE	13	53	18	FOBS=	211.8	SIGMA=	1.1	PHAS=	-25.7	FOM=	0.98	TEST=	0
INDE	13	53	20	FOBS=	86.8	SIGMA=	2.3	PHAS=	134.8	FOM=	0.81	TEST=	0
INDE	13	53	22	FOBS=	86.8	SIGMA=	2.3	PHAS=	95.5	FOM=	0.89	TEST=	1
INDE	13	53	24	FOBS=	43.5	SIGMA=	4.7	PHAS=	-163.8	FOM=	0.20	TEST=	0
INDE	13	53	26	FOBS=	213.6	SIGMA=	1.1	PHAS=	-133.1	FOM=	0.94	TEST=	0
INDE	13	53	28	FOBS=	33.8	SIGMA=	5.9	PHAS=	133.2	FOM=	0.51	TEST=	0
INDE	13	53	30	FOBS=	80.6	SIGMA=	2.5	PHAS=	90.0	FOM=	0.79	TEST=	0
INDE	13	53	32	FOBS=	55.5	SIGMA=	3.6	PHAS=	-24.3	FOM=	0.32	TEST=	0
INDE	13	53	34	FOBS=	24.0	SIGMA=	9.3	PHAS=	120.2	FOM=	0.17	TEST=	0
INDE	13	53	36	FOBS=	23.2	SIGMA=	8.5	PHAS=	-113.2	FOM=	0.54	TEST=	0
INDE	13	53	38	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	53	40	FOBS=	35.5	SIGMA=	5.1	PHAS=	105.0	FOM=	0.34	TEST=	0
INDE	13	53	42	FOBS=	29.6	SIGMA=	6.4	PHAS=	9.6	FOM=	0.57	TEST=	0
INDE	13	53	44	FOBS=	78.9	SIGMA=	2.5	PHAS=	-135.4	FOM=	0.71	TEST=	0
INDE	13	53	46	FOBS=	57.0	SIGMA=	3.4	PHAS=	-172.0	FOM=	0.80	TEST=	0
INDE	13	53	48	FOBS=	82.9	SIGMA=	2.7	PHAS=	-145.8	FOM=	0.92	TEST=	0
INDE	13	53	50	FOBS=	46.7	SIGMA=	5.1	PHAS=	-167.2	FOM=	0.79	TEST=	0
INDE	13	53	52	FOBS=	92.0	SIGMA=	2.9	PHAS=	107.5	FOM=	0.92	TEST=	0
INDE	13	53	54	FOBS=	52.2	SIGMA=	5.7	PHAS=	-165.4	FOM=	0.76	TEST=	0
INDE	13	54	13	FOBS=	157.1	SIGMA=	1.8	PHAS=	23.9	FOM=	0.94	TEST=	0
INDE	13	54	15	FOBS=	168.2	SIGMA=	1.7	PHAS=	-115.9	FOM=	0.95	TEST=	0
INDE	13	54	17	FOBS=	100.8	SIGMA=	2.6	PHAS=	-64.2	FOM=	0.96	TEST=	0
INDE	13	54	19	FOBS=	196.4	SIGMA=	1.1	PHAS=	-124.0	FOM=	0.95	TEST=	0
INDE	13	54	21	FOBS=	143.8	SIGMA=	1.5	PHAS=	157.7	FOM=	0.94	TEST=	0

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INDE	13	54	23	FOBS=	36.4	SIGMA=	6.1	PHAS=	16.1	FOM=	0.83	TEST=	0
INDE	13	54	25	FOBS=	37.8	SIGMA=	5.3	PHAS=	5.6	FOM=	0.80	TEST=	0
INDE	13	54	27	FOBS=	89.9	SIGMA=	2.3	PHAS=	48.4	FOM=	0.90	TEST=	0
INDE	13	54	29	FOBS=	47.3	SIGMA=	4.2	PHAS=	38.8	FOM=	0.66	TEST=	0
INDE	13	54	31	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	54	33	FOBS=	46.4	SIGMA=	4.3	PHAS=	23.3	FOM=	0.53	TEST=	0
INDE	13	54	35	FOBS=	42.7	SIGMA=	4.8	PHAS=	153.5	FOM=	0.37	TEST=	0
INDE	13	54	37	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	54	39	FOBS=	52.7	SIGMA=	3.4	PHAS=	28.8	FOM=	0.42	TEST=	0
INDE	13	54	41	FOBS=	48.9	SIGMA=	3.6	PHAS=	-78.8	FOM=	0.84	TEST=	0
INDE	13	54	43	FOBS=	42.2	SIGMA=	4.3	PHAS=	69.9	FOM=	0.41	TEST=	0
INDE	13	54	45	FOBS=	21.8	SIGMA=	9.8	PHAS=	134.5	FOM=	0.29	TEST=	0
INDE	13	54	47	FOBS=	96.0	SIGMA=	2.6	PHAS=	139.1	FOM=	0.91	TEST=	0
INDE	13	54	49	FOBS=	76.5	SIGMA=	3.2	PHAS=	98.9	FOM=	0.92	TEST=	0
INDE	13	54	51	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	54	53	FOBS=	53.6	SIGMA=	6.6	PHAS=	-142.8	FOM=	0.26	TEST=	1
INDE	13	55	14	FOBS=	111.7	SIGMA=	2.4	PHAS=	137.1	FOM=	0.93	TEST=	0
INDE	13	55	16	FOBS=	136.1	SIGMA=	2.0	PHAS=	168.7	FOM=	0.96	TEST=	1
INDE	13	55	18	FOBS=	27.3	SIGMA=	9.2	PHAS=	-118.7	FOM=	0.41	TEST=	1
INDE	13	55	20	FOBS=	121.2	SIGMA=	1.7	PHAS=	133.9	FOM=	0.93	TEST=	0
INDE	13	55	22	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	55	24	FOBS=	137.8	SIGMA=	1.5	PHAS=	-60.9	FOM=	0.92	TEST=	0
INDE	13	55	26	FOBS=	137.8	SIGMA=	1.5	PHAS=	-86.4	FOM=	0.94	TEST=	0
INDE	13	55	28	FOBS=	69.1	SIGMA=	2.9	PHAS=	-20.9	FOM=	0.56	TEST=	1
INDE	13	55	30	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	55	32	FOBS=	105.1	SIGMA=	2.0	PHAS=	-179.7	FOM=	0.87	TEST=	0
INDE	13	55	34	FOBS=	48.1	SIGMA=	4.2	PHAS=	-68.2	FOM=	0.73	TEST=	0
INDE	13	55	36	FOBS=	89.7	SIGMA=	2.3	PHAS=	-96.4	FOM=	0.84	TEST=	0
INDE	13	55	38	FOBS=	16.7	SIGMA=	10.9	PHAS=	-70.7	FOM=	0.40	TEST=	0
INDE	13	55	40	FOBS=	21.1	SIGMA=	10.6	PHAS=	-0.8	FOM=	0.05	TEST=	0
INDE	13	55	42	FOBS=	14.6	SIGMA=	12.3	PHAS=	-34.5	FOM=	0.30	TEST=	0
INDE	13	55	44	FOBS=	34.1	SIGMA=	5.7	PHAS=	89.0	FOM=	0.74	TEST=	0
INDE	13	55	46	FOBS=	55.7	SIGMA=	4.2	PHAS=	-24.3	FOM=	0.68	TEST=	0
INDE	13	55	48	FOBS=	57.6	SIGMA=	4.7	PHAS=	-3.2	FOM=	0.45	TEST=	1
INDE	13	55	50	FOBS=	0.0	SIGMA=	26.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	55	52	FOBS=	0.0	SIGMA=	28.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	56	13	FOBS=	116.1	SIGMA=	1.2	PHAS=	-20.5	FOM=	0.93	TEST=	0
INDE	13	56	15	FOBS=	41.1	SIGMA=	6.1	PHAS=	19.1	FOM=	0.56	TEST=	0
INDE	13	56	17	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	56	19	FOBS=	105.3	SIGMA=	1.9	PHAS=	-173.4	FOM=	0.69	TEST=	0
INDE	13	56	21	FOBS=	106.7	SIGMA=	1.9	PHAS=	122.9	FOM=	0.76	TEST=	1
INDE	13	56	23	FOBS=	41.0	SIGMA=	4.8	PHAS=	-164.9	FOM=	0.53	TEST=	0
INDE	13	56	25	FOBS=	41.4	SIGMA=	4.8	PHAS=	163.2	FOM=	0.84	TEST=	0
INDE	13	56	27	FOBS=	58.6	SIGMA=	3.4	PHAS=	-107.8	FOM=	0.48	TEST=	0
INDE	13	56	29	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	56	31	FOBS=	75.6	SIGMA=	2.7	PHAS=	111.5	FOM=	0.65	TEST=	0
INDE	13	56	33	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	56	35	FOBS=	97.8	SIGMA=	2.1	PHAS=	150.4	FOM=	0.77	TEST=	0
INDE	13	56	37	FOBS=	32.3	SIGMA=	11.8	PHAS=	-125.8	FOM=	0.44	TEST=	0
INDE	13	56	39	FOBS=	57.6	SIGMA=	3.4	PHAS=	-94.2	FOM=	0.81	TEST=	0
INDE	13	56	41	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	56	43	FOBS=	31.0	SIGMA=	6.6	PHAS=	-38.7	FOM=	0.11	TEST=	0
INDE	13	56	45	FOBS=	62.5	SIGMA=	3.2	PHAS=	11.9	FOM=	0.82	TEST=	0
INDE	13	56	47	FOBS=	53.2	SIGMA=	5.1	PHAS=	-108.3	FOM=	0.41	TEST=	0
INDE	13	56	49	FOBS=	23.5	SIGMA=	15.2	PHAS=	-126.7	FOM=	0.35	TEST=	0
INDE	13	56	51	FOBS=	17.9	SIGMA=	20.3	PHAS=	113.0	FOM=	0.02	TEST=	1
INDE	13	57	14	FOBS=	142.8	SIGMA=	1.4	PHAS=	165.7	FOM=	0.96	TEST=	0
INDE	13	57	16	FOBS=	59.7	SIGMA=	4.3	PHAS=	123.1	FOM=	0.48	TEST=	0
INDE	13	57	18	FOBS=	113.3	SIGMA=	2.3	PHAS=	83.9	FOM=	0.76	TEST=	0
INDE	13	57	20	FOBS=	88.8	SIGMA=	2.2	PHAS=	15.1	FOM=	0.89	TEST=	0
INDE	13	57	22	FOBS=	3.3	SIGMA=	61.0	PHAS=	-39.7	FOM=	0.05	TEST=	0
INDE	13	57	24	FOBS=	34.6	SIGMA=	5.6	PHAS=	-39.3	FOM=	0.13	TEST=	0
INDE	13	57	26	FOBS=	67.0	SIGMA=	3.0	PHAS=	-134.8	FOM=	0.26	TEST=	0
INDE	13	57	28	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	13	57	30	FOBS=	60.7	SIGMA=	3.3	PHAS=	100.4	FOM=	0.82	TEST=	0
INDE	13	57	32	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	57	34	FOBS=	51.4	SIGMA=	4.3	PHAS=	-76.4	FOM=	0.34	TEST=	0
INDE	13	57	36	FOBS=	82.5	SIGMA=	3.1	PHAS=	-84.5	FOM=	0.89	TEST=	0
INDE	13	57	38	FOBS=	91.2	SIGMA=	2.4	PHAS=	-156.5	FOM=	0.89	TEST=	0
INDE	13	57	40	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	13	57	42	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	57	44	FOBS=	29.5	SIGMA=	7.0	PHAS=	-5.7	FOM=	0.26	TEST=	0
INDE	13	57	46	FOBS=	94.6	SIGMA=	2.4	PHAS=	-75.8	FOM=	0.91	TEST=	0
INDE	13	57	48	FOBS=	37.5	SIGMA=	12.1	PHAS=	-57.0	FOM=	0.61	TEST=	0
INDE	13	57	50	FOBS=	108.4	SIGMA=	3.5	PHAS=	135.1	FOM=	0.92	TEST=	0
INDE	13	58	13	FOBS=	92.0	SIGMA=	2.8	PHAS=	22.6	FOM=	0.86	TEST=	0
INDE	13	58	15	FOBS=	45.4	SIGMA=	4.3	PHAS=	23.4	FOM=	0.17	TEST=	1
INDE	13	58	17	FOBS=	49.2	SIGMA=	5.1	PHAS=	-93.6	FOM=	0.66	TEST=	0
INDE	13	58	19	FOBS=	52.6	SIGMA=	4.8	PHAS=	-77.3	FOM=	0.84	TEST=	0
INDE	13	58	21	FOBS=	72.7	SIGMA=	2.7	PHAS=	-96.1	FOM=	0.69	TEST=	0
INDE	13	58	23	FOBS=	74.5	SIGMA=	2.6	PHAS=	-32.5	FOM=	0.94	TEST=	0
INDE	13	58	25	FOBS=	117.4	SIGMA=	1.8	PHAS=	91.9	FOM=	0.88	TEST=	0
INDE	13	58	27	FOBS=	31.5	SIGMA=	6.2	PHAS=	-3.5	FOM=	0.43	TEST=	0
INDE	13	58	29	FOBS=	101.3	SIGMA=	2.2	PHAS=	-22.0	FOM=	0.87	TEST=	0
INDE	13	58	31	FOBS=	64.3	SIGMA=	3.8	PHAS=	36.8	FOM=	0.78	TEST=	0
INDE	13	58	33	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	58	35	FOBS=	30.4	SIGMA=	9.0	PHAS=	153.1	FOM=	0.55	TEST=	0
INDE	13	58	37	FOBS=	67.0	SIGMA=	3.8	PHAS=	-163.7	FOM=	0.66	TEST=	0
INDE	13	58	39	FOBS=	24.1	SIGMA=	9.8	PHAS=	-67.3	FOM=	0.32	TEST=	0
INDE	13	58	41	FOBS=	43.3	SIGMA=	5.0	PHAS=	-163.2	FOM=	0.62	TEST=	0
INDE	13	58	43	FOBS=	48.3	SIGMA=	4.3	PHAS=	-146.4	FOM=	0.79	TEST=	0
INDE	13	58	45	FOBS=	27.0	SIGMA=	7.8	PHAS=	123.7	FOM=	0.26	TEST=	0
INDE	13	58	47	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	58	49	FOBS=	89.3	SIGMA=	4.1	PHAS=	-56.0	FOM=	0.31	TEST=	1
INDE	13	59	14	FOBS=	93.7	SIGMA=	1.8	PHAS=	109.2	FOM=	0.82	TEST=	0
INDE	13	59	16	FOBS=	58.8	SIGMA=	3.3	PHAS=	155.2	FOM=	0.76	TEST=	0
INDE	13	59	18	FOBS=	65.2	SIGMA=	3.9	PHAS=	31.3	FOM=	0.12	TEST=	0
INDE	13	59	20	FOBS=	83.9	SIGMA=	3.0	PHAS=	103.9	FOM=	0.74	TEST=	0
INDE	13	59	22	FOBS=	37.2	SIGMA=	5.7	PHAS=	-133.1	FOM=	0.76	TEST=	0
INDE	13	59	24	FOBS=	78.2	SIGMA=	2.8	PHAS=	-79.5	FOM=	0.69	TEST=	0
INDE	13	59	26	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	59	28	FOBS=	37.2	SIGMA=	6.4	PHAS=	138.1	FOM=	0.27	TEST=	1
INDE	13	59	30	FOBS=	106.2	SIGMA=	2.3	PHAS=	-54.1	FOM=	0.88	TEST=	0
INDE	13	59	32	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	59	34	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	59	36	FOBS=	83.1	SIGMA=	3.1	PHAS=	94.5	FOM=	0.74	TEST=	0
INDE	13	59	38	FOBS=	158.1	SIGMA=	2.1	PHAS=	-149.6	FOM=	0.97	TEST=	0
INDE	13	59	40	FOBS=	62.6	SIGMA=	3.5	PHAS=	46.8	FOM=	0.73	TEST=	0
INDE	13	59	42	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	59	44	FOBS=	29.4	SIGMA=	7.2	PHAS=	116.2	FOM=	0.27	TEST=	0
INDE	13	59	46	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	59	48	FOBS=	52.1	SIGMA=	5.8	PHAS=	-79.8	FOM=	0.53	TEST=	0
INDE	13	60	13	FOBS=	87.3	SIGMA=	2.3	PHAS=	109.9	FOM=	0.94	TEST=	0
INDE	13	60	15	FOBS=	33.9	SIGMA=	5.1	PHAS=	97.1	FOM=	0.45	TEST=	0
INDE	13	60	17	FOBS=	65.2	SIGMA=	2.9	PHAS=	-117.9	FOM=	0.85	TEST=	0
INDE	13	60	19	FOBS=	57.7	SIGMA=	4.8	PHAS=	-84.5	FOM=	0.38	TEST=	0
INDE	13	60	21	FOBS=	106.3	SIGMA=	2.2	PHAS=	7.1	FOM=	0.86	TEST=	0
INDE	13	60	23	FOBS=	56.8	SIGMA=	4.1	PHAS=	-2.9	FOM=	0.90	TEST=	0
INDE	13	60	25	FOBS=	138.6	SIGMA=	1.8	PHAS=	-17.9	FOM=	0.87	TEST=	0
INDE	13	60	27	FOBS=	30.0	SIGMA=	9.2	PHAS=	49.7	FOM=	0.65	TEST=	0
INDE	13	60	29	FOBS=	91.2	SIGMA=	2.7	PHAS=	-74.3	FOM=	0.90	TEST=	0
INDE	13	60	31	FOBS=	45.6	SIGMA=	5.3	PHAS=	-73.5	FOM=	0.66	TEST=	0
INDE	13	60	33	FOBS=	34.6	SIGMA=	7.0	PHAS=	141.3	FOM=	0.10	TEST=	0
INDE	13	60	35	FOBS=	49.9	SIGMA=	5.6	PHAS=	-59.6	FOM=	0.53	TEST=	0
INDE	13	60	37	FOBS=	106.6	SIGMA=	2.5	PHAS=	-69.2	FOM=	0.11	TEST=	1
INDE	13	60	39	FOBS=	49.5	SIGMA=	4.7	PHAS=	159.6	FOM=	0.74	TEST=	0
INDE	13	60	41	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	60	43	FOBS=	24.5	SIGMA=	9.1	PHAS=	137.4	FOM=	0.32	TEST=	0
INDE	13	60	45	FOBS=	0.0	SIGMA=	25.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	60	47	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	61	14	FOBS=	73.5	SIGMA=	3.4	PHAS=	63.4	FOM=	0.90	TEST=	0
INDE	13	61	16	FOBS=	27.3	SIGMA=	7.6	PHAS=	64.4	FOM=	0.28	TEST=	0
INDE	13	61	18	FOBS=	21.1	SIGMA=	13.2	PHAS=	-160.3	FOM=	0.29	TEST=	0
INDE	13	61	20	FOBS=	32.4	SIGMA=	10.4	PHAS=	26.2	FOM=	0.38	TEST=	0
INDE	13	61	22	FOBS=	42.8	SIGMA=	5.3	PHAS=	-105.6	FOM=	0.80	TEST=	0
INDE	13	61	24	FOBS=	55.7	SIGMA=	4.1	PHAS=	-103.3	FOM=	0.57	TEST=	0
INDE	13	61	26	FOBS=	87.6	SIGMA=	2.7	PHAS=	-100.3	FOM=	0.88	TEST=	0
INDE	13	61	28	FOBS=	61.6	SIGMA=	3.9	PHAS=	141.0	FOM=	0.62	TEST=	0
INDE	13	61	30	FOBS=	16.3	SIGMA=	14.8	PHAS=	-85.1	FOM=	0.30	TEST=	1
INDE	13	61	32	FOBS=	31.0	SIGMA=	9.2	PHAS=	-166.3	FOM=	0.29	TEST=	0

INDE	13	61	34	FOBS=	60.7	SIGMA=	4.1	PHAS=	133.4	FOM=	0.78	TEST=	0
INDE	13	61	36	FOBS=	50.0	SIGMA=	5.1	PHAS=	77.1	FOM=	0.51	TEST=	0
INDE	13	61	38	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	61	40	FOBS=	36.9	SIGMA=	8.5	PHAS=	116.9	FOM=	0.36	TEST=	0
INDE	13	61	42	FOBS=	76.4	SIGMA=	3.3	PHAS=	-128.4	FOM=	0.79	TEST=	0
INDE	13	61	44	FOBS=	16.6	SIGMA=	16.6	PHAS=	167.6	FOM=	0.07	TEST=	1
INDE	13	61	46	FOBS=	18.0	SIGMA=	17.1	PHAS=	173.3	FOM=	0.26	TEST=	0
INDE	13	62	13	FOBS=	66.5	SIGMA=	3.3	PHAS=	-86.7	FOM=	0.84	TEST=	0
INDE	13	62	15	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	62	17	FOBS=	92.2	SIGMA=	2.4	PHAS=	100.0	FOM=	0.88	TEST=	0
INDE	13	62	19	FOBS=	44.5	SIGMA=	7.6	PHAS=	0.7	FOM=	0.32	TEST=	0
INDE	13	62	21	FOBS=	53.1	SIGMA=	6.4	PHAS=	35.1	FOM=	0.80	TEST=	0
INDE	13	62	23	FOBS=	129.9	SIGMA=	1.9	PHAS=	34.6	FOM=	0.90	TEST=	0
INDE	13	62	25	FOBS=	58.8	SIGMA=	4.6	PHAS=	-5.4	FOM=	0.70	TEST=	0
INDE	13	62	27	FOBS=	39.0	SIGMA=	6.9	PHAS=	-172.5	FOM=	0.12	TEST=	0
INDE	13	62	29	FOBS=	12.6	SIGMA=	27.3	PHAS=	-63.7	FOM=	0.25	TEST=	0
INDE	13	62	31	FOBS=	71.4	SIGMA=	4.0	PHAS=	-44.4	FOM=	0.08	TEST=	1
INDE	13	62	33	FOBS=	61.6	SIGMA=	4.6	PHAS=	40.8	FOM=	0.86	TEST=	0
INDE	13	62	35	FOBS=	44.3	SIGMA=	6.5	PHAS=	22.8	FOM=	0.74	TEST=	0
INDE	13	62	37	FOBS=	39.2	SIGMA=	7.4	PHAS=	-67.7	FOM=	0.75	TEST=	0
INDE	13	62	39	FOBS=	55.0	SIGMA=	5.5	PHAS=	168.0	FOM=	0.31	TEST=	1
INDE	13	62	41	FOBS=	49.5	SIGMA=	5.0	PHAS=	101.9	FOM=	0.52	TEST=	0
INDE	13	62	43	FOBS=	0.0	SIGMA=	26.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	13	62	45	FOBS=	0.0	SIGMA=	28.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	63	14	FOBS=	65.7	SIGMA=	3.4	PHAS=	29.5	FOM=	0.70	TEST=	0
INDE	13	63	16	FOBS=	98.2	SIGMA=	2.0	PHAS=	43.1	FOM=	0.92	TEST=	0
INDE	13	63	18	FOBS=	71.1	SIGMA=	3.2	PHAS=	-44.5	FOM=	0.89	TEST=	0
INDE	13	63	20	FOBS=	83.1	SIGMA=	4.1	PHAS=	-44.4	FOM=	0.86	TEST=	0
INDE	13	63	22	FOBS=	74.8	SIGMA=	4.6	PHAS=	-45.2	FOM=	0.90	TEST=	0
INDE	13	63	24	FOBS=	95.4	SIGMA=	2.9	PHAS=	-19.9	FOM=	0.90	TEST=	0
INDE	13	63	26	FOBS=	81.2	SIGMA=	3.4	PHAS=	-131.8	FOM=	0.57	TEST=	0
INDE	13	63	28	FOBS=	79.5	SIGMA=	3.6	PHAS=	150.0	FOM=	0.90	TEST=	0
INDE	13	63	30	FOBS=	0.0	SIGMA=	26.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	63	32	FOBS=	61.6	SIGMA=	4.7	PHAS=	-52.2	FOM=	0.90	TEST=	0
INDE	13	63	34	FOBS=	82.5	SIGMA=	3.5	PHAS=	-109.3	FOM=	0.91	TEST=	0
INDE	13	63	36	FOBS=	64.0	SIGMA=	4.6	PHAS=	65.7	FOM=	0.74	TEST=	0
INDE	13	63	38	FOBS=	84.4	SIGMA=	3.6	PHAS=	121.4	FOM=	0.61	TEST=	1
INDE	13	63	40	FOBS=	7.9	SIGMA=	38.9	PHAS=	162.6	FOM=	0.03	TEST=	0
INDE	13	63	42	FOBS=	56.6	SIGMA=	5.6	PHAS=	-121.1	FOM=	0.85	TEST=	0
INDE	13	64	13	FOBS=	76.2	SIGMA=	2.7	PHAS=	-166.7	FOM=	0.69	TEST=	0
INDE	13	64	15	FOBS=	73.1	SIGMA=	4.7	PHAS=	-27.3	FOM=	0.84	TEST=	0
INDE	13	64	17	FOBS=	29.5	SIGMA=	6.7	PHAS=	-162.0	FOM=	0.26	TEST=	0
INDE	13	64	19	FOBS=	71.8	SIGMA=	4.8	PHAS=	-138.7	FOM=	0.88	TEST=	0
INDE	13	64	21	FOBS=	46.0	SIGMA=	7.3	PHAS=	-150.8	FOM=	0.39	TEST=	0
INDE	13	64	23	FOBS=	0.0	SIGMA=	22.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	64	25	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	64	27	FOBS=	75.8	SIGMA=	3.7	PHAS=	25.4	FOM=	0.03	TEST=	1
INDE	13	64	29	FOBS=	90.3	SIGMA=	3.2	PHAS=	95.3	FOM=	0.75	TEST=	0
INDE	13	64	31	FOBS=	69.3	SIGMA=	4.2	PHAS=	7.1	FOM=	0.58	TEST=	0
INDE	13	64	33	FOBS=	46.8	SIGMA=	6.2	PHAS=	161.5	FOM=	0.75	TEST=	0
INDE	13	64	35	FOBS=	0.0	SIGMA=	26.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	64	37	FOBS=	10.1	SIGMA=	29.0	PHAS=	-10.1	FOM=	0.11	TEST=	0
INDE	13	64	39	FOBS=	0.0	SIGMA=	27.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	13	64	41	FOBS=	60.4	SIGMA=	5.3	PHAS=	56.0	FOM=	0.37	TEST=	0
INDE	13	65	14	FOBS=	64.5	SIGMA=	3.4	PHAS=	-46.4	FOM=	0.76	TEST=	0
INDE	13	65	16	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	65	18	FOBS=	77.4	SIGMA=	2.7	PHAS=	-116.7	FOM=	0.71	TEST=	0
INDE	13	65	20	FOBS=	68.5	SIGMA=	5.0	PHAS=	-89.8	FOM=	0.77	TEST=	0
INDE	13	65	22	FOBS=	24.0	SIGMA=	14.0	PHAS=	18.9	FOM=	0.46	TEST=	0
INDE	13	65	24	FOBS=	39.2	SIGMA=	6.8	PHAS=	144.2	FOM=	0.29	TEST=	0
INDE	13	65	26	FOBS=	74.6	SIGMA=	3.7	PHAS=	167.5	FOM=	0.89	TEST=	0
INDE	13	65	28	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	65	30	FOBS=	45.2	SIGMA=	6.3	PHAS=	-73.5	FOM=	0.33	TEST=	0
INDE	13	65	32	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	65	34	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	65	36	FOBS=	56.4	SIGMA=	5.2	PHAS=	75.7	FOM=	0.71	TEST=	0
INDE	13	65	38	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	13	65	40	FOBS=	86.2	SIGMA=	3.7	PHAS=	-151.9	FOM=	0.84	TEST=	0
INDE	13	66	13	FOBS=	109.7	SIGMA=	1.9	PHAS=	79.1	FOM=	0.88	TEST=	0
INDE	13	66	15	FOBS=	103.7	SIGMA=	2.2	PHAS=	-133.2	FOM=	0.86	TEST=	0

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INDE	13	66	17	FOBS=	15.8	SIGMA=	11.7	PHAS=	-138.7	FOM=	0.30	TEST=	0
INDE	13	66	19	FOBS=	77.8	SIGMA=	2.8	PHAS=	131.8	FOM=	0.85	TEST=	0
INDE	13	66	21	FOBS=	7.4	SIGMA=	44.9	PHAS=	-19.5	FOM=	0.09	TEST=	1
INDE	13	66	23	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	66	25	FOBS=	50.6	SIGMA=	5.3	PHAS=	-110.0	FOM=	0.57	TEST=	0
INDE	13	66	27	FOBS=	45.8	SIGMA=	6.1	PHAS=	11.7	FOM=	0.69	TEST=	0
INDE	13	66	29	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	66	31	FOBS=	55.5	SIGMA=	5.2	PHAS=	73.6	FOM=	0.39	TEST=	0
INDE	13	66	33	FOBS=	0.0	SIGMA=	27.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	66	35	FOBS=	17.4	SIGMA=	21.4	PHAS=	-78.1	FOM=	0.15	TEST=	0
INDE	13	66	37	FOBS=	46.8	SIGMA=	6.5	PHAS=	66.5	FOM=	0.50	TEST=	0
INDE	13	66	39	FOBS=	23.3	SIGMA=	21.6	PHAS=	115.6	FOM=	0.45	TEST=	0
INDE	13	67	14	FOBS=	53.1	SIGMA=	4.3	PHAS=	-32.8	FOM=	0.84	TEST=	0
INDE	13	67	16	FOBS=	63.7	SIGMA=	5.4	PHAS=	171.6	FOM=	0.71	TEST=	0
INDE	13	67	18	FOBS=	34.9	SIGMA=	5.7	PHAS=	-31.4	FOM=	0.80	TEST=	0
INDE	13	67	20	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	67	22	FOBS=	90.1	SIGMA=	2.9	PHAS=	76.3	FOM=	0.90	TEST=	0
INDE	13	67	24	FOBS=	68.6	SIGMA=	5.0	PHAS=	-146.2	FOM=	0.89	TEST=	0
INDE	13	67	26	FOBS=	85.3	SIGMA=	3.2	PHAS=	169.9	FOM=	0.92	TEST=	0
INDE	13	67	28	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	67	30	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	67	32	FOBS=	38.4	SIGMA=	7.6	PHAS=	-79.6	FOM=	0.56	TEST=	0
INDE	13	67	34	FOBS=	17.8	SIGMA=	16.7	PHAS=	-46.7	FOM=	0.09	TEST=	0
INDE	13	67	36	FOBS=	71.5	SIGMA=	4.3	PHAS=	118.5	FOM=	0.11	TEST=	1
INDE	13	68	15	FOBS=	86.0	SIGMA=	3.4	PHAS=	-137.5	FOM=	0.90	TEST=	0
INDE	13	68	17	FOBS=	101.3	SIGMA=	4.9	PHAS=	120.5	FOM=	0.44	TEST=	1
INDE	13	68	19	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	68	21	FOBS=	48.7	SIGMA=	4.8	PHAS=	-123.7	FOM=	0.27	TEST=	0
INDE	13	68	23	FOBS=	77.0	SIGMA=	3.3	PHAS=	94.2	FOM=	0.79	TEST=	0
INDE	13	68	25	FOBS=	52.3	SIGMA=	6.5	PHAS=	153.8	FOM=	0.67	TEST=	0
INDE	13	68	27	FOBS=	45.6	SIGMA=	6.0	PHAS=	105.4	FOM=	0.82	TEST=	0
INDE	13	68	29	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	68	31	FOBS=	45.3	SIGMA=	8.0	PHAS=	170.6	FOM=	0.33	TEST=	0
INDE	13	68	33	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	68	35	FOBS=	0.0	SIGMA=	24.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	69	14	FOBS=	119.1	SIGMA=	2.1	PHAS=	73.5	FOM=	0.94	TEST=	0
INDE	13	69	16	FOBS=	0.0	SIGMA=	24.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	69	20	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	69	22	FOBS=	68.0	SIGMA=	4.1	PHAS=	41.3	FOM=	0.46	TEST=	0
INDE	13	69	24	FOBS=	105.0	SIGMA=	3.0	PHAS=	-167.7	FOM=	0.12	TEST=	1
INDE	13	69	26	FOBS=	70.1	SIGMA=	4.0	PHAS=	46.7	FOM=	0.86	TEST=	0
INDE	13	69	28	FOBS=	90.3	SIGMA=	3.2	PHAS=	67.0	FOM=	0.87	TEST=	0
INDE	13	69	30	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	69	32	FOBS=	21.9	SIGMA=	13.8	PHAS=	-9.3	FOM=	0.11	TEST=	0
INDE	13	70	15	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	70	19	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	70	21	FOBS=	74.0	SIGMA=	4.0	PHAS=	20.6	FOM=	0.82	TEST=	0
INDE	13	70	25	FOBS=	52.0	SIGMA=	7.7	PHAS=	-60.3	FOM=	0.86	TEST=	0
INDE	13	70	27	FOBS=	27.0	SIGMA=	12.5	PHAS=	-49.7	FOM=	0.50	TEST=	0
INDE	13	70	29	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	70	31	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	13	71	16	FOBS=	56.4	SIGMA=	5.2	PHAS=	-64.7	FOM=	0.80	TEST=	0
INDE	13	71	20	FOBS=	18.8	SIGMA=	13.4	PHAS=	-14.0	FOM=	0.39	TEST=	0
INDE	13	71	22	FOBS=	66.9	SIGMA=	4.7	PHAS=	-104.5	FOM=	0.90	TEST=	0
INDE	13	71	24	FOBS=	51.6	SIGMA=	6.9	PHAS=	-162.4	FOM=	0.49	TEST=	0
INDE	13	71	26	FOBS=	54.3	SIGMA=	7.6	PHAS=	-133.7	FOM=	0.76	TEST=	0
INDE	13	71	28	FOBS=	25.1	SIGMA=	19.5	PHAS=	109.3	FOM=	0.08	TEST=	1
INDE	13	72	15	FOBS=	59.7	SIGMA=	4.0	PHAS=	64.1	FOM=	0.34	TEST=	0
INDE	13	72	17	FOBS=	37.9	SIGMA=	8.1	PHAS=	-166.4	FOM=	0.23	TEST=	0
INDE	13	72	21	FOBS=	96.0	SIGMA=	3.0	PHAS=	164.7	FOM=	0.93	TEST=	0
INDE	13	72	23	FOBS=	47.0	SIGMA=	6.9	PHAS=	167.2	FOM=	0.76	TEST=	0
INDE	13	73	16	FOBS=	32.6	SIGMA=	7.8	PHAS=	-85.4	FOM=	0.29	TEST=	0
INDE	13	73	22	FOBS=	86.9	SIGMA=	3.5	PHAS=	76.1	FOM=	0.90	TEST=	0
INDE	13	74	17	FOBS=	29.6	SIGMA=	10.3	PHAS=	-154.8	FOM=	0.29	TEST=	0
INDE	14	14	14	FOBS=	63.8	SIGMA=	1.5	PHAS=	-112.8	FOM=	0.99	TEST=	0
INDE	14	15	15	FOBS=	100.5	SIGMA=	1.1	PHAS=	-17.3	FOM=	0.94	TEST=	0
INDE	14	15	17	FOBS=	94.7	SIGMA=	0.8	PHAS=	-73.8	FOM=	0.98	TEST=	0
INDE	14	15	19	FOBS=	208.5	SIGMA=	0.5	PHAS=	6.4	FOM=	0.98	TEST=	0
INDE	14	15	21	FOBS=	96.6	SIGMA=	0.8	PHAS=	136.9	FOM=	0.98	TEST=	0
INDE	14	15	23	FOBS=	35.7	SIGMA=	2.2	PHAS=	-104.3	FOM=	0.95	TEST=	0

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INDE	14	15	25	FOBS=	157.8	SIGMA=	0.6	PHAS=	22.3	FOM=	0.87	TEST=	0
INDE	14	15	27	FOBS=	208.1	SIGMA=	0.5	PHAS=	142.7	FOM=	0.98	TEST=	0
INDE	14	15	29	FOBS=	234.3	SIGMA=	0.5	PHAS=	-168.9	FOM=	0.93	TEST=	0
INDE	14	15	31	FOBS=	171.6	SIGMA=	0.6	PHAS=	169.7	FOM=	0.93	TEST=	0
INDE	14	15	33	FOBS=	188.9	SIGMA=	0.6	PHAS=	178.9	FOM=	0.96	TEST=	0
INDE	14	15	35	FOBS=	320.2	SIGMA=	0.5	PHAS=	-116.7	FOM=	0.92	TEST=	0
INDE	14	15	37	FOBS=	69.7	SIGMA=	1.8	PHAS=	18.2	FOM=	0.75	TEST=	0
INDE	14	15	39	FOBS=	421.7	SIGMA=	0.6	PHAS=	136.4	FOM=	0.97	TEST=	0
INDE	14	15	41	FOBS=	216.4	SIGMA=	0.9	PHAS=	157.3	FOM=	0.95	TEST=	0
INDE	14	15	43	FOBS=	152.7	SIGMA=	1.5	PHAS=	32.2	FOM=	0.97	TEST=	0
INDE	14	15	45	FOBS=	139.6	SIGMA=	1.6	PHAS=	21.3	FOM=	0.96	TEST=	0
INDE	14	15	47	FOBS=	195.9	SIGMA=	1.5	PHAS=	19.7	FOM=	0.92	TEST=	0
INDE	14	15	49	FOBS=	146.6	SIGMA=	1.9	PHAS=	-163.9	FOM=	0.93	TEST=	0
INDE	14	15	51	FOBS=	68.9	SIGMA=	3.1	PHAS=	-57.8	FOM=	0.51	TEST=	0
INDE	14	15	53	FOBS=	70.0	SIGMA=	2.5	PHAS=	178.4	FOM=	0.80	TEST=	0
INDE	14	15	55	FOBS=	147.7	SIGMA=	1.3	PHAS=	129.4	FOM=	0.89	TEST=	0
INDE	14	15	57	FOBS=	28.2	SIGMA=	6.4	PHAS=	76.4	FOM=	0.16	TEST=	0
INDE	14	15	59	FOBS=	72.6	SIGMA=	2.3	PHAS=	-8.2	FOM=	0.36	TEST=	0
INDE	14	15	61	FOBS=	130.2	SIGMA=	1.8	PHAS=	19.8	FOM=	0.90	TEST=	0
INDE	14	15	63	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	14	15	65	FOBS=	6.1	SIGMA=	35.2	PHAS=	-142.8	FOM=	0.12	TEST=	0
INDE	14	15	67	FOBS=	76.2	SIGMA=	3.4	PHAS=	-42.5	FOM=	0.88	TEST=	0
INDE	14	16	14	FOBS=	19.6	SIGMA=	3.9	PHAS=	132.6	FOM=	0.13	TEST=	0
INDE	14	16	16	FOBS=	128.8	SIGMA=	0.7	PHAS=	-175.8	FOM=	0.75	TEST=	0
INDE	14	16	18	FOBS=	152.2	SIGMA=	0.6	PHAS=	-127.7	FOM=	0.86	TEST=	0
INDE	14	16	20	FOBS=	103.3	SIGMA=	0.8	PHAS=	178.2	FOM=	0.99	TEST=	0
INDE	14	16	22	FOBS=	176.1	SIGMA=	0.6	PHAS=	38.6	FOM=	0.98	TEST=	0
INDE	14	16	24	FOBS=	114.6	SIGMA=	0.8	PHAS=	-67.2	FOM=	0.98	TEST=	1
INDE	14	16	26	FOBS=	27.3	SIGMA=	2.9	PHAS=	-127.4	FOM=	0.96	TEST=	0
INDE	14	16	28	FOBS=	419.6	SIGMA=	0.4	PHAS=	100.9	FOM=	0.98	TEST=	0
INDE	14	16	30	FOBS=	50.7	SIGMA=	1.8	PHAS=	90.5	FOM=	0.75	TEST=	0
INDE	14	16	32	FOBS=	111.9	SIGMA=	0.9	PHAS=	45.3	FOM=	0.96	TEST=	0
INDE	14	16	34	FOBS=	30.4	SIGMA=	3.6	PHAS=	-168.7	FOM=	0.77	TEST=	0
INDE	14	16	36	FOBS=	322.1	SIGMA=	0.5	PHAS=	159.1	FOM=	0.94	TEST=	0
INDE	14	16	38	FOBS=	110.7	SIGMA=	1.3	PHAS=	62.4	FOM=	0.90	TEST=	0
INDE	14	16	40	FOBS=	210.4	SIGMA=	0.8	PHAS=	115.8	FOM=	0.96	TEST=	0
INDE	14	16	42	FOBS=	330.8	SIGMA=	0.8	PHAS=	97.6	FOM=	0.97	TEST=	0
INDE	14	16	44	FOBS=	307.8	SIGMA=	0.8	PHAS=	-72.4	FOM=	0.98	TEST=	0
INDE	14	16	46	FOBS=	48.4	SIGMA=	3.5	PHAS=	-89.9	FOM=	0.83	TEST=	0
INDE	14	16	48	FOBS=	254.7	SIGMA=	0.8	PHAS=	127.3	FOM=	0.95	TEST=	0
INDE	14	16	50	FOBS=	73.2	SIGMA=	2.3	PHAS=	174.7	FOM=	0.70	TEST=	0
INDE	14	16	52	FOBS=	131.2	SIGMA=	1.5	PHAS=	-109.5	FOM=	0.89	TEST=	0
INDE	14	16	54	FOBS=	34.4	SIGMA=	5.6	PHAS=	101.6	FOM=	0.38	TEST=	1
INDE	14	16	56	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	16	58	FOBS=	117.0	SIGMA=	1.8	PHAS=	-49.7	FOM=	0.91	TEST=	0
INDE	14	16	60	FOBS=	137.5	SIGMA=	1.2	PHAS=	-116.3	FOM=	0.96	TEST=	0
INDE	14	16	62	FOBS=	49.6	SIGMA=	4.7	PHAS=	74.8	FOM=	0.81	TEST=	0
INDE	14	16	64	FOBS=	47.5	SIGMA=	4.7	PHAS=	-41.8	FOM=	0.56	TEST=	0
INDE	14	16	66	FOBS=	28.7	SIGMA=	7.6	PHAS=	-2.7	FOM=	0.27	TEST=	0
INDE	14	17	15	FOBS=	217.1	SIGMA=	0.5	PHAS=	-105.3	FOM=	0.98	TEST=	0
INDE	14	17	17	FOBS=	79.9	SIGMA=	1.0	PHAS=	-136.6	FOM=	0.96	TEST=	0
INDE	14	17	19	FOBS=	58.6	SIGMA=	1.1	PHAS=	2.2	FOM=	0.78	TEST=	0
INDE	14	17	21	FOBS=	90.5	SIGMA=	0.8	PHAS=	58.0	FOM=	0.82	TEST=	1
INDE	14	17	23	FOBS=	175.4	SIGMA=	0.5	PHAS=	-41.9	FOM=	0.96	TEST=	0
INDE	14	17	25	FOBS=	77.4	SIGMA=	1.0	PHAS=	70.5	FOM=	0.40	TEST=	1
INDE	14	17	27	FOBS=	331.7	SIGMA=	0.4	PHAS=	96.0	FOM=	0.98	TEST=	0
INDE	14	17	29	FOBS=	338.0	SIGMA=	0.4	PHAS=	-27.4	FOM=	0.96	TEST=	0
INDE	14	17	31	FOBS=	73.6	SIGMA=	1.2	PHAS=	-124.1	FOM=	0.97	TEST=	0
INDE	14	17	33	FOBS=	161.1	SIGMA=	0.6	PHAS=	146.4	FOM=	0.90	TEST=	0
INDE	14	17	35	FOBS=	176.1	SIGMA=	0.6	PHAS=	-80.6	FOM=	0.88	TEST=	0
INDE	14	17	37	FOBS=	166.8	SIGMA=	0.7	PHAS=	44.4	FOM=	0.88	TEST=	0
INDE	14	17	39	FOBS=	171.6	SIGMA=	0.7	PHAS=	79.9	FOM=	0.94	TEST=	0
INDE	14	17	41	FOBS=	154.9	SIGMA=	1.0	PHAS=	10.2	FOM=	0.91	TEST=	0
INDE	14	17	43	FOBS=	164.3	SIGMA=	1.1	PHAS=	-25.9	FOM=	0.96	TEST=	0
INDE	14	17	45	FOBS=	157.4	SIGMA=	1.2	PHAS=	-130.5	FOM=	0.92	TEST=	0
INDE	14	17	47	FOBS=	134.2	SIGMA=	1.3	PHAS=	30.1	FOM=	0.79	TEST=	0
INDE	14	17	49	FOBS=	162.7	SIGMA=	1.1	PHAS=	120.8	FOM=	0.96	TEST=	0
INDE	14	17	51	FOBS=	130.8	SIGMA=	1.3	PHAS=	98.1	FOM=	0.48	TEST=	1
INDE	14	17	53	FOBS=	70.3	SIGMA=	2.3	PHAS=	42.0	FOM=	0.68	TEST=	0
INDE	14	17	55	FOBS=	119.3	SIGMA=	1.5	PHAS=	72.4	FOM=	0.94	TEST=	0

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INDE	14	17	57	FOBS=	90.7	SIGMA=	2.3	PHAS=	169.7	FOM=	0.90	TEST=	0
INDE	14	17	59	FOBS=	99.5	SIGMA=	2.1	PHAS=	161.7	FOM=	0.87	TEST=	0
INDE	14	17	61	FOBS=	74.5	SIGMA=	3.2	PHAS=	99.4	FOM=	0.88	TEST=	0
INDE	14	17	63	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	14	17	65	FOBS=	21.2	SIGMA=	10.8	PHAS=	93.5	FOM=	0.04	TEST=	0
INDE	14	18	14	FOBS=	110.5	SIGMA=	0.7	PHAS=	-177.8	FOM=	0.84	TEST=	0
INDE	14	18	16	FOBS=	155.0	SIGMA=	0.6	PHAS=	107.2	FOM=	0.99	TEST=	0
INDE	14	18	18	FOBS=	191.0	SIGMA=	0.5	PHAS=	177.1	FOM=	0.87	TEST=	0
INDE	14	18	20	FOBS=	80.8	SIGMA=	0.9	PHAS=	152.4	FOM=	0.97	TEST=	0
INDE	14	18	22	FOBS=	85.3	SIGMA=	0.9	PHAS=	24.2	FOM=	0.81	TEST=	0
INDE	14	18	24	FOBS=	240.4	SIGMA=	0.5	PHAS=	-49.3	FOM=	0.98	TEST=	1
INDE	14	18	26	FOBS=	282.0	SIGMA=	0.5	PHAS=	-83.3	FOM=	0.97	TEST=	0
INDE	14	18	28	FOBS=	126.6	SIGMA=	0.8	PHAS=	-170.8	FOM=	0.86	TEST=	0
INDE	14	18	30	FOBS=	30.1	SIGMA=	3.0	PHAS=	-147.8	FOM=	0.85	TEST=	0
INDE	14	18	32	FOBS=	97.3	SIGMA=	1.0	PHAS=	-36.5	FOM=	0.81	TEST=	0
INDE	14	18	34	FOBS=	193.1	SIGMA=	0.6	PHAS=	114.2	FOM=	0.97	TEST=	0
INDE	14	18	36	FOBS=	310.0	SIGMA=	0.5	PHAS=	-163.6	FOM=	0.97	TEST=	0
INDE	14	18	38	FOBS=	174.5	SIGMA=	0.8	PHAS=	-26.1	FOM=	0.97	TEST=	0
INDE	14	18	40	FOBS=	150.9	SIGMA=	1.0	PHAS=	98.9	FOM=	0.85	TEST=	0
INDE	14	18	42	FOBS=	132.3	SIGMA=	1.3	PHAS=	97.5	FOM=	0.96	TEST=	0
INDE	14	18	44	FOBS=	107.1	SIGMA=	1.7	PHAS=	-137.6	FOM=	0.73	TEST=	0
INDE	14	18	46	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	18	48	FOBS=	26.4	SIGMA=	7.6	PHAS=	17.7	FOM=	0.39	TEST=	0
INDE	14	18	50	FOBS=	76.8	SIGMA=	2.2	PHAS=	62.3	FOM=	0.87	TEST=	1
INDE	14	18	52	FOBS=	88.3	SIGMA=	1.8	PHAS=	-136.8	FOM=	0.81	TEST=	0
INDE	14	18	54	FOBS=	138.5	SIGMA=	1.2	PHAS=	-41.7	FOM=	0.95	TEST=	0
INDE	14	18	56	FOBS=	223.8	SIGMA=	0.8	PHAS=	-17.8	FOM=	0.97	TEST=	0
INDE	14	18	58	FOBS=	143.8	SIGMA=	1.5	PHAS=	-15.8	FOM=	0.95	TEST=	0
INDE	14	18	60	FOBS=	63.8	SIGMA=	3.1	PHAS=	-24.2	FOM=	0.78	TEST=	0
INDE	14	18	62	FOBS=	76.2	SIGMA=	2.9	PHAS=	69.8	FOM=	0.80	TEST=	0
INDE	14	18	64	FOBS=	77.3	SIGMA=	2.9	PHAS=	55.9	FOM=	0.94	TEST=	0
INDE	14	18	66	FOBS=	69.4	SIGMA=	7.3	PHAS=	73.6	FOM=	0.70	TEST=	0
INDE	14	19	15	FOBS=	114.4	SIGMA=	0.8	PHAS=	-73.6	FOM=	0.84	TEST=	0
INDE	14	19	17	FOBS=	198.1	SIGMA=	0.5	PHAS=	75.2	FOM=	0.98	TEST=	0
INDE	14	19	19	FOBS=	53.9	SIGMA=	1.5	PHAS=	7.6	FOM=	0.94	TEST=	0
INDE	14	19	21	FOBS=	45.2	SIGMA=	1.6	PHAS=	-9.3	FOM=	0.96	TEST=	0
INDE	14	19	23	FOBS=	78.8	SIGMA=	1.0	PHAS=	23.3	FOM=	0.91	TEST=	0
INDE	14	19	25	FOBS=	343.6	SIGMA=	0.4	PHAS=	177.0	FOM=	0.97	TEST=	0
INDE	14	19	27	FOBS=	144.3	SIGMA=	0.7	PHAS=	110.1	FOM=	0.87	TEST=	0
INDE	14	19	29	FOBS=	171.1	SIGMA=	0.6	PHAS=	-66.7	FOM=	0.86	TEST=	0
INDE	14	19	31	FOBS=	119.7	SIGMA=	0.8	PHAS=	119.6	FOM=	0.94	TEST=	0
INDE	14	19	33	FOBS=	134.3	SIGMA=	0.8	PHAS=	-67.3	FOM=	0.98	TEST=	1
INDE	14	19	35	FOBS=	271.5	SIGMA=	0.6	PHAS=	11.1	FOM=	0.93	TEST=	0
INDE	14	19	37	FOBS=	188.8	SIGMA=	0.7	PHAS=	101.7	FOM=	0.97	TEST=	0
INDE	14	19	39	FOBS=	162.5	SIGMA=	0.9	PHAS=	-45.5	FOM=	0.94	TEST=	0
INDE	14	19	41	FOBS=	155.7	SIGMA=	1.0	PHAS=	14.2	FOM=	0.93	TEST=	0
INDE	14	19	43	FOBS=	208.0	SIGMA=	0.8	PHAS=	-36.4	FOM=	0.94	TEST=	0
INDE	14	19	45	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	19	47	FOBS=	69.6	SIGMA=	2.4	PHAS=	-122.8	FOM=	0.48	TEST=	0
INDE	14	19	49	FOBS=	112.4	SIGMA=	1.5	PHAS=	120.9	FOM=	0.93	TEST=	0
INDE	14	19	51	FOBS=	54.1	SIGMA=	3.0	PHAS=	-44.0	FOM=	0.16	TEST=	0
INDE	14	19	53	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	19	55	FOBS=	142.0	SIGMA=	1.2	PHAS=	-129.0	FOM=	0.93	TEST=	0
INDE	14	19	57	FOBS=	156.5	SIGMA=	1.2	PHAS=	-128.6	FOM=	0.97	TEST=	0
INDE	14	19	59	FOBS=	76.8	SIGMA=	2.3	PHAS=	-117.3	FOM=	0.91	TEST=	0
INDE	14	19	61	FOBS=	10.4	SIGMA=	21.7	PHAS=	-38.0	FOM=	0.15	TEST=	0
INDE	14	19	63	FOBS=	26.3	SIGMA=	9.4	PHAS=	-57.7	FOM=	0.24	TEST=	0
INDE	14	19	65	FOBS=	56.3	SIGMA=	8.9	PHAS=	10.7	FOM=	0.71	TEST=	1
INDE	14	20	14	FOBS=	62.4	SIGMA=	1.2	PHAS=	160.7	FOM=	0.96	TEST=	0
INDE	14	20	16	FOBS=	173.1	SIGMA=	0.6	PHAS=	81.5	FOM=	0.97	TEST=	0
INDE	14	20	18	FOBS=	20.0	SIGMA=	3.9	PHAS=	-44.6	FOM=	0.43	TEST=	0
INDE	14	20	20	FOBS=	134.3	SIGMA=	0.7	PHAS=	128.2	FOM=	0.97	TEST=	0
INDE	14	20	22	FOBS=	33.7	SIGMA=	2.5	PHAS=	-124.2	FOM=	0.85	TEST=	0
INDE	14	20	24	FOBS=	42.0	SIGMA=	2.0	PHAS=	-52.1	FOM=	0.98	TEST=	0
INDE	14	20	26	FOBS=	217.3	SIGMA=	0.6	PHAS=	81.7	FOM=	0.90	TEST=	0
INDE	14	20	28	FOBS=	124.7	SIGMA=	0.8	PHAS=	-9.6	FOM=	0.94	TEST=	0
INDE	14	20	30	FOBS=	238.2	SIGMA=	0.5	PHAS=	25.6	FOM=	0.90	TEST=	0
INDE	14	20	32	FOBS=	220.0	SIGMA=	0.6	PHAS=	-110.3	FOM=	0.99	TEST=	0
INDE	14	20	34	FOBS=	82.2	SIGMA=	1.3	PHAS=	179.0	FOM=	0.30	TEST=	0
INDE	14	20	36	FOBS=	116.5	SIGMA=	1.0	PHAS=	-37.6	FOM=	0.78	TEST=	0

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INDE	14	20	38	FOBS=	113.3	SIGMA=	1.2	PHAS=	111.9	FOM=	0.85	TEST=	1
INDE	14	20	40	FOBS=	121.3	SIGMA=	1.2	PHAS=	170.4	FOM=	0.81	TEST=	1
INDE	14	20	42	FOBS=	116.4	SIGMA=	1.5	PHAS=	-98.1	FOM=	0.87	TEST=	0
INDE	14	20	44	FOBS=	205.6	SIGMA=	0.8	PHAS=	-114.1	FOM=	0.92	TEST=	0
INDE	14	20	46	FOBS=	76.2	SIGMA=	2.1	PHAS=	76.5	FOM=	0.91	TEST=	0
INDE	14	20	48	FOBS=	0.0	SIGMA=	17.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	20	50	FOBS=	88.4	SIGMA=	2.0	PHAS=	-63.2	FOM=	0.51	TEST=	0
INDE	14	20	52	FOBS=	118.8	SIGMA=	1.4	PHAS=	-77.2	FOM=	0.84	TEST=	0
INDE	14	20	54	FOBS=	65.9	SIGMA=	2.5	PHAS=	-90.5	FOM=	0.66	TEST=	0
INDE	14	20	56	FOBS=	54.4	SIGMA=	2.9	PHAS=	47.3	FOM=	0.89	TEST=	0
INDE	14	20	58	FOBS=	74.8	SIGMA=	2.4	PHAS=	172.2	FOM=	0.64	TEST=	0
INDE	14	20	60	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	20	62	FOBS=	59.2	SIGMA=	3.2	PHAS=	-24.9	FOM=	0.45	TEST=	1
INDE	14	20	64	FOBS=	13.4	SIGMA=	26.2	PHAS=	-94.2	FOM=	0.20	TEST=	0
INDE	14	21	15	FOBS=	195.3	SIGMA=	0.6	PHAS=	12.5	FOM=	0.92	TEST=	0
INDE	14	21	17	FOBS=	228.4	SIGMA=	0.5	PHAS=	34.2	FOM=	0.95	TEST=	0
INDE	14	21	19	FOBS=	51.0	SIGMA=	1.6	PHAS=	-40.9	FOM=	0.96	TEST=	1
INDE	14	21	21	FOBS=	143.2	SIGMA=	0.7	PHAS=	17.3	FOM=	0.99	TEST=	0
INDE	14	21	23	FOBS=	178.9	SIGMA=	0.6	PHAS=	11.7	FOM=	0.99	TEST=	0
INDE	14	21	25	FOBS=	0.0	SIGMA=	13.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	21	27	FOBS=	188.3	SIGMA=	0.6	PHAS=	-58.2	FOM=	0.91	TEST=	0
INDE	14	21	29	FOBS=	201.8	SIGMA=	0.6	PHAS=	-47.1	FOM=	0.90	TEST=	0
INDE	14	21	31	FOBS=	59.4	SIGMA=	1.7	PHAS=	126.2	FOM=	0.54	TEST=	0
INDE	14	21	33	FOBS=	157.4	SIGMA=	0.8	PHAS=	-135.1	FOM=	0.86	TEST=	0
INDE	14	21	35	FOBS=	356.1	SIGMA=	0.5	PHAS=	-84.6	FOM=	0.95	TEST=	0
INDE	14	21	37	FOBS=	92.4	SIGMA=	1.4	PHAS=	-13.2	FOM=	0.76	TEST=	0
INDE	14	21	39	FOBS=	230.2	SIGMA=	0.7	PHAS=	42.9	FOM=	0.97	TEST=	0
INDE	14	21	41	FOBS=	0.0	SIGMA=	17.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	21	43	FOBS=	215.4	SIGMA=	0.8	PHAS=	55.7	FOM=	0.49	TEST=	1
INDE	14	21	45	FOBS=	60.8	SIGMA=	2.5	PHAS=	140.4	FOM=	0.37	TEST=	0
INDE	14	21	47	FOBS=	139.4	SIGMA=	1.2	PHAS=	-90.8	FOM=	0.94	TEST=	0
INDE	14	21	49	FOBS=	241.9	SIGMA=	0.8	PHAS=	139.2	FOM=	0.95	TEST=	0
INDE	14	21	51	FOBS=	98.9	SIGMA=	1.7	PHAS=	64.8	FOM=	0.92	TEST=	0
INDE	14	21	53	FOBS=	73.1	SIGMA=	2.2	PHAS=	175.9	FOM=	0.81	TEST=	0
INDE	14	21	55	FOBS=	79.8	SIGMA=	2.0	PHAS=	-128.2	FOM=	0.87	TEST=	0
INDE	14	21	57	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	21	59	FOBS=	156.7	SIGMA=	1.4	PHAS=	140.8	FOM=	0.93	TEST=	0
INDE	14	21	61	FOBS=	80.4	SIGMA=	2.4	PHAS=	-72.4	FOM=	0.82	TEST=	0
INDE	14	21	63	FOBS=	54.2	SIGMA=	4.6	PHAS=	-49.2	FOM=	0.79	TEST=	0
INDE	14	21	65	FOBS=	118.7	SIGMA=	3.1	PHAS=	122.2	FOM=	0.95	TEST=	0
INDE	14	22	14	FOBS=	143.1	SIGMA=	0.6	PHAS=	-89.1	FOM=	0.94	TEST=	0
INDE	14	22	16	FOBS=	256.5	SIGMA=	0.6	PHAS=	-63.3	FOM=	0.99	TEST=	0
INDE	14	22	18	FOBS=	190.1	SIGMA=	0.6	PHAS=	-95.7	FOM=	0.92	TEST=	0
INDE	14	22	20	FOBS=	112.1	SIGMA=	0.8	PHAS=	-160.2	FOM=	0.99	TEST=	0
INDE	14	22	22	FOBS=	284.2	SIGMA=	0.5	PHAS=	-111.1	FOM=	0.97	TEST=	0
INDE	14	22	24	FOBS=	103.6	SIGMA=	1.0	PHAS=	-92.3	FOM=	0.88	TEST=	0
INDE	14	22	26	FOBS=	136.3	SIGMA=	0.8	PHAS=	155.9	FOM=	0.94	TEST=	0
INDE	14	22	28	FOBS=	259.1	SIGMA=	0.5	PHAS=	-14.9	FOM=	0.95	TEST=	0
INDE	14	22	30	FOBS=	183.2	SIGMA=	0.6	PHAS=	114.5	FOM=	0.98	TEST=	0
INDE	14	22	32	FOBS=	225.6	SIGMA=	0.6	PHAS=	-138.8	FOM=	0.94	TEST=	0
INDE	14	22	34	FOBS=	85.0	SIGMA=	1.4	PHAS=	-160.9	FOM=	0.85	TEST=	0
INDE	14	22	36	FOBS=	268.4	SIGMA=	0.6	PHAS=	-162.0	FOM=	0.97	TEST=	0
INDE	14	22	38	FOBS=	143.3	SIGMA=	1.0	PHAS=	-138.7	FOM=	0.84	TEST=	0
INDE	14	22	40	FOBS=	72.4	SIGMA=	2.1	PHAS=	-58.3	FOM=	0.41	TEST=	0
INDE	14	22	42	FOBS=	27.6	SIGMA=	6.0	PHAS=	-113.7	FOM=	0.85	TEST=	0
INDE	14	22	44	FOBS=	0.0	SIGMA=	17.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	22	46	FOBS=	50.9	SIGMA=	2.9	PHAS=	103.9	FOM=	0.80	TEST=	0
INDE	14	22	48	FOBS=	146.5	SIGMA=	1.1	PHAS=	-40.1	FOM=	0.83	TEST=	0
INDE	14	22	50	FOBS=	152.6	SIGMA=	1.1	PHAS=	-37.9	FOM=	0.91	TEST=	0
INDE	14	22	52	FOBS=	115.9	SIGMA=	1.4	PHAS=	-28.4	FOM=	0.95	TEST=	0
INDE	14	22	54	FOBS=	73.6	SIGMA=	2.2	PHAS=	109.5	FOM=	0.92	TEST=	0
INDE	14	22	56	FOBS=	81.9	SIGMA=	2.3	PHAS=	120.8	FOM=	0.94	TEST=	0
INDE	14	22	58	FOBS=	67.1	SIGMA=	2.7	PHAS=	74.5	FOM=	0.90	TEST=	0
INDE	14	22	60	FOBS=	57.4	SIGMA=	3.5	PHAS=	89.4	FOM=	0.83	TEST=	0
INDE	14	22	62	FOBS=	58.3	SIGMA=	4.3	PHAS=	142.2	FOM=	0.49	TEST=	0
INDE	14	22	64	FOBS=	43.0	SIGMA=	8.4	PHAS=	26.7	FOM=	0.72	TEST=	0
INDE	14	22	66	FOBS=	0.0	SIGMA=	31.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	22	68	FOBS=	85.5	SIGMA=	6.1	PHAS=	163.8	FOM=	0.89	TEST=	0
INDE	14	23	15	FOBS=	271.4	SIGMA=	0.5	PHAS=	-145.5	FOM=	0.97	TEST=	0
INDE	14	23	17	FOBS=	172.6	SIGMA=	0.7	PHAS=	-166.1	FOM=	0.99	TEST=	0

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INDE	14	23	19	FOBS=	124.4	SIGMA=	0.8	PHAS=	146.7	FOM=	0.96	TEST=	0
INDE	14	23	21	FOBS=	223.5	SIGMA=	0.5	PHAS=	122.8	FOM=	0.97	TEST=	0
INDE	14	23	23	FOBS=	208.2	SIGMA=	0.5	PHAS=	69.5	FOM=	0.97	TEST=	0
INDE	14	23	25	FOBS=	225.7	SIGMA=	0.6	PHAS=	24.1	FOM=	0.99	TEST=	0
INDE	14	23	27	FOBS=	229.5	SIGMA=	0.6	PHAS=	-25.1	FOM=	0.95	TEST=	0
INDE	14	23	29	FOBS=	222.1	SIGMA=	0.6	PHAS=	-13.6	FOM=	0.94	TEST=	0
INDE	14	23	31	FOBS=	376.3	SIGMA=	0.7	PHAS=	34.5	FOM=	0.92	TEST=	0
INDE	14	23	33	FOBS=	286.9	SIGMA=	0.7	PHAS=	106.5	FOM=	0.97	TEST=	0
INDE	14	23	35	FOBS=	77.2	SIGMA=	1.8	PHAS=	-89.4	FOM=	0.96	TEST=	0
INDE	14	23	37	FOBS=	219.0	SIGMA=	0.8	PHAS=	144.0	FOM=	0.97	TEST=	0
INDE	14	23	39	FOBS=	161.6	SIGMA=	1.0	PHAS=	128.2	FOM=	0.97	TEST=	0
INDE	14	23	41	FOBS=	46.7	SIGMA=	3.3	PHAS=	-168.1	FOM=	0.27	TEST=	0
INDE	14	23	43	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	23	45	FOBS=	155.0	SIGMA=	1.0	PHAS=	127.6	FOM=	0.07	TEST=	1
INDE	14	23	47	FOBS=	184.4	SIGMA=	0.9	PHAS=	-118.1	FOM=	0.93	TEST=	0
INDE	14	23	49	FOBS=	148.2	SIGMA=	1.0	PHAS=	-173.8	FOM=	0.95	TEST=	0
INDE	14	23	51	FOBS=	23.2	SIGMA=	7.6	PHAS=	120.6	FOM=	0.04	TEST=	0
INDE	14	23	53	FOBS=	0.0	SIGMA=	17.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	23	55	FOBS=	40.3	SIGMA=	4.0	PHAS=	12.6	FOM=	0.72	TEST=	0
INDE	14	23	57	FOBS=	140.6	SIGMA=	1.4	PHAS=	7.3	FOM=	0.95	TEST=	0
INDE	14	23	59	FOBS=	53.5	SIGMA=	3.7	PHAS=	118.5	FOM=	0.61	TEST=	0
INDE	14	23	61	FOBS=	19.5	SIGMA=	12.8	PHAS=	8.8	FOM=	0.23	TEST=	0
INDE	14	23	63	FOBS=	42.7	SIGMA=	5.9	PHAS=	-33.6	FOM=	0.62	TEST=	0
INDE	14	23	65	FOBS=	15.3	SIGMA=	32.0	PHAS=	152.9	FOM=	0.05	TEST=	0
INDE	14	23	67	FOBS=	53.5	SIGMA=	9.6	PHAS=	-173.9	FOM=	0.69	TEST=	0
INDE	14	23	69	FOBS=	57.8	SIGMA=	8.9	PHAS=	-97.2	FOM=	0.48	TEST=	0
INDE	14	24	14	FOBS=	89.8	SIGMA=	0.8	PHAS=	116.3	FOM=	0.99	TEST=	0
INDE	14	24	16	FOBS=	77.8	SIGMA=	1.2	PHAS=	149.0	FOM=	0.98	TEST=	0
INDE	14	24	18	FOBS=	39.6	SIGMA=	2.2	PHAS=	60.5	FOM=	0.95	TEST=	0
INDE	14	24	20	FOBS=	181.1	SIGMA=	0.6	PHAS=	48.0	FOM=	0.97	TEST=	0
INDE	14	24	22	FOBS=	33.9	SIGMA=	2.7	PHAS=	136.1	FOM=	0.93	TEST=	0
INDE	14	24	24	FOBS=	154.5	SIGMA=	0.7	PHAS=	-101.8	FOM=	0.91	TEST=	0
INDE	14	24	26	FOBS=	209.4	SIGMA=	0.6	PHAS=	-80.5	FOM=	0.77	TEST=	1
INDE	14	24	28	FOBS=	266.0	SIGMA=	0.6	PHAS=	-69.4	FOM=	0.94	TEST=	0
INDE	14	24	30	FOBS=	263.2	SIGMA=	0.6	PHAS=	-174.1	FOM=	0.96	TEST=	0
INDE	14	24	32	FOBS=	42.5	SIGMA=	2.9	PHAS=	-60.1	FOM=	0.95	TEST=	0
INDE	14	24	34	FOBS=	126.9	SIGMA=	1.1	PHAS=	28.5	FOM=	0.91	TEST=	0
INDE	14	24	36	FOBS=	177.1	SIGMA=	0.9	PHAS=	84.9	FOM=	0.95	TEST=	0
INDE	14	24	38	FOBS=	176.7	SIGMA=	1.0	PHAS=	16.9	FOM=	0.93	TEST=	0
INDE	14	24	40	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	24	42	FOBS=	155.4	SIGMA=	1.0	PHAS=	-71.7	FOM=	0.87	TEST=	0
INDE	14	24	44	FOBS=	159.9	SIGMA=	1.0	PHAS=	-65.7	FOM=	0.71	TEST=	0
INDE	14	24	46	FOBS=	174.5	SIGMA=	0.9	PHAS=	159.0	FOM=	0.94	TEST=	0
INDE	14	24	48	FOBS=	72.3	SIGMA=	2.0	PHAS=	141.4	FOM=	0.84	TEST=	0
INDE	14	24	50	FOBS=	82.6	SIGMA=	1.8	PHAS=	142.3	FOM=	0.90	TEST=	0
INDE	14	24	52	FOBS=	101.3	SIGMA=	1.5	PHAS=	-18.8	FOM=	0.29	TEST=	1
INDE	14	24	54	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	24	56	FOBS=	71.7	SIGMA=	2.6	PHAS=	-107.7	FOM=	0.84	TEST=	0
INDE	14	24	58	FOBS=	102.6	SIGMA=	2.0	PHAS=	-2.8	FOM=	0.86	TEST=	0
INDE	14	24	60	FOBS=	61.1	SIGMA=	4.2	PHAS=	-60.1	FOM=	0.70	TEST=	0
INDE	14	24	62	FOBS=	34.9	SIGMA=	7.2	PHAS=	-57.1	FOM=	0.28	TEST=	0
INDE	14	24	64	FOBS=	0.0	SIGMA=	31.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	24	66	FOBS=	7.8	SIGMA=	64.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	14	24	68	FOBS=	83.2	SIGMA=	6.3	PHAS=	133.8	FOM=	0.93	TEST=	0
INDE	14	24	70	FOBS=	63.4	SIGMA=	8.4	PHAS=	-151.7	FOM=	0.82	TEST=	0
INDE	14	24	72	FOBS=	14.6	SIGMA=	37.1	PHAS=	142.9	FOM=	0.19	TEST=	0
INDE	14	25	15	FOBS=	53.7	SIGMA=	1.5	PHAS=	-176.5	FOM=	0.80	TEST=	0
INDE	14	25	17	FOBS=	41.4	SIGMA=	2.2	PHAS=	-59.7	FOM=	0.43	TEST=	0
INDE	14	25	19	FOBS=	168.8	SIGMA=	0.6	PHAS=	-7.0	FOM=	0.92	TEST=	0
INDE	14	25	21	FOBS=	126.8	SIGMA=	0.8	PHAS=	30.6	FOM=	0.91	TEST=	0
INDE	14	25	23	FOBS=	138.9	SIGMA=	0.8	PHAS=	77.3	FOM=	0.89	TEST=	0
INDE	14	25	25	FOBS=	30.6	SIGMA=	3.6	PHAS=	-106.2	FOM=	0.20	TEST=	0
INDE	14	25	27	FOBS=	343.7	SIGMA=	0.5	PHAS=	-127.8	FOM=	0.93	TEST=	1
INDE	14	25	29	FOBS=	227.0	SIGMA=	0.7	PHAS=	71.0	FOM=	0.98	TEST=	0
INDE	14	25	31	FOBS=	234.8	SIGMA=	0.7	PHAS=	28.6	FOM=	0.95	TEST=	0
INDE	14	25	33	FOBS=	253.9	SIGMA=	0.7	PHAS=	-11.2	FOM=	0.94	TEST=	0
INDE	14	25	35	FOBS=	145.1	SIGMA=	1.1	PHAS=	-34.8	FOM=	0.92	TEST=	0
INDE	14	25	37	FOBS=	81.6	SIGMA=	2.0	PHAS=	-64.1	FOM=	0.68	TEST=	0
INDE	14	25	39	FOBS=	84.8	SIGMA=	2.0	PHAS=	-124.6	FOM=	0.69	TEST=	0
INDE	14	25	41	FOBS=	75.9	SIGMA=	2.3	PHAS=	-125.0	FOM=	0.69	TEST=	0

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INDE	14	25	43	FOBS=	180.6	SIGMA=	0.9	PHAS=	-179.2	FOM=	0.85	TEST=	0
INDE	14	25	45	FOBS=	67.6	SIGMA=	2.2	PHAS=	52.8	FOM=	0.52	TEST=	0
INDE	14	25	47	FOBS=	81.7	SIGMA=	1.8	PHAS=	127.4	FOM=	0.54	TEST=	0
INDE	14	25	49	FOBS=	34.0	SIGMA=	4.6	PHAS=	-92.0	FOM=	0.46	TEST=	0
INDE	14	25	51	FOBS=	61.7	SIGMA=	2.3	PHAS=	-13.1	FOM=	0.88	TEST=	0
INDE	14	25	53	FOBS=	79.5	SIGMA=	1.9	PHAS=	70.9	FOM=	0.84	TEST=	0
INDE	14	25	55	FOBS=	13.9	SIGMA=	12.6	PHAS=	-82.4	FOM=	0.05	TEST=	0
INDE	14	25	57	FOBS=	73.4	SIGMA=	2.9	PHAS=	-96.3	FOM=	0.89	TEST=	0
INDE	14	25	59	FOBS=	96.5	SIGMA=	2.7	PHAS=	-145.3	FOM=	0.79	TEST=	0
INDE	14	25	61	FOBS=	49.9	SIGMA=	5.1	PHAS=	-130.9	FOM=	0.37	TEST=	1
INDE	14	25	63	FOBS=	65.5	SIGMA=	4.5	PHAS=	115.1	FOM=	0.12	TEST=	1
INDE	14	25	65	FOBS=	27.2	SIGMA=	18.3	PHAS=	-70.8	FOM=	0.09	TEST=	0
INDE	14	25	67	FOBS=	29.3	SIGMA=	6.0	PHAS=	-148.4	FOM=	0.13	TEST=	0
INDE	14	25	69	FOBS=	94.6	SIGMA=	5.6	PHAS=	73.7	FOM=	0.93	TEST=	0
INDE	14	25	71	FOBS=	37.1	SIGMA=	14.6	PHAS=	114.1	FOM=	0.69	TEST=	0
INDE	14	26	14	FOBS=	146.6	SIGMA=	0.6	PHAS=	93.0	FOM=	0.97	TEST=	0
INDE	14	26	16	FOBS=	24.8	SIGMA=	3.8	PHAS=	139.9	FOM=	0.92	TEST=	0
INDE	14	26	18	FOBS=	60.8	SIGMA=	1.5	PHAS=	-57.4	FOM=	0.87	TEST=	0
INDE	14	26	20	FOBS=	200.4	SIGMA=	0.5	PHAS=	-66.8	FOM=	0.99	TEST=	0
INDE	14	26	22	FOBS=	21.5	SIGMA=	4.9	PHAS=	-73.3	FOM=	0.51	TEST=	0
INDE	14	26	24	FOBS=	227.0	SIGMA=	0.6	PHAS=	-151.5	FOM=	0.99	TEST=	0
INDE	14	26	26	FOBS=	86.5	SIGMA=	1.4	PHAS=	-178.5	FOM=	0.88	TEST=	0
INDE	14	26	28	FOBS=	183.1	SIGMA=	0.8	PHAS=	114.4	FOM=	0.99	TEST=	0
INDE	14	26	30	FOBS=	163.4	SIGMA=	1.0	PHAS=	26.0	FOM=	0.91	TEST=	0
INDE	14	26	32	FOBS=	84.0	SIGMA=	1.8	PHAS=	-137.6	FOM=	0.88	TEST=	0
INDE	14	26	34	FOBS=	255.7	SIGMA=	0.7	PHAS=	151.4	FOM=	0.90	TEST=	1
INDE	14	26	36	FOBS=	84.7	SIGMA=	1.9	PHAS=	-82.7	FOM=	0.92	TEST=	0
INDE	14	26	38	FOBS=	148.1	SIGMA=	1.2	PHAS=	-67.9	FOM=	0.50	TEST=	0
INDE	14	26	40	FOBS=	144.6	SIGMA=	1.2	PHAS=	-52.6	FOM=	0.92	TEST=	0
INDE	14	26	42	FOBS=	77.4	SIGMA=	2.2	PHAS=	61.0	FOM=	0.78	TEST=	0
INDE	14	26	44	FOBS=	60.6	SIGMA=	2.5	PHAS=	12.6	FOM=	0.30	TEST=	0
INDE	14	26	46	FOBS=	86.6	SIGMA=	1.8	PHAS=	135.2	FOM=	0.83	TEST=	0
INDE	14	26	48	FOBS=	98.5	SIGMA=	1.5	PHAS=	159.9	FOM=	0.55	TEST=	0
INDE	14	26	50	FOBS=	70.9	SIGMA=	2.1	PHAS=	139.4	FOM=	0.90	TEST=	0
INDE	14	26	52	FOBS=	151.6	SIGMA=	1.0	PHAS=	-22.7	FOM=	0.90	TEST=	0
INDE	14	26	54	FOBS=	39.7	SIGMA=	4.0	PHAS=	94.9	FOM=	0.68	TEST=	0
INDE	14	26	56	FOBS=	81.0	SIGMA=	2.4	PHAS=	-159.1	FOM=	0.83	TEST=	0
INDE	14	26	58	FOBS=	71.4	SIGMA=	3.3	PHAS=	155.2	FOM=	0.83	TEST=	0
INDE	14	26	60	FOBS=	33.7	SIGMA=	7.6	PHAS=	-176.4	FOM=	0.08	TEST=	0
INDE	14	26	62	FOBS=	27.4	SIGMA=	13.3	PHAS=	84.1	FOM=	0.17	TEST=	0
INDE	14	26	64	FOBS=	18.5	SIGMA=	26.1	PHAS=	104.6	FOM=	0.29	TEST=	0
INDE	14	26	66	FOBS=	83.9	SIGMA=	6.1	PHAS=	157.3	FOM=	0.79	TEST=	0
INDE	14	26	68	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	26	70	FOBS=	0.0	SIGMA=	32.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	27	15	FOBS=	230.9	SIGMA=	0.5	PHAS=	7.6	FOM=	0.98	TEST=	1
INDE	14	27	17	FOBS=	143.9	SIGMA=	0.8	PHAS=	-38.4	FOM=	0.90	TEST=	0
INDE	14	27	19	FOBS=	155.2	SIGMA=	0.7	PHAS=	-60.7	FOM=	0.99	TEST=	0
INDE	14	27	21	FOBS=	116.8	SIGMA=	0.8	PHAS=	-30.6	FOM=	0.92	TEST=	0
INDE	14	27	23	FOBS=	218.4	SIGMA=	0.6	PHAS=	82.1	FOM=	0.93	TEST=	0
INDE	14	27	25	FOBS=	211.7	SIGMA=	0.7	PHAS=	58.3	FOM=	0.99	TEST=	0
INDE	14	27	27	FOBS=	145.6	SIGMA=	1.0	PHAS=	9.8	FOM=	0.91	TEST=	0
INDE	14	27	29	FOBS=	304.4	SIGMA=	0.8	PHAS=	-3.9	FOM=	0.94	TEST=	0
INDE	14	27	31	FOBS=	176.4	SIGMA=	1.0	PHAS=	-28.6	FOM=	0.95	TEST=	0
INDE	14	27	33	FOBS=	200.1	SIGMA=	0.9	PHAS=	2.1	FOM=	0.95	TEST=	0
INDE	14	27	35	FOBS=	61.5	SIGMA=	3.0	PHAS=	151.0	FOM=	0.93	TEST=	0
INDE	14	27	37	FOBS=	150.7	SIGMA=	1.2	PHAS=	-117.1	FOM=	0.93	TEST=	0
INDE	14	27	39	FOBS=	167.9	SIGMA=	1.1	PHAS=	-121.7	FOM=	0.96	TEST=	0
INDE	14	27	41	FOBS=	87.4	SIGMA=	2.0	PHAS=	-119.1	FOM=	0.77	TEST=	0
INDE	14	27	43	FOBS=	104.3	SIGMA=	1.6	PHAS=	174.5	FOM=	0.86	TEST=	0
INDE	14	27	45	FOBS=	94.1	SIGMA=	1.8	PHAS=	93.5	FOM=	0.88	TEST=	0
INDE	14	27	47	FOBS=	138.4	SIGMA=	1.1	PHAS=	-9.2	FOM=	0.91	TEST=	0
INDE	14	27	49	FOBS=	12.2	SIGMA=	13.3	PHAS=	-100.8	FOM=	0.08	TEST=	0
INDE	14	27	51	FOBS=	105.6	SIGMA=	1.4	PHAS=	-88.2	FOM=	0.91	TEST=	0
INDE	14	27	53	FOBS=	60.0	SIGMA=	2.6	PHAS=	-152.0	FOM=	0.53	TEST=	0
INDE	14	27	55	FOBS=	119.1	SIGMA=	1.5	PHAS=	76.4	FOM=	0.93	TEST=	0
INDE	14	27	57	FOBS=	1.2	SIGMA=	167.4	PHAS=	-170.3	FOM=	0.04	TEST=	0
INDE	14	27	59	FOBS=	65.4	SIGMA=	3.6	PHAS=	-79.6	FOM=	0.88	TEST=	0
INDE	14	27	61	FOBS=	32.2	SIGMA=	11.6	PHAS=	117.5	FOM=	0.37	TEST=	0
INDE	14	27	63	FOBS=	93.7	SIGMA=	3.8	PHAS=	-21.7	FOM=	0.88	TEST=	0
INDE	14	27	65	FOBS=	0.0	SIGMA=	31.2	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	14	27	67	FOBS=	51.5	SIGMA=	4.0	PHAS=	-0.1	FOM=	0.62	TEST=	0
INDE	14	27	69	FOBS=	48.2	SIGMA=	3.6	PHAS=	26.9	FOM=	0.26	TEST=	0
INDE	14	27	71	FOBS=	56.0	SIGMA=	9.8	PHAS=	136.8	FOM=	0.80	TEST=	0
INDE	14	28	14	FOBS=	62.4	SIGMA=	1.3	PHAS=	63.3	FOM=	0.95	TEST=	0
INDE	14	28	16	FOBS=	148.0	SIGMA=	0.7	PHAS=	2.1	FOM=	0.84	TEST=	0
INDE	14	28	18	FOBS=	372.5	SIGMA=	0.6	PHAS=	-112.0	FOM=	0.99	TEST=	0
INDE	14	28	20	FOBS=	150.8	SIGMA=	0.8	PHAS=	-134.4	FOM=	0.96	TEST=	0
INDE	14	28	22	FOBS=	255.7	SIGMA=	0.5	PHAS=	-124.8	FOM=	0.80	TEST=	1
INDE	14	28	24	FOBS=	99.2	SIGMA=	1.1	PHAS=	114.8	FOM=	0.96	TEST=	0
INDE	14	28	26	FOBS=	183.8	SIGMA=	1.0	PHAS=	-31.2	FOM=	0.96	TEST=	0
INDE	14	28	28	FOBS=	138.4	SIGMA=	1.1	PHAS=	-139.7	FOM=	0.91	TEST=	0
INDE	14	28	30	FOBS=	151.3	SIGMA=	1.1	PHAS=	-103.3	FOM=	0.88	TEST=	1
INDE	14	28	32	FOBS=	139.8	SIGMA=	1.2	PHAS=	-133.1	FOM=	0.89	TEST=	0
INDE	14	28	34	FOBS=	260.0	SIGMA=	1.0	PHAS=	79.5	FOM=	0.94	TEST=	0
INDE	14	28	36	FOBS=	129.3	SIGMA=	1.5	PHAS=	149.2	FOM=	0.86	TEST=	1
INDE	14	28	38	FOBS=	23.7	SIGMA=	8.4	PHAS=	-75.4	FOM=	0.33	TEST=	0
INDE	14	28	40	FOBS=	160.9	SIGMA=	1.1	PHAS=	-67.0	FOM=	0.91	TEST=	0
INDE	14	28	42	FOBS=	66.0	SIGMA=	2.5	PHAS=	93.7	FOM=	0.77	TEST=	1
INDE	14	28	44	FOBS=	91.5	SIGMA=	1.8	PHAS=	68.7	FOM=	0.92	TEST=	0
INDE	14	28	46	FOBS=	24.4	SIGMA=	7.5	PHAS=	174.1	FOM=	0.44	TEST=	0
INDE	14	28	48	FOBS=	0.0	SIGMA=	17.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	28	50	FOBS=	127.7	SIGMA=	1.2	PHAS=	124.9	FOM=	0.97	TEST=	0
INDE	14	28	52	FOBS=	115.3	SIGMA=	1.5	PHAS=	-165.6	FOM=	0.84	TEST=	0
INDE	14	28	54	FOBS=	25.4	SIGMA=	6.6	PHAS=	-40.4	FOM=	0.55	TEST=	0
INDE	14	28	56	FOBS=	6.3	SIGMA=	27.9	PHAS=	-104.1	FOM=	0.22	TEST=	0
INDE	14	28	58	FOBS=	112.0	SIGMA=	2.0	PHAS=	159.8	FOM=	0.95	TEST=	0
INDE	14	28	60	FOBS=	42.4	SIGMA=	5.0	PHAS=	42.4	FOM=	0.24	TEST=	1
INDE	14	28	62	FOBS=	111.3	SIGMA=	2.7	PHAS=	163.4	FOM=	0.90	TEST=	0
INDE	14	28	64	FOBS=	49.1	SIGMA=	7.1	PHAS=	-146.4	FOM=	0.72	TEST=	0
INDE	14	28	66	FOBS=	0.0	SIGMA=	30.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	28	68	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	14	28	70	FOBS=	69.5	SIGMA=	7.7	PHAS=	91.9	FOM=	0.75	TEST=	0
INDE	14	29	15	FOBS=	90.8	SIGMA=	1.1	PHAS=	45.8	FOM=	0.96	TEST=	0
INDE	14	29	17	FOBS=	157.7	SIGMA=	0.8	PHAS=	55.3	FOM=	0.64	TEST=	1
INDE	14	29	19	FOBS=	244.8	SIGMA=	0.6	PHAS=	77.0	FOM=	0.94	TEST=	1
INDE	14	29	21	FOBS=	101.3	SIGMA=	1.1	PHAS=	121.3	FOM=	0.64	TEST=	0
INDE	14	29	23	FOBS=	161.7	SIGMA=	0.8	PHAS=	93.9	FOM=	0.98	TEST=	0
INDE	14	29	25	FOBS=	234.5	SIGMA=	0.7	PHAS=	-38.8	FOM=	0.93	TEST=	0
INDE	14	29	27	FOBS=	160.7	SIGMA=	1.1	PHAS=	103.4	FOM=	0.96	TEST=	0
INDE	14	29	29	FOBS=	230.6	SIGMA=	0.8	PHAS=	38.6	FOM=	0.97	TEST=	0
INDE	14	29	31	FOBS=	112.4	SIGMA=	1.5	PHAS=	117.6	FOM=	0.43	TEST=	0
INDE	14	29	33	FOBS=	110.0	SIGMA=	1.7	PHAS=	-89.0	FOM=	0.68	TEST=	0
INDE	14	29	35	FOBS=	135.6	SIGMA=	1.4	PHAS=	48.4	FOM=	0.62	TEST=	0
INDE	14	29	37	FOBS=	140.8	SIGMA=	1.4	PHAS=	96.2	FOM=	0.76	TEST=	0
INDE	14	29	39	FOBS=	123.1	SIGMA=	1.5	PHAS=	-102.2	FOM=	0.87	TEST=	0
INDE	14	29	41	FOBS=	104.5	SIGMA=	1.6	PHAS=	3.6	FOM=	0.96	TEST=	0
INDE	14	29	43	FOBS=	80.6	SIGMA=	2.1	PHAS=	58.9	FOM=	0.92	TEST=	0
INDE	14	29	45	FOBS=	46.9	SIGMA=	3.4	PHAS=	-4.4	FOM=	0.91	TEST=	0
INDE	14	29	47	FOBS=	141.9	SIGMA=	1.2	PHAS=	-49.8	FOM=	0.88	TEST=	0
INDE	14	29	49	FOBS=	136.8	SIGMA=	1.3	PHAS=	54.1	FOM=	0.91	TEST=	0
INDE	14	29	51	FOBS=	56.4	SIGMA=	3.1	PHAS=	74.8	FOM=	0.68	TEST=	1
INDE	14	29	53	FOBS=	68.9	SIGMA=	2.5	PHAS=	179.4	FOM=	0.38	TEST=	0
INDE	14	29	55	FOBS=	32.2	SIGMA=	5.9	PHAS=	172.7	FOM=	0.62	TEST=	0
INDE	14	29	57	FOBS=	139.5	SIGMA=	1.4	PHAS=	75.1	FOM=	0.96	TEST=	0
INDE	14	29	59	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	29	61	FOBS=	49.6	SIGMA=	5.1	PHAS=	79.1	FOM=	0.75	TEST=	0
INDE	14	29	63	FOBS=	56.0	SIGMA=	6.2	PHAS=	-68.1	FOM=	0.81	TEST=	0
INDE	14	29	65	FOBS=	20.2	SIGMA=	24.1	PHAS=	-99.3	FOM=	0.40	TEST=	0
INDE	14	29	67	FOBS=	76.3	SIGMA=	6.6	PHAS=	107.8	FOM=	0.76	TEST=	0
INDE	14	29	69	FOBS=	12.4	SIGMA=	17.8	PHAS=	29.4	FOM=	0.12	TEST=	1
INDE	14	30	14	FOBS=	271.2	SIGMA=	0.5	PHAS=	-133.5	FOM=	0.98	TEST=	0
INDE	14	30	16	FOBS=	163.6	SIGMA=	0.7	PHAS=	-67.7	FOM=	0.91	TEST=	0
INDE	14	30	18	FOBS=	139.3	SIGMA=	0.9	PHAS=	-55.4	FOM=	0.75	TEST=	0
INDE	14	30	20	FOBS=	173.1	SIGMA=	0.7	PHAS=	-71.4	FOM=	0.94	TEST=	0
INDE	14	30	22	FOBS=	286.9	SIGMA=	0.6	PHAS=	-16.3	FOM=	0.99	TEST=	0
INDE	14	30	24	FOBS=	148.5	SIGMA=	0.9	PHAS=	-128.0	FOM=	0.92	TEST=	0
INDE	14	30	26	FOBS=	123.2	SIGMA=	1.1	PHAS=	-81.9	FOM=	0.80	TEST=	0
INDE	14	30	28	FOBS=	158.2	SIGMA=	1.2	PHAS=	-11.6	FOM=	0.91	TEST=	0
INDE	14	30	30	FOBS=	179.0	SIGMA=	1.0	PHAS=	-100.7	FOM=	0.92	TEST=	0
INDE	14	30	32	FOBS=	128.7	SIGMA=	1.5	PHAS=	61.0	FOM=	0.91	TEST=	0

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INDE	14	30	34	FOBS=	92.8	SIGMA=	2.1	PHAS=	-147.9	FOM=	0.91	TEST=	0
INDE	14	30	36	FOBS=	13.8	SIGMA=	16.6	PHAS=	138.5	FOM=	0.20	TEST=	0
INDE	14	30	38	FOBS=	182.4	SIGMA=	1.1	PHAS=	-75.7	FOM=	0.94	TEST=	0
INDE	14	30	40	FOBS=	236.2	SIGMA=	0.9	PHAS=	-52.6	FOM=	0.90	TEST=	0
INDE	14	30	42	FOBS=	116.8	SIGMA=	1.5	PHAS=	-72.9	FOM=	0.87	TEST=	0
INDE	14	30	44	FOBS=	128.6	SIGMA=	1.3	PHAS=	174.3	FOM=	0.88	TEST=	0
INDE	14	30	46	FOBS=	64.4	SIGMA=	2.5	PHAS=	-162.2	FOM=	0.84	TEST=	0
INDE	14	30	48	FOBS=	125.7	SIGMA=	1.4	PHAS=	-44.6	FOM=	0.91	TEST=	1
INDE	14	30	50	FOBS=	71.8	SIGMA=	2.7	PHAS=	-23.1	FOM=	0.41	TEST=	0
INDE	14	30	52	FOBS=	78.6	SIGMA=	2.5	PHAS=	-107.9	FOM=	0.89	TEST=	0
INDE	14	30	54	FOBS=	83.6	SIGMA=	2.1	PHAS=	134.3	FOM=	0.68	TEST=	0
INDE	14	30	56	FOBS=	63.1	SIGMA=	3.0	PHAS=	-22.2	FOM=	0.68	TEST=	0
INDE	14	30	58	FOBS=	93.2	SIGMA=	2.0	PHAS=	26.4	FOM=	0.88	TEST=	0
INDE	14	30	60	FOBS=	37.5	SIGMA=	5.6	PHAS=	83.1	FOM=	0.65	TEST=	0
INDE	14	30	62	FOBS=	0.0	SIGMA=	24.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	30	64	FOBS=	54.3	SIGMA=	6.3	PHAS=	-155.7	FOM=	0.90	TEST=	0
INDE	14	30	66	FOBS=	106.4	SIGMA=	4.9	PHAS=	177.7	FOM=	0.37	TEST=	0
INDE	14	30	68	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	30	70	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	31	15	FOBS=	172.0	SIGMA=	0.7	PHAS=	150.4	FOM=	0.96	TEST=	0
INDE	14	31	17	FOBS=	164.7	SIGMA=	0.8	PHAS=	-18.3	FOM=	0.96	TEST=	0
INDE	14	31	19	FOBS=	0.0	SIGMA=	15.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	14	31	21	FOBS=	219.6	SIGMA=	0.7	PHAS=	-141.1	FOM=	0.95	TEST=	0
INDE	14	31	23	FOBS=	137.1	SIGMA=	1.0	PHAS=	155.0	FOM=	0.88	TEST=	0
INDE	14	31	25	FOBS=	315.4	SIGMA=	0.6	PHAS=	-11.1	FOM=	0.95	TEST=	0
INDE	14	31	27	FOBS=	121.2	SIGMA=	1.2	PHAS=	172.5	FOM=	0.90	TEST=	0
INDE	14	31	29	FOBS=	40.9	SIGMA=	3.8	PHAS=	122.2	FOM=	0.91	TEST=	0
INDE	14	31	31	FOBS=	213.3	SIGMA=	1.0	PHAS=	147.1	FOM=	0.95	TEST=	0
INDE	14	31	33	FOBS=	157.9	SIGMA=	1.5	PHAS=	125.3	FOM=	0.94	TEST=	0
INDE	14	31	35	FOBS=	90.1	SIGMA=	2.2	PHAS=	-134.1	FOM=	0.79	TEST=	0
INDE	14	31	37	FOBS=	126.7	SIGMA=	1.6	PHAS=	112.5	FOM=	0.88	TEST=	0
INDE	14	31	39	FOBS=	115.8	SIGMA=	1.7	PHAS=	-142.4	FOM=	0.87	TEST=	0
INDE	14	31	41	FOBS=	217.2	SIGMA=	1.0	PHAS=	-127.1	FOM=	0.03	TEST=	1
INDE	14	31	43	FOBS=	138.9	SIGMA=	1.3	PHAS=	171.1	FOM=	0.91	TEST=	0
INDE	14	31	45	FOBS=	146.6	SIGMA=	1.3	PHAS=	31.6	FOM=	0.92	TEST=	0
INDE	14	31	47	FOBS=	41.4	SIGMA=	4.6	PHAS=	-155.4	FOM=	0.84	TEST=	1
INDE	14	31	49	FOBS=	46.0	SIGMA=	4.1	PHAS=	90.1	FOM=	0.32	TEST=	0
INDE	14	31	51	FOBS=	104.1	SIGMA=	1.9	PHAS=	-62.6	FOM=	0.46	TEST=	1
INDE	14	31	53	FOBS=	108.2	SIGMA=	1.8	PHAS=	163.4	FOM=	0.92	TEST=	0
INDE	14	31	55	FOBS=	9.6	SIGMA=	22.8	PHAS=	-62.3	FOM=	0.06	TEST=	0
INDE	14	31	57	FOBS=	60.7	SIGMA=	3.0	PHAS=	-31.9	FOM=	0.80	TEST=	1
INDE	14	31	59	FOBS=	86.2	SIGMA=	2.2	PHAS=	-46.7	FOM=	0.80	TEST=	1
INDE	14	31	61	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	31	63	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	31	65	FOBS=	49.0	SIGMA=	10.2	PHAS=	20.2	FOM=	0.79	TEST=	0
INDE	14	31	67	FOBS=	42.6	SIGMA=	12.0	PHAS=	-146.5	FOM=	0.76	TEST=	0
INDE	14	31	69	FOBS=	5.8	SIGMA=	41.4	PHAS=	-54.6	FOM=	0.08	TEST=	0
INDE	14	32	14	FOBS=	169.9	SIGMA=	0.6	PHAS=	-89.2	FOM=	0.66	TEST=	0
INDE	14	32	16	FOBS=	178.5	SIGMA=	0.7	PHAS=	-130.1	FOM=	0.79	TEST=	1
INDE	14	32	18	FOBS=	207.8	SIGMA=	0.7	PHAS=	-108.3	FOM=	0.87	TEST=	0
INDE	14	32	20	FOBS=	94.2	SIGMA=	1.4	PHAS=	-176.4	FOM=	0.84	TEST=	0
INDE	14	32	22	FOBS=	124.3	SIGMA=	1.2	PHAS=	42.1	FOM=	0.85	TEST=	0
INDE	14	32	24	FOBS=	119.9	SIGMA=	1.1	PHAS=	-82.1	FOM=	0.63	TEST=	0
INDE	14	32	26	FOBS=	58.1	SIGMA=	2.4	PHAS=	149.5	FOM=	0.92	TEST=	0
INDE	14	32	28	FOBS=	250.9	SIGMA=	0.7	PHAS=	19.6	FOM=	0.97	TEST=	0
INDE	14	32	30	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	32	32	FOBS=	463.6	SIGMA=	1.0	PHAS=	25.4	FOM=	0.99	TEST=	0
INDE	14	32	34	FOBS=	281.1	SIGMA=	1.1	PHAS=	115.5	FOM=	0.96	TEST=	0
INDE	14	32	36	FOBS=	135.4	SIGMA=	1.5	PHAS=	101.6	FOM=	0.66	TEST=	0
INDE	14	32	38	FOBS=	85.6	SIGMA=	2.3	PHAS=	-77.8	FOM=	0.94	TEST=	0
INDE	14	32	40	FOBS=	150.7	SIGMA=	1.3	PHAS=	8.1	FOM=	0.87	TEST=	0
INDE	14	32	42	FOBS=	162.3	SIGMA=	1.2	PHAS=	84.2	FOM=	0.88	TEST=	0
INDE	14	32	44	FOBS=	32.6	SIGMA=	7.6	PHAS=	-1.2	FOM=	0.19	TEST=	0
INDE	14	32	46	FOBS=	143.7	SIGMA=	1.4	PHAS=	-22.6	FOM=	0.91	TEST=	0
INDE	14	32	48	FOBS=	57.0	SIGMA=	3.4	PHAS=	-56.6	FOM=	0.79	TEST=	1
INDE	14	32	50	FOBS=	114.6	SIGMA=	1.7	PHAS=	-90.6	FOM=	0.90	TEST=	0
INDE	14	32	52	FOBS=	91.8	SIGMA=	2.1	PHAS=	-116.0	FOM=	0.87	TEST=	0
INDE	14	32	54	FOBS=	40.5	SIGMA=	4.9	PHAS=	-178.8	FOM=	0.63	TEST=	0
INDE	14	32	56	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	32	58	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0

INDE	14	32	60	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	32	62	FOBS=	28.1	SIGMA=	8.1	PHAS=	-159.7	FOM=	0.12	TEST=	0
INDE	14	32	64	FOBS=	0.9	SIGMA=	269.5	PHAS=	-95.0	FOM=	0.02	TEST=	0
INDE	14	32	66	FOBS=	76.4	SIGMA=	5.0	PHAS=	-144.4	FOM=	0.88	TEST=	0
INDE	14	32	68	FOBS=	25.8	SIGMA=	9.6	PHAS=	150.7	FOM=	0.35	TEST=	0
INDE	14	33	15	FOBS=	51.8	SIGMA=	2.2	PHAS=	80.8	FOM=	0.87	TEST=	0
INDE	14	33	17	FOBS=	83.1	SIGMA=	1.5	PHAS=	93.5	FOM=	0.90	TEST=	0
INDE	14	33	19	FOBS=	205.9	SIGMA=	0.8	PHAS=	-148.4	FOM=	0.83	TEST=	0
INDE	14	33	21	FOBS=	15.2	SIGMA=	9.6	PHAS=	151.1	FOM=	0.02	TEST=	0
INDE	14	33	23	FOBS=	65.0	SIGMA=	2.3	PHAS=	-42.9	FOM=	0.74	TEST=	0
INDE	14	33	25	FOBS=	298.6	SIGMA=	0.6	PHAS=	-45.2	FOM=	0.94	TEST=	0
INDE	14	33	27	FOBS=	180.1	SIGMA=	0.9	PHAS=	-27.5	FOM=	0.99	TEST=	0
INDE	14	33	29	FOBS=	198.6	SIGMA=	1.0	PHAS=	-154.3	FOM=	0.95	TEST=	1
INDE	14	33	31	FOBS=	393.0	SIGMA=	0.6	PHAS=	2.9	FOM=	0.98	TEST=	0
INDE	14	33	33	FOBS=	164.6	SIGMA=	1.3	PHAS=	3.8	FOM=	0.96	TEST=	0
INDE	14	33	35	FOBS=	209.3	SIGMA=	1.1	PHAS=	65.5	FOM=	0.94	TEST=	0
INDE	14	33	37	FOBS=	107.2	SIGMA=	1.9	PHAS=	-15.2	FOM=	0.87	TEST=	0
INDE	14	33	39	FOBS=	86.8	SIGMA=	2.2	PHAS=	152.2	FOM=	0.44	TEST=	0
INDE	14	33	41	FOBS=	90.3	SIGMA=	2.3	PHAS=	-117.0	FOM=	0.82	TEST=	0
INDE	14	33	43	FOBS=	99.6	SIGMA=	2.3	PHAS=	-42.9	FOM=	0.85	TEST=	1
INDE	14	33	45	FOBS=	110.2	SIGMA=	2.1	PHAS=	-98.2	FOM=	0.92	TEST=	0
INDE	14	33	47	FOBS=	184.7	SIGMA=	1.3	PHAS=	179.2	FOM=	0.96	TEST=	0
INDE	14	33	49	FOBS=	84.1	SIGMA=	2.3	PHAS=	159.8	FOM=	0.91	TEST=	0
INDE	14	33	51	FOBS=	87.7	SIGMA=	2.2	PHAS=	-36.9	FOM=	0.70	TEST=	0
INDE	14	33	53	FOBS=	137.4	SIGMA=	1.7	PHAS=	-148.0	FOM=	0.90	TEST=	0
INDE	14	33	55	FOBS=	47.9	SIGMA=	4.4	PHAS=	100.2	FOM=	0.58	TEST=	0
INDE	14	33	57	FOBS=	118.2	SIGMA=	1.9	PHAS=	16.8	FOM=	0.89	TEST=	0
INDE	14	33	59	FOBS=	91.2	SIGMA=	2.4	PHAS=	-62.9	FOM=	0.90	TEST=	0
INDE	14	33	61	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	33	63	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	33	65	FOBS=	61.5	SIGMA=	5.0	PHAS=	119.1	FOM=	0.89	TEST=	0
INDE	14	33	67	FOBS=	0.0	SIGMA=	27.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	33	69	FOBS=	65.1	SIGMA=	8.2	PHAS=	20.5	FOM=	0.79	TEST=	0
INDE	14	34	14	FOBS=	254.4	SIGMA=	0.6	PHAS=	-38.6	FOM=	0.96	TEST=	0
INDE	14	34	16	FOBS=	191.7	SIGMA=	0.8	PHAS=	-129.4	FOM=	0.98	TEST=	0
INDE	14	34	18	FOBS=	277.3	SIGMA=	0.7	PHAS=	168.6	FOM=	0.95	TEST=	0
INDE	14	34	20	FOBS=	35.5	SIGMA=	4.1	PHAS=	24.7	FOM=	0.49	TEST=	0
INDE	14	34	22	FOBS=	74.4	SIGMA=	2.0	PHAS=	51.2	FOM=	0.98	TEST=	0
INDE	14	34	24	FOBS=	153.8	SIGMA=	1.1	PHAS=	147.7	FOM=	0.90	TEST=	0
INDE	14	34	26	FOBS=	97.9	SIGMA=	1.5	PHAS=	-154.9	FOM=	0.85	TEST=	1
INDE	14	34	28	FOBS=	183.1	SIGMA=	0.9	PHAS=	100.6	FOM=	0.96	TEST=	0
INDE	14	34	30	FOBS=	111.5	SIGMA=	1.8	PHAS=	-148.1	FOM=	0.96	TEST=	0
INDE	14	34	32	FOBS=	353.9	SIGMA=	0.9	PHAS=	-19.5	FOM=	0.95	TEST=	0
INDE	14	34	34	FOBS=	91.8	SIGMA=	2.2	PHAS=	-151.9	FOM=	0.56	TEST=	1
INDE	14	34	36	FOBS=	95.6	SIGMA=	2.1	PHAS=	-30.5	FOM=	0.87	TEST=	0
INDE	14	34	38	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	34	40	FOBS=	127.6	SIGMA=	1.9	PHAS=	-10.5	FOM=	0.89	TEST=	0
INDE	14	34	42	FOBS=	60.9	SIGMA=	3.7	PHAS=	-157.2	FOM=	0.86	TEST=	0
INDE	14	34	44	FOBS=	91.2	SIGMA=	2.5	PHAS=	-170.0	FOM=	0.68	TEST=	0
INDE	14	34	46	FOBS=	153.9	SIGMA=	1.6	PHAS=	54.9	FOM=	0.95	TEST=	0
INDE	14	34	48	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	34	50	FOBS=	115.4	SIGMA=	1.8	PHAS=	-18.9	FOM=	0.90	TEST=	0
INDE	14	34	52	FOBS=	39.4	SIGMA=	5.5	PHAS=	-177.3	FOM=	0.39	TEST=	0
INDE	14	34	54	FOBS=	81.1	SIGMA=	2.7	PHAS=	-47.7	FOM=	0.50	TEST=	0
INDE	14	34	56	FOBS=	36.4	SIGMA=	6.3	PHAS=	-152.5	FOM=	0.56	TEST=	0
INDE	14	34	58	FOBS=	104.5	SIGMA=	2.1	PHAS=	-131.6	FOM=	0.92	TEST=	0
INDE	14	34	60	FOBS=	60.5	SIGMA=	3.5	PHAS=	-127.1	FOM=	0.60	TEST=	0
INDE	14	34	62	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	34	64	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	34	66	FOBS=	55.7	SIGMA=	5.7	PHAS=	-12.1	FOM=	0.66	TEST=	0
INDE	14	34	68	FOBS=	18.6	SIGMA=	14.8	PHAS=	25.9	FOM=	0.25	TEST=	0
INDE	14	35	15	FOBS=	158.0	SIGMA=	0.9	PHAS=	-118.0	FOM=	0.90	TEST=	1
INDE	14	35	17	FOBS=	354.5	SIGMA=	0.6	PHAS=	74.2	FOM=	0.97	TEST=	0
INDE	14	35	19	FOBS=	14.0	SIGMA=	12.8	PHAS=	-31.7	FOM=	0.12	TEST=	0
INDE	14	35	21	FOBS=	0.0	SIGMA=	17.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	35	23	FOBS=	287.7	SIGMA=	0.7	PHAS=	-19.7	FOM=	0.95	TEST=	0
INDE	14	35	25	FOBS=	155.0	SIGMA=	1.1	PHAS=	-80.2	FOM=	0.96	TEST=	0
INDE	14	35	27	FOBS=	210.6	SIGMA=	0.9	PHAS=	-32.1	FOM=	0.47	TEST=	1
INDE	14	35	29	FOBS=	163.4	SIGMA=	1.1	PHAS=	67.4	FOM=	0.91	TEST=	0
INDE	14	35	31	FOBS=	337.2	SIGMA=	0.8	PHAS=	-70.2	FOM=	0.93	TEST=	0

INDE	14	35	33	FOBS=	86.1	SIGMA=	2.1	PHAS=	-129.0	FOM=	0.66	TEST=	0
INDE	14	35	35	FOBS=	264.0	SIGMA=	1.1	PHAS=	86.3	FOM=	0.96	TEST=	0
INDE	14	35	37	FOBS=	117.0	SIGMA=	2.1	PHAS=	-38.3	FOM=	0.86	TEST=	0
INDE	14	35	39	FOBS=	178.4	SIGMA=	1.4	PHAS=	-154.4	FOM=	0.92	TEST=	0
INDE	14	35	41	FOBS=	69.8	SIGMA=	3.3	PHAS=	-112.2	FOM=	0.74	TEST=	0
INDE	14	35	43	FOBS=	65.6	SIGMA=	3.5	PHAS=	-64.0	FOM=	0.30	TEST=	0
INDE	14	35	45	FOBS=	112.3	SIGMA=	2.1	PHAS=	-41.2	FOM=	0.83	TEST=	0
INDE	14	35	47	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	35	49	FOBS=	57.0	SIGMA=	3.8	PHAS=	170.4	FOM=	0.48	TEST=	0
INDE	14	35	51	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	35	53	FOBS=	62.6	SIGMA=	3.4	PHAS=	-146.3	FOM=	0.70	TEST=	0
INDE	14	35	55	FOBS=	60.0	SIGMA=	3.5	PHAS=	-135.0	FOM=	0.71	TEST=	0
INDE	14	35	57	FOBS=	44.2	SIGMA=	6.1	PHAS=	-133.5	FOM=	0.46	TEST=	0
INDE	14	35	59	FOBS=	101.8	SIGMA=	2.1	PHAS=	123.8	FOM=	0.92	TEST=	0
INDE	14	35	61	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	35	63	FOBS=	2.5	SIGMA=	91.1	PHAS=	9.8	FOM=	0.02	TEST=	0
INDE	14	35	65	FOBS=	47.4	SIGMA=	5.1	PHAS=	-106.4	FOM=	0.27	TEST=	1
INDE	14	35	67	FOBS=	0.0	SIGMA=	25.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	36	14	FOBS=	177.8	SIGMA=	0.7	PHAS=	-138.1	FOM=	0.92	TEST=	0
INDE	14	36	16	FOBS=	142.6	SIGMA=	1.0	PHAS=	-70.6	FOM=	0.92	TEST=	0
INDE	14	36	18	FOBS=	138.3	SIGMA=	1.2	PHAS=	-138.5	FOM=	0.90	TEST=	0
INDE	14	36	20	FOBS=	101.9	SIGMA=	1.5	PHAS=	-1.3	FOM=	0.73	TEST=	0
INDE	14	36	22	FOBS=	78.2	SIGMA=	2.0	PHAS=	-154.5	FOM=	0.17	TEST=	0
INDE	14	36	24	FOBS=	191.9	SIGMA=	1.0	PHAS=	-165.5	FOM=	0.93	TEST=	0
INDE	14	36	26	FOBS=	38.7	SIGMA=	4.9	PHAS=	-160.8	FOM=	0.69	TEST=	0
INDE	14	36	28	FOBS=	101.5	SIGMA=	1.7	PHAS=	-113.5	FOM=	0.96	TEST=	0
INDE	14	36	30	FOBS=	222.8	SIGMA=	0.9	PHAS=	-136.3	FOM=	0.96	TEST=	0
INDE	14	36	32	FOBS=	165.2	SIGMA=	1.2	PHAS=	-115.1	FOM=	0.90	TEST=	0
INDE	14	36	34	FOBS=	21.8	SIGMA=	10.7	PHAS=	101.9	FOM=	0.67	TEST=	0
INDE	14	36	36	FOBS=	118.8	SIGMA=	2.1	PHAS=	-13.7	FOM=	0.91	TEST=	0
INDE	14	36	38	FOBS=	43.7	SIGMA=	5.4	PHAS=	166.0	FOM=	0.39	TEST=	0
INDE	14	36	40	FOBS=	55.0	SIGMA=	4.2	PHAS=	-92.6	FOM=	0.18	TEST=	0
INDE	14	36	42	FOBS=	31.7	SIGMA=	7.2	PHAS=	-142.3	FOM=	0.36	TEST=	0
INDE	14	36	44	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	36	46	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	14	36	48	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	36	50	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	36	52	FOBS=	28.4	SIGMA=	8.2	PHAS=	-148.6	FOM=	0.03	TEST=	0
INDE	14	36	54	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	36	56	FOBS=	113.6	SIGMA=	1.9	PHAS=	161.6	FOM=	0.96	TEST=	0
INDE	14	36	58	FOBS=	75.2	SIGMA=	2.8	PHAS=	5.0	FOM=	0.89	TEST=	0
INDE	14	36	60	FOBS=	36.9	SIGMA=	6.1	PHAS=	-63.9	FOM=	0.25	TEST=	0
INDE	14	36	62	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	36	64	FOBS=	45.9	SIGMA=	4.7	PHAS=	-150.5	FOM=	0.67	TEST=	0
INDE	14	36	66	FOBS=	32.3	SIGMA=	9.8	PHAS=	130.0	FOM=	0.36	TEST=	0
INDE	14	37	15	FOBS=	71.3	SIGMA=	2.0	PHAS=	-49.7	FOM=	0.72	TEST=	0
INDE	14	37	17	FOBS=	40.2	SIGMA=	3.6	PHAS=	-161.2	FOM=	0.65	TEST=	0
INDE	14	37	19	FOBS=	117.3	SIGMA=	1.4	PHAS=	-26.0	FOM=	0.33	TEST=	0
INDE	14	37	21	FOBS=	210.5	SIGMA=	0.9	PHAS=	-172.4	FOM=	0.97	TEST=	0
INDE	14	37	23	FOBS=	122.7	SIGMA=	1.4	PHAS=	-54.0	FOM=	0.88	TEST=	0
INDE	14	37	25	FOBS=	36.6	SIGMA=	5.3	PHAS=	130.1	FOM=	0.79	TEST=	0
INDE	14	37	27	FOBS=	51.1	SIGMA=	3.6	PHAS=	142.0	FOM=	0.93	TEST=	0
INDE	14	37	29	FOBS=	314.1	SIGMA=	0.8	PHAS=	127.9	FOM=	0.97	TEST=	0
INDE	14	37	31	FOBS=	21.0	SIGMA=	9.4	PHAS=	121.6	FOM=	0.13	TEST=	0
INDE	14	37	33	FOBS=	194.1	SIGMA=	1.1	PHAS=	113.0	FOM=	0.94	TEST=	0
INDE	14	37	35	FOBS=	137.1	SIGMA=	1.5	PHAS=	39.6	FOM=	0.93	TEST=	0
INDE	14	37	37	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	14	37	39	FOBS=	161.3	SIGMA=	1.6	PHAS=	-154.7	FOM=	0.89	TEST=	0
INDE	14	37	41	FOBS=	38.7	SIGMA=	6.6	PHAS=	-15.8	FOM=	0.11	TEST=	0
INDE	14	37	43	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	37	45	FOBS=	29.7	SIGMA=	7.4	PHAS=	-48.9	FOM=	0.43	TEST=	0
INDE	14	37	47	FOBS=	48.2	SIGMA=	4.6	PHAS=	120.9	FOM=	0.67	TEST=	0
INDE	14	37	49	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	37	51	FOBS=	38.1	SIGMA=	6.2	PHAS=	150.9	FOM=	0.53	TEST=	0
INDE	14	37	53	FOBS=	68.6	SIGMA=	3.1	PHAS=	149.8	FOM=	0.65	TEST=	0
INDE	14	37	55	FOBS=	62.5	SIGMA=	3.4	PHAS=	111.0	FOM=	0.67	TEST=	0
INDE	14	37	57	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	14	37	59	FOBS=	26.2	SIGMA=	9.0	PHAS=	-107.3	FOM=	0.16	TEST=	0
INDE	14	37	61	FOBS=	35.2	SIGMA=	7.5	PHAS=	-118.2	FOM=	0.39	TEST=	0
INDE	14	37	63	FOBS=	21.3	SIGMA=	11.3	PHAS=	54.4	FOM=	0.03	TEST=	1

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INDE	14	37	65	FOBS=	70.7	SIGMA=	4.6	PHAS=	46.6	FOM=	0.92	TEST=	0
INDE	14	38	14	FOBS=	123.7	SIGMA=	1.1	PHAS=	-177.0	FOM=	0.92	TEST=	0
INDE	14	38	16	FOBS=	79.4	SIGMA=	2.0	PHAS=	-154.6	FOM=	0.63	TEST=	0
INDE	14	38	18	FOBS=	135.7	SIGMA=	1.4	PHAS=	148.6	FOM=	0.90	TEST=	0
INDE	14	38	20	FOBS=	236.8	SIGMA=	0.9	PHAS=	48.1	FOM=	0.98	TEST=	0
INDE	14	38	22	FOBS=	43.6	SIGMA=	4.8	PHAS=	113.7	FOM=	0.81	TEST=	0
INDE	14	38	24	FOBS=	92.9	SIGMA=	2.3	PHAS=	-94.4	FOM=	0.29	TEST=	1
INDE	14	38	26	FOBS=	219.1	SIGMA=	1.1	PHAS=	39.7	FOM=	0.92	TEST=	0
INDE	14	38	28	FOBS=	45.2	SIGMA=	4.8	PHAS=	27.4	FOM=	0.86	TEST=	0
INDE	14	38	30	FOBS=	175.2	SIGMA=	1.2	PHAS=	86.7	FOM=	0.95	TEST=	0
INDE	14	38	32	FOBS=	148.4	SIGMA=	1.5	PHAS=	16.6	FOM=	0.96	TEST=	0
INDE	14	38	34	FOBS=	33.6	SIGMA=	6.0	PHAS=	136.1	FOM=	0.49	TEST=	0
INDE	14	38	36	FOBS=	39.4	SIGMA=	5.0	PHAS=	-41.2	FOM=	0.24	TEST=	0
INDE	14	38	38	FOBS=	58.3	SIGMA=	3.7	PHAS=	40.1	FOM=	0.82	TEST=	0
INDE	14	38	40	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	38	42	FOBS=	70.6	SIGMA=	3.3	PHAS=	-12.1	FOM=	0.91	TEST=	0
INDE	14	38	44	FOBS=	26.7	SIGMA=	8.4	PHAS=	-76.7	FOM=	0.55	TEST=	0
INDE	14	38	46	FOBS=	45.0	SIGMA=	5.0	PHAS=	170.4	FOM=	0.24	TEST=	0
INDE	14	38	48	FOBS=	71.0	SIGMA=	3.1	PHAS=	39.2	FOM=	0.88	TEST=	0
INDE	14	38	50	FOBS=	54.2	SIGMA=	4.1	PHAS=	2.0	FOM=	0.11	TEST=	1
INDE	14	38	52	FOBS=	72.6	SIGMA=	3.0	PHAS=	36.8	FOM=	0.91	TEST=	0
INDE	14	38	54	FOBS=	94.4	SIGMA=	2.3	PHAS=	65.8	FOM=	0.92	TEST=	0
INDE	14	38	56	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	38	58	FOBS=	54.2	SIGMA=	3.9	PHAS=	-24.5	FOM=	0.78	TEST=	0
INDE	14	38	60	FOBS=	60.6	SIGMA=	3.5	PHAS=	-152.0	FOM=	0.85	TEST=	0
INDE	14	38	62	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	38	64	FOBS=	97.0	SIGMA=	2.8	PHAS=	-9.3	FOM=	0.93	TEST=	0
INDE	14	38	66	FOBS=	42.9	SIGMA=	9.7	PHAS=	-10.6	FOM=	0.88	TEST=	0
INDE	14	39	15	FOBS=	106.3	SIGMA=	1.9	PHAS=	-45.5	FOM=	0.91	TEST=	0
INDE	14	39	17	FOBS=	116.0	SIGMA=	1.6	PHAS=	0.2	FOM=	0.74	TEST=	0
INDE	14	39	19	FOBS=	200.3	SIGMA=	1.2	PHAS=	-23.2	FOM=	0.97	TEST=	0
INDE	14	39	21	FOBS=	178.5	SIGMA=	1.2	PHAS=	150.6	FOM=	0.95	TEST=	0
INDE	14	39	23	FOBS=	71.2	SIGMA=	3.0	PHAS=	20.0	FOM=	0.64	TEST=	0
INDE	14	39	25	FOBS=	188.6	SIGMA=	1.3	PHAS=	-78.0	FOM=	0.94	TEST=	0
INDE	14	39	27	FOBS=	102.4	SIGMA=	2.3	PHAS=	121.6	FOM=	0.52	TEST=	0
INDE	14	39	29	FOBS=	230.3	SIGMA=	1.0	PHAS=	65.2	FOM=	0.92	TEST=	0
INDE	14	39	31	FOBS=	155.9	SIGMA=	1.3	PHAS=	16.0	FOM=	0.92	TEST=	0
INDE	14	39	33	FOBS=	85.1	SIGMA=	2.7	PHAS=	107.9	FOM=	0.85	TEST=	0
INDE	14	39	35	FOBS=	90.4	SIGMA=	2.2	PHAS=	11.3	FOM=	0.81	TEST=	0
INDE	14	39	37	FOBS=	122.0	SIGMA=	1.7	PHAS=	-86.4	FOM=	0.60	TEST=	0
INDE	14	39	39	FOBS=	36.7	SIGMA=	5.8	PHAS=	105.6	FOM=	0.38	TEST=	0
INDE	14	39	41	FOBS=	92.8	SIGMA=	2.5	PHAS=	-118.6	FOM=	0.90	TEST=	0
INDE	14	39	43	FOBS=	66.3	SIGMA=	3.5	PHAS=	-169.9	FOM=	0.73	TEST=	0
INDE	14	39	45	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	39	47	FOBS=	36.0	SIGMA=	6.1	PHAS=	102.9	FOM=	0.52	TEST=	0
INDE	14	39	49	FOBS=	121.9	SIGMA=	1.9	PHAS=	21.2	FOM=	0.94	TEST=	0
INDE	14	39	51	FOBS=	98.3	SIGMA=	2.3	PHAS=	-111.8	FOM=	0.96	TEST=	0
INDE	14	39	53	FOBS=	120.6	SIGMA=	1.9	PHAS=	-15.5	FOM=	0.95	TEST=	0
INDE	14	39	55	FOBS=	132.7	SIGMA=	1.7	PHAS=	-0.4	FOM=	0.94	TEST=	0
INDE	14	39	57	FOBS=	60.4	SIGMA=	3.6	PHAS=	-121.2	FOM=	0.69	TEST=	0
INDE	14	39	59	FOBS=	62.7	SIGMA=	3.4	PHAS=	131.0	FOM=	0.87	TEST=	0
INDE	14	39	61	FOBS=	54.9	SIGMA=	3.9	PHAS=	-134.3	FOM=	0.68	TEST=	0
INDE	14	39	63	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	39	65	FOBS=	106.1	SIGMA=	2.7	PHAS=	-72.7	FOM=	0.96	TEST=	0
INDE	14	40	14	FOBS=	272.5	SIGMA=	0.8	PHAS=	-123.7	FOM=	0.95	TEST=	0
INDE	14	40	16	FOBS=	239.9	SIGMA=	0.9	PHAS=	-67.2	FOM=	0.90	TEST=	0
INDE	14	40	18	FOBS=	27.2	SIGMA=	7.2	PHAS=	33.3	FOM=	0.05	TEST=	1
INDE	14	40	20	FOBS=	96.0	SIGMA=	2.2	PHAS=	93.4	FOM=	0.95	TEST=	0
INDE	14	40	22	FOBS=	244.0	SIGMA=	1.0	PHAS=	13.3	FOM=	0.96	TEST=	0
INDE	14	40	24	FOBS=	74.5	SIGMA=	3.0	PHAS=	151.9	FOM=	0.32	TEST=	0
INDE	14	40	26	FOBS=	141.4	SIGMA=	1.6	PHAS=	90.2	FOM=	0.92	TEST=	1
INDE	14	40	28	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	40	30	FOBS=	139.9	SIGMA=	1.5	PHAS=	-0.5	FOM=	0.88	TEST=	0
INDE	14	40	32	FOBS=	200.1	SIGMA=	1.2	PHAS=	3.9	FOM=	0.96	TEST=	0
INDE	14	40	34	FOBS=	99.6	SIGMA=	2.2	PHAS=	-101.2	FOM=	0.89	TEST=	0
INDE	14	40	36	FOBS=	101.2	SIGMA=	2.0	PHAS=	-147.2	FOM=	0.90	TEST=	0
INDE	14	40	38	FOBS=	67.8	SIGMA=	2.9	PHAS=	-169.7	FOM=	0.12	TEST=	0
INDE	14	40	40	FOBS=	62.8	SIGMA=	3.4	PHAS=	34.6	FOM=	0.84	TEST=	0
INDE	14	40	42	FOBS=	75.4	SIGMA=	3.1	PHAS=	37.8	FOM=	0.86	TEST=	0
INDE	14	40	44	FOBS=	81.1	SIGMA=	2.8	PHAS=	-169.6	FOM=	0.92	TEST=	0

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INDE	14	40	46	FOBS=	69.8	SIGMA=	3.2	PHAS=	39.0	FOM=	0.64	TEST=	0
INDE	14	40	48	FOBS=	132.5	SIGMA=	1.8	PHAS=	-37.4	FOM=	0.92	TEST=	0
INDE	14	40	50	FOBS=	73.4	SIGMA=	3.0	PHAS=	-171.7	FOM=	0.49	TEST=	1
INDE	14	40	52	FOBS=	83.8	SIGMA=	2.7	PHAS=	-159.4	FOM=	0.93	TEST=	0
INDE	14	40	54	FOBS=	76.5	SIGMA=	2.9	PHAS=	-42.8	FOM=	0.76	TEST=	0
INDE	14	40	56	FOBS=	64.6	SIGMA=	3.7	PHAS=	-68.2	FOM=	0.86	TEST=	0
INDE	14	40	58	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	40	60	FOBS=	75.6	SIGMA=	2.9	PHAS=	11.5	FOM=	0.79	TEST=	0
INDE	14	40	62	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	40	64	FOBS=	18.3	SIGMA=	15.0	PHAS=	-108.7	FOM=	0.38	TEST=	0
INDE	14	41	15	FOBS=	212.1	SIGMA=	1.0	PHAS=	159.7	FOM=	0.83	TEST=	0
INDE	14	41	17	FOBS=	120.3	SIGMA=	1.7	PHAS=	-104.9	FOM=	0.94	TEST=	0
INDE	14	41	19	FOBS=	59.5	SIGMA=	3.8	PHAS=	-36.6	FOM=	0.89	TEST=	0
INDE	14	41	21	FOBS=	46.4	SIGMA=	4.6	PHAS=	110.2	FOM=	0.80	TEST=	0
INDE	14	41	23	FOBS=	98.3	SIGMA=	2.3	PHAS=	-117.7	FOM=	0.55	TEST=	1
INDE	14	41	25	FOBS=	122.1	SIGMA=	1.8	PHAS=	-3.1	FOM=	0.91	TEST=	0
INDE	14	41	27	FOBS=	137.8	SIGMA=	1.7	PHAS=	81.0	FOM=	0.74	TEST=	0
INDE	14	41	29	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	41	31	FOBS=	58.2	SIGMA=	3.4	PHAS=	-165.3	FOM=	0.66	TEST=	0
INDE	14	41	33	FOBS=	148.9	SIGMA=	1.4	PHAS=	-158.3	FOM=	0.80	TEST=	1
INDE	14	41	35	FOBS=	151.2	SIGMA=	1.4	PHAS=	-179.4	FOM=	0.96	TEST=	0
INDE	14	41	37	FOBS=	37.7	SIGMA=	5.2	PHAS=	116.6	FOM=	0.65	TEST=	0
INDE	14	41	39	FOBS=	81.1	SIGMA=	2.4	PHAS=	142.6	FOM=	0.09	TEST=	1
INDE	14	41	41	FOBS=	83.8	SIGMA=	2.6	PHAS=	-75.6	FOM=	0.91	TEST=	0
INDE	14	41	43	FOBS=	59.5	SIGMA=	3.9	PHAS=	11.5	FOM=	0.47	TEST=	0
INDE	14	41	45	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	41	47	FOBS=	84.0	SIGMA=	2.7	PHAS=	-66.8	FOM=	0.72	TEST=	0
INDE	14	41	49	FOBS=	40.8	SIGMA=	5.4	PHAS=	136.9	FOM=	0.16	TEST=	0
INDE	14	41	51	FOBS=	94.1	SIGMA=	2.4	PHAS=	-65.2	FOM=	0.79	TEST=	0
INDE	14	41	53	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	41	55	FOBS=	59.0	SIGMA=	3.7	PHAS=	-64.2	FOM=	0.78	TEST=	0
INDE	14	41	57	FOBS=	66.2	SIGMA=	3.2	PHAS=	140.4	FOM=	0.88	TEST=	0
INDE	14	41	59	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	41	61	FOBS=	70.0	SIGMA=	3.1	PHAS=	-119.6	FOM=	0.89	TEST=	0
INDE	14	41	63	FOBS=	51.4	SIGMA=	5.4	PHAS=	70.9	FOM=	0.14	TEST=	1
INDE	14	42	14	FOBS=	45.5	SIGMA=	4.3	PHAS=	78.6	FOM=	0.83	TEST=	0
INDE	14	42	16	FOBS=	244.9	SIGMA=	1.0	PHAS=	105.4	FOM=	0.97	TEST=	0
INDE	14	42	18	FOBS=	105.9	SIGMA=	2.0	PHAS=	12.8	FOM=	0.97	TEST=	0
INDE	14	42	20	FOBS=	78.5	SIGMA=	3.0	PHAS=	171.7	FOM=	0.61	TEST=	0
INDE	14	42	22	FOBS=	201.1	SIGMA=	1.2	PHAS=	-27.2	FOM=	0.92	TEST=	0
INDE	14	42	24	FOBS=	164.7	SIGMA=	1.4	PHAS=	-42.5	FOM=	0.95	TEST=	0
INDE	14	42	26	FOBS=	204.4	SIGMA=	1.2	PHAS=	-2.8	FOM=	0.93	TEST=	0
INDE	14	42	28	FOBS=	116.8	SIGMA=	1.9	PHAS=	165.1	FOM=	0.93	TEST=	0
INDE	14	42	30	FOBS=	127.0	SIGMA=	1.6	PHAS=	56.7	FOM=	0.87	TEST=	0
INDE	14	42	32	FOBS=	185.4	SIGMA=	1.1	PHAS=	5.3	FOM=	0.49	TEST=	1
INDE	14	42	34	FOBS=	103.8	SIGMA=	1.9	PHAS=	100.9	FOM=	0.80	TEST=	0
INDE	14	42	36	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	42	38	FOBS=	36.7	SIGMA=	5.3	PHAS=	-134.5	FOM=	0.33	TEST=	0
INDE	14	42	40	FOBS=	106.2	SIGMA=	1.9	PHAS=	158.8	FOM=	0.93	TEST=	0
INDE	14	42	42	FOBS=	57.0	SIGMA=	3.7	PHAS=	121.3	FOM=	0.69	TEST=	0
INDE	14	42	44	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	42	46	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	42	48	FOBS=	114.1	SIGMA=	2.0	PHAS=	72.3	FOM=	0.67	TEST=	0
INDE	14	42	50	FOBS=	71.9	SIGMA=	3.1	PHAS=	155.4	FOM=	0.60	TEST=	0
INDE	14	42	52	FOBS=	125.5	SIGMA=	1.8	PHAS=	-176.4	FOM=	0.96	TEST=	0
INDE	14	42	54	FOBS=	133.2	SIGMA=	1.7	PHAS=	-155.9	FOM=	0.96	TEST=	0
INDE	14	42	56	FOBS=	74.3	SIGMA=	3.0	PHAS=	-89.9	FOM=	0.88	TEST=	0
INDE	14	42	58	FOBS=	40.6	SIGMA=	5.3	PHAS=	71.7	FOM=	0.08	TEST=	1
INDE	14	42	60	FOBS=	38.9	SIGMA=	6.2	PHAS=	106.2	FOM=	0.58	TEST=	0
INDE	14	42	62	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	43	15	FOBS=	188.7	SIGMA=	1.2	PHAS=	-25.8	FOM=	0.98	TEST=	0
INDE	14	43	17	FOBS=	328.9	SIGMA=	0.8	PHAS=	-30.4	FOM=	0.96	TEST=	0
INDE	14	43	19	FOBS=	37.5	SIGMA=	5.8	PHAS=	131.2	FOM=	0.79	TEST=	1
INDE	14	43	21	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	43	23	FOBS=	197.2	SIGMA=	1.2	PHAS=	-131.7	FOM=	0.97	TEST=	0
INDE	14	43	25	FOBS=	147.0	SIGMA=	1.5	PHAS=	-84.0	FOM=	0.98	TEST=	0
INDE	14	43	27	FOBS=	133.0	SIGMA=	1.7	PHAS=	78.4	FOM=	0.95	TEST=	0
INDE	14	43	29	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	43	31	FOBS=	64.3	SIGMA=	3.0	PHAS=	-23.5	FOM=	0.83	TEST=	1
INDE	14	43	33	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	14	43	35	FOBS=	105.6	SIGMA=	1.8	PHAS=	55.3	FOM=	0.37	TEST=	1
INDE	14	43	37	FOBS=	81.9	SIGMA=	2.4	PHAS=	-8.1	FOM=	0.85	TEST=	1
INDE	14	43	39	FOBS=	151.2	SIGMA=	1.4	PHAS=	49.0	FOM=	0.95	TEST=	0
INDE	14	43	41	FOBS=	66.8	SIGMA=	2.9	PHAS=	88.9	FOM=	0.79	TEST=	0
INDE	14	43	43	FOBS=	11.7	SIGMA=	17.9	PHAS=	-59.1	FOM=	0.21	TEST=	0
INDE	14	43	45	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	43	47	FOBS=	45.4	SIGMA=	4.9	PHAS=	144.8	FOM=	0.01	TEST=	1
INDE	14	43	49	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	43	51	FOBS=	48.6	SIGMA=	4.5	PHAS=	29.3	FOM=	0.51	TEST=	0
INDE	14	43	53	FOBS=	106.5	SIGMA=	2.1	PHAS=	100.2	FOM=	0.95	TEST=	0
INDE	14	43	55	FOBS=	111.7	SIGMA=	2.0	PHAS=	162.2	FOM=	0.95	TEST=	0
INDE	14	43	57	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	43	59	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	43	61	FOBS=	13.7	SIGMA=	19.8	PHAS=	-18.4	FOM=	0.33	TEST=	0
INDE	14	43	63	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	44	14	FOBS=	96.6	SIGMA=	2.9	PHAS=	-31.4	FOM=	0.67	TEST=	0
INDE	14	44	16	FOBS=	68.4	SIGMA=	3.2	PHAS=	-135.8	FOM=	0.90	TEST=	0
INDE	14	44	18	FOBS=	109.4	SIGMA=	2.0	PHAS=	-116.0	FOM=	0.74	TEST=	0
INDE	14	44	20	FOBS=	152.9	SIGMA=	1.6	PHAS=	79.6	FOM=	0.93	TEST=	0
INDE	14	44	22	FOBS=	83.7	SIGMA=	2.6	PHAS=	45.0	FOM=	0.66	TEST=	0
INDE	14	44	24	FOBS=	164.4	SIGMA=	1.4	PHAS=	-112.2	FOM=	0.97	TEST=	0
INDE	14	44	26	FOBS=	107.0	SIGMA=	2.0	PHAS=	-60.4	FOM=	0.83	TEST=	0
INDE	14	44	28	FOBS=	92.7	SIGMA=	2.3	PHAS=	53.4	FOM=	0.91	TEST=	0
INDE	14	44	30	FOBS=	109.7	SIGMA=	2.0	PHAS=	-89.5	FOM=	0.76	TEST=	0
INDE	14	44	32	FOBS=	95.0	SIGMA=	2.1	PHAS=	-92.1	FOM=	0.89	TEST=	0
INDE	14	44	34	FOBS=	191.0	SIGMA=	1.1	PHAS=	8.6	FOM=	0.96	TEST=	0
INDE	14	44	36	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	44	38	FOBS=	36.2	SIGMA=	5.4	PHAS=	26.0	FOM=	0.62	TEST=	0
INDE	14	44	40	FOBS=	52.4	SIGMA=	3.6	PHAS=	-62.4	FOM=	0.65	TEST=	1
INDE	14	44	42	FOBS=	60.9	SIGMA=	3.1	PHAS=	149.7	FOM=	0.56	TEST=	0
INDE	14	44	44	FOBS=	20.0	SIGMA=	11.2	PHAS=	-74.3	FOM=	0.17	TEST=	0
INDE	14	44	46	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	44	48	FOBS=	54.1	SIGMA=	4.1	PHAS=	145.1	FOM=	0.29	TEST=	0
INDE	14	44	50	FOBS=	27.2	SIGMA=	8.2	PHAS=	-41.2	FOM=	0.30	TEST=	0
INDE	14	44	52	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	44	54	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	44	56	FOBS=	18.0	SIGMA=	12.0	PHAS=	47.2	FOM=	0.41	TEST=	0
INDE	14	44	58	FOBS=	59.0	SIGMA=	3.8	PHAS=	55.8	FOM=	0.77	TEST=	0
INDE	14	44	60	FOBS=	40.6	SIGMA=	6.8	PHAS=	-141.9	FOM=	0.62	TEST=	0
INDE	14	44	62	FOBS=	0.0	SIGMA=	25.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	45	15	FOBS=	135.4	SIGMA=	1.6	PHAS=	-137.3	FOM=	0.89	TEST=	0
INDE	14	45	17	FOBS=	164.2	SIGMA=	1.4	PHAS=	-41.4	FOM=	0.69	TEST=	1
INDE	14	45	19	FOBS=	66.0	SIGMA=	3.2	PHAS=	49.5	FOM=	0.61	TEST=	0
INDE	14	45	21	FOBS=	125.3	SIGMA=	1.8	PHAS=	-42.1	FOM=	0.96	TEST=	0
INDE	14	45	23	FOBS=	11.4	SIGMA=	20.2	PHAS=	-99.8	FOM=	0.01	TEST=	1
INDE	14	45	25	FOBS=	254.1	SIGMA=	1.0	PHAS=	148.3	FOM=	0.95	TEST=	0
INDE	14	45	27	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	45	29	FOBS=	52.0	SIGMA=	4.4	PHAS=	-67.0	FOM=	0.64	TEST=	0
INDE	14	45	31	FOBS=	232.8	SIGMA=	1.1	PHAS=	138.0	FOM=	0.96	TEST=	0
INDE	14	45	33	FOBS=	128.0	SIGMA=	1.5	PHAS=	-36.0	FOM=	0.93	TEST=	1
INDE	14	45	35	FOBS=	97.7	SIGMA=	1.9	PHAS=	-139.6	FOM=	0.85	TEST=	0
INDE	14	45	37	FOBS=	90.7	SIGMA=	1.9	PHAS=	-21.4	FOM=	0.81	TEST=	0
INDE	14	45	39	FOBS=	58.8	SIGMA=	3.3	PHAS=	-41.3	FOM=	0.21	TEST=	1
INDE	14	45	41	FOBS=	38.5	SIGMA=	4.9	PHAS=	-145.8	FOM=	0.58	TEST=	0
INDE	14	45	43	FOBS=	135.1	SIGMA=	1.5	PHAS=	-140.5	FOM=	0.95	TEST=	0
INDE	14	45	45	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	45	47	FOBS=	55.5	SIGMA=	4.1	PHAS=	-108.2	FOM=	0.52	TEST=	0
INDE	14	45	49	FOBS=	35.1	SIGMA=	6.3	PHAS=	-169.8	FOM=	0.56	TEST=	0
INDE	14	45	51	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	45	53	FOBS=	73.9	SIGMA=	3.1	PHAS=	-126.8	FOM=	0.87	TEST=	0
INDE	14	45	55	FOBS=	85.9	SIGMA=	2.6	PHAS=	-130.4	FOM=	0.93	TEST=	0
INDE	14	45	57	FOBS=	28.8	SIGMA=	7.6	PHAS=	-1.2	FOM=	0.77	TEST=	0
INDE	14	45	59	FOBS=	36.8	SIGMA=	8.9	PHAS=	8.0	FOM=	0.49	TEST=	0
INDE	14	45	61	FOBS=	68.2	SIGMA=	4.2	PHAS=	136.9	FOM=	0.88	TEST=	0
INDE	14	46	14	FOBS=	163.5	SIGMA=	1.8	PHAS=	144.2	FOM=	0.89	TEST=	0
INDE	14	46	16	FOBS=	67.0	SIGMA=	3.1	PHAS=	-139.9	FOM=	0.93	TEST=	0
INDE	14	46	18	FOBS=	245.0	SIGMA=	1.0	PHAS=	-82.9	FOM=	0.96	TEST=	0
INDE	14	46	20	FOBS=	77.1	SIGMA=	2.9	PHAS=	91.6	FOM=	0.87	TEST=	0
INDE	14	46	22	FOBS=	21.7	SIGMA=	9.5	PHAS=	-113.4	FOM=	0.73	TEST=	0
INDE	14	46	24	FOBS=	64.6	SIGMA=	3.2	PHAS=	28.1	FOM=	0.93	TEST=	0

INDE	14	46	26	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	46	28	FOBS=	92.9	SIGMA=	2.3	PHAS=	-78.1	FOM=	0.76	TEST=	0
INDE	14	46	30	FOBS=	149.1	SIGMA=	1.5	PHAS=	127.9	FOM=	0.81	TEST=	0
INDE	14	46	32	FOBS=	77.2	SIGMA=	2.6	PHAS=	4.8	FOM=	0.87	TEST=	0
INDE	14	46	34	FOBS=	68.4	SIGMA=	2.9	PHAS=	-28.6	FOM=	0.83	TEST=	0
INDE	14	46	36	FOBS=	125.4	SIGMA=	1.6	PHAS=	150.6	FOM=	0.92	TEST=	0
INDE	14	46	38	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	14	46	40	FOBS=	191.2	SIGMA=	1.1	PHAS=	-133.1	FOM=	0.96	TEST=	0
INDE	14	46	42	FOBS=	226.6	SIGMA=	1.2	PHAS=	114.8	FOM=	0.97	TEST=	0
INDE	14	46	44	FOBS=	7.5	SIGMA=	28.4	PHAS=	155.8	FOM=	0.04	TEST=	0
INDE	14	46	46	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	46	48	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	46	50	FOBS=	17.0	SIGMA=	14.2	PHAS=	90.3	FOM=	0.10	TEST=	0
INDE	14	46	52	FOBS=	36.0	SIGMA=	6.1	PHAS=	-38.6	FOM=	0.26	TEST=	0
INDE	14	46	54	FOBS=	86.3	SIGMA=	2.7	PHAS=	156.3	FOM=	0.93	TEST=	0
INDE	14	46	56	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	46	58	FOBS=	61.6	SIGMA=	3.7	PHAS=	-134.0	FOM=	0.80	TEST=	0
INDE	14	46	60	FOBS=	54.1	SIGMA=	5.2	PHAS=	12.1	FOM=	0.77	TEST=	0
INDE	14	47	15	FOBS=	117.3	SIGMA=	2.4	PHAS=	174.4	FOM=	0.90	TEST=	0
INDE	14	47	17	FOBS=	181.5	SIGMA=	1.2	PHAS=	161.6	FOM=	0.95	TEST=	0
INDE	14	47	19	FOBS=	146.4	SIGMA=	1.5	PHAS=	-79.6	FOM=	0.83	TEST=	0
INDE	14	47	21	FOBS=	126.8	SIGMA=	1.7	PHAS=	-20.3	FOM=	0.87	TEST=	0
INDE	14	47	23	FOBS=	64.1	SIGMA=	3.3	PHAS=	-151.3	FOM=	0.32	TEST=	0
INDE	14	47	25	FOBS=	154.6	SIGMA=	1.4	PHAS=	123.1	FOM=	0.97	TEST=	0
INDE	14	47	27	FOBS=	26.8	SIGMA=	8.4	PHAS=	-172.5	FOM=	0.22	TEST=	0
INDE	14	47	29	FOBS=	162.2	SIGMA=	1.4	PHAS=	0.2	FOM=	0.93	TEST=	0
INDE	14	47	31	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	47	33	FOBS=	102.9	SIGMA=	1.9	PHAS=	-62.3	FOM=	0.49	TEST=	0
INDE	14	47	35	FOBS=	25.8	SIGMA=	7.6	PHAS=	-130.7	FOM=	0.02	TEST=	0
INDE	14	47	37	FOBS=	52.0	SIGMA=	3.6	PHAS=	76.3	FOM=	0.67	TEST=	0
INDE	14	47	39	FOBS=	69.2	SIGMA=	2.7	PHAS=	-124.2	FOM=	0.86	TEST=	0
INDE	14	47	41	FOBS=	90.5	SIGMA=	2.2	PHAS=	34.1	FOM=	0.91	TEST=	0
INDE	14	47	43	FOBS=	32.5	SIGMA=	6.5	PHAS=	-33.2	FOM=	0.30	TEST=	0
INDE	14	47	45	FOBS=	45.7	SIGMA=	4.2	PHAS=	108.6	FOM=	0.66	TEST=	0
INDE	14	47	47	FOBS=	53.2	SIGMA=	3.9	PHAS=	2.0	FOM=	0.39	TEST=	1
INDE	14	47	49	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	14	47	51	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	47	53	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	47	55	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	47	57	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	47	59	FOBS=	49.5	SIGMA=	5.7	PHAS=	21.3	FOM=	0.63	TEST=	0
INDE	14	48	14	FOBS=	224.6	SIGMA=	1.4	PHAS=	139.1	FOM=	0.95	TEST=	0
INDE	14	48	16	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	48	18	FOBS=	185.4	SIGMA=	1.2	PHAS=	157.8	FOM=	0.95	TEST=	0
INDE	14	48	20	FOBS=	77.3	SIGMA=	2.7	PHAS=	165.5	FOM=	0.84	TEST=	0
INDE	14	48	22	FOBS=	9.1	SIGMA=	24.4	PHAS=	102.1	FOM=	0.07	TEST=	0
INDE	14	48	24	FOBS=	101.2	SIGMA=	2.1	PHAS=	87.6	FOM=	0.91	TEST=	0
INDE	14	48	26	FOBS=	32.2	SIGMA=	6.5	PHAS=	122.8	FOM=	0.33	TEST=	1
INDE	14	48	28	FOBS=	216.7	SIGMA=	1.1	PHAS=	-123.6	FOM=	0.97	TEST=	0
INDE	14	48	30	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	48	32	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	48	34	FOBS=	76.9	SIGMA=	2.4	PHAS=	-94.5	FOM=	0.32	TEST=	0
INDE	14	48	36	FOBS=	36.2	SIGMA=	5.1	PHAS=	-155.8	FOM=	0.29	TEST=	0
INDE	14	48	38	FOBS=	44.9	SIGMA=	4.2	PHAS=	142.9	FOM=	0.73	TEST=	0
INDE	14	48	40	FOBS=	141.3	SIGMA=	1.5	PHAS=	-152.9	FOM=	0.95	TEST=	0
INDE	14	48	42	FOBS=	33.2	SIGMA=	6.2	PHAS=	-129.2	FOM=	0.57	TEST=	0
INDE	14	48	44	FOBS=	48.9	SIGMA=	3.9	PHAS=	-36.3	FOM=	0.69	TEST=	0
INDE	14	48	46	FOBS=	40.4	SIGMA=	4.7	PHAS=	-77.3	FOM=	0.57	TEST=	0
INDE	14	48	48	FOBS=	71.6	SIGMA=	2.9	PHAS=	-133.6	FOM=	0.81	TEST=	0
INDE	14	48	50	FOBS=	74.4	SIGMA=	3.1	PHAS=	162.9	FOM=	0.81	TEST=	0
INDE	14	48	52	FOBS=	33.7	SIGMA=	6.6	PHAS=	153.4	FOM=	0.56	TEST=	0
INDE	14	48	54	FOBS=	66.6	SIGMA=	3.4	PHAS=	16.1	FOM=	0.69	TEST=	0
INDE	14	48	56	FOBS=	24.4	SIGMA=	11.1	PHAS=	27.5	FOM=	0.50	TEST=	0
INDE	14	48	58	FOBS=	50.6	SIGMA=	5.6	PHAS=	-110.0	FOM=	0.11	TEST=	1
INDE	14	49	15	FOBS=	27.0	SIGMA=	9.9	PHAS=	57.2	FOM=	0.49	TEST=	0
INDE	14	49	17	FOBS=	177.5	SIGMA=	1.3	PHAS=	77.9	FOM=	0.95	TEST=	0
INDE	14	49	19	FOBS=	130.9	SIGMA=	1.6	PHAS=	54.1	FOM=	0.79	TEST=	0
INDE	14	49	21	FOBS=	160.5	SIGMA=	1.5	PHAS=	-6.8	FOM=	0.91	TEST=	0
INDE	14	49	23	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	49	25	FOBS=	97.7	SIGMA=	2.2	PHAS=	-126.0	FOM=	0.54	TEST=	0

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INDE	14	49	27	FOBS=	71.0	SIGMA=	3.0	PHAS=	29.1	FOM=	0.88	TEST=	0
INDE	14	49	29	FOBS=	49.3	SIGMA=	4.3	PHAS=	-119.9	FOM=	0.75	TEST=	0
INDE	14	49	31	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	49	33	FOBS=	98.3	SIGMA=	2.2	PHAS=	38.1	FOM=	0.79	TEST=	0
INDE	14	49	35	FOBS=	117.3	SIGMA=	1.6	PHAS=	-156.2	FOM=	0.92	TEST=	0
INDE	14	49	37	FOBS=	127.3	SIGMA=	1.5	PHAS=	101.8	FOM=	0.93	TEST=	0
INDE	14	49	39	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	49	41	FOBS=	110.9	SIGMA=	1.8	PHAS=	75.5	FOM=	0.88	TEST=	0
INDE	14	49	43	FOBS=	130.4	SIGMA=	1.5	PHAS=	125.2	FOM=	0.90	TEST=	0
INDE	14	49	45	FOBS=	47.5	SIGMA=	4.3	PHAS=	-114.5	FOM=	0.52	TEST=	0
INDE	14	49	47	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	49	49	FOBS=	77.9	SIGMA=	2.7	PHAS=	86.3	FOM=	0.83	TEST=	0
INDE	14	49	51	FOBS=	64.7	SIGMA=	3.5	PHAS=	85.2	FOM=	0.50	TEST=	0
INDE	14	49	53	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	49	55	FOBS=	56.3	SIGMA=	4.1	PHAS=	-28.9	FOM=	0.14	TEST=	1
INDE	14	49	57	FOBS=	77.3	SIGMA=	3.7	PHAS=	-55.5	FOM=	0.77	TEST=	0
INDE	14	50	14	FOBS=	12.5	SIGMA=	30.6	PHAS=	-111.7	FOM=	0.05	TEST=	0
INDE	14	50	16	FOBS=	174.9	SIGMA=	1.6	PHAS=	-5.0	FOM=	0.75	TEST=	1
INDE	14	50	18	FOBS=	104.2	SIGMA=	2.0	PHAS=	-150.9	FOM=	0.61	TEST=	0
INDE	14	50	20	FOBS=	47.4	SIGMA=	4.7	PHAS=	-21.1	FOM=	0.35	TEST=	0
INDE	14	50	22	FOBS=	109.7	SIGMA=	1.9	PHAS=	171.7	FOM=	0.78	TEST=	0
INDE	14	50	24	FOBS=	115.0	SIGMA=	1.9	PHAS=	156.2	FOM=	0.89	TEST=	0
INDE	14	50	26	FOBS=	107.7	SIGMA=	2.0	PHAS=	-121.4	FOM=	0.90	TEST=	0
INDE	14	50	28	FOBS=	126.2	SIGMA=	1.7	PHAS=	-88.0	FOM=	0.86	TEST=	0
INDE	14	50	30	FOBS=	50.6	SIGMA=	4.1	PHAS=	179.6	FOM=	0.24	TEST=	1
INDE	14	50	32	FOBS=	90.9	SIGMA=	2.4	PHAS=	-75.3	FOM=	0.89	TEST=	0
INDE	14	50	34	FOBS=	47.2	SIGMA=	4.2	PHAS=	99.0	FOM=	0.87	TEST=	0
INDE	14	50	36	FOBS=	102.6	SIGMA=	1.8	PHAS=	52.4	FOM=	0.91	TEST=	0
INDE	14	50	38	FOBS=	38.7	SIGMA=	4.8	PHAS=	178.2	FOM=	0.31	TEST=	0
INDE	14	50	40	FOBS=	54.7	SIGMA=	3.1	PHAS=	22.1	FOM=	0.61	TEST=	0
INDE	14	50	42	FOBS=	95.6	SIGMA=	2.1	PHAS=	-86.8	FOM=	0.83	TEST=	0
INDE	14	50	44	FOBS=	111.8	SIGMA=	1.8	PHAS=	-87.1	FOM=	0.08	TEST=	1
INDE	14	50	46	FOBS=	70.4	SIGMA=	2.8	PHAS=	-124.1	FOM=	0.78	TEST=	0
INDE	14	50	48	FOBS=	23.1	SIGMA=	9.8	PHAS=	-137.5	FOM=	0.17	TEST=	0
INDE	14	50	50	FOBS=	19.6	SIGMA=	11.3	PHAS=	145.6	FOM=	0.38	TEST=	0
INDE	14	50	52	FOBS=	34.4	SIGMA=	6.6	PHAS=	-161.2	FOM=	0.54	TEST=	0
INDE	14	50	54	FOBS=	50.5	SIGMA=	4.5	PHAS=	-17.5	FOM=	0.18	TEST=	1
INDE	14	50	56	FOBS=	51.7	SIGMA=	5.4	PHAS=	-54.7	FOM=	0.42	TEST=	0
INDE	14	51	15	FOBS=	84.8	SIGMA=	3.2	PHAS=	-134.6	FOM=	0.80	TEST=	0
INDE	14	51	17	FOBS=	241.2	SIGMA=	1.1	PHAS=	-33.2	FOM=	0.95	TEST=	0
INDE	14	51	19	FOBS=	100.0	SIGMA=	2.1	PHAS=	-34.2	FOM=	0.19	TEST=	1
INDE	14	51	21	FOBS=	41.4	SIGMA=	5.7	PHAS=	-105.1	FOM=	0.29	TEST=	1
INDE	14	51	23	FOBS=	181.4	SIGMA=	1.2	PHAS=	98.8	FOM=	0.76	TEST=	1
INDE	14	51	25	FOBS=	85.3	SIGMA=	2.4	PHAS=	106.8	FOM=	0.93	TEST=	0
INDE	14	51	27	FOBS=	84.6	SIGMA=	2.5	PHAS=	-57.8	FOM=	0.91	TEST=	0
INDE	14	51	29	FOBS=	51.5	SIGMA=	4.0	PHAS=	-166.3	FOM=	0.19	TEST=	0
INDE	14	51	31	FOBS=	61.2	SIGMA=	3.4	PHAS=	158.0	FOM=	0.69	TEST=	0
INDE	14	51	33	FOBS=	76.2	SIGMA=	2.7	PHAS=	-21.7	FOM=	0.54	TEST=	1
INDE	14	51	35	FOBS=	96.4	SIGMA=	2.0	PHAS=	37.7	FOM=	0.78	TEST=	0
INDE	14	51	37	FOBS=	110.2	SIGMA=	1.7	PHAS=	108.5	FOM=	0.93	TEST=	0
INDE	14	51	39	FOBS=	83.3	SIGMA=	2.3	PHAS=	-84.4	FOM=	0.88	TEST=	0
INDE	14	51	41	FOBS=	93.2	SIGMA=	1.9	PHAS=	175.3	FOM=	0.88	TEST=	0
INDE	14	51	43	FOBS=	51.6	SIGMA=	3.8	PHAS=	171.6	FOM=	0.33	TEST=	0
INDE	14	51	45	FOBS=	100.3	SIGMA=	2.0	PHAS=	-130.9	FOM=	0.92	TEST=	0
INDE	14	51	47	FOBS=	21.3	SIGMA=	9.0	PHAS=	131.1	FOM=	0.54	TEST=	0
INDE	14	51	49	FOBS=	64.7	SIGMA=	3.3	PHAS=	77.6	FOM=	0.83	TEST=	0
INDE	14	51	51	FOBS=	120.4	SIGMA=	2.0	PHAS=	120.2	FOM=	0.94	TEST=	0
INDE	14	51	53	FOBS=	34.4	SIGMA=	8.3	PHAS=	178.5	FOM=	0.67	TEST=	0
INDE	14	51	55	FOBS=	78.0	SIGMA=	3.7	PHAS=	157.5	FOM=	0.89	TEST=	0
INDE	14	51	57	FOBS=	45.2	SIGMA=	9.3	PHAS=	178.3	FOM=	0.80	TEST=	0
INDE	14	52	14	FOBS=	71.8	SIGMA=	3.7	PHAS=	147.8	FOM=	0.81	TEST=	0
INDE	14	52	16	FOBS=	161.8	SIGMA=	1.7	PHAS=	-177.9	FOM=	0.93	TEST=	0
INDE	14	52	18	FOBS=	118.3	SIGMA=	1.7	PHAS=	-139.6	FOM=	0.91	TEST=	0
INDE	14	52	20	FOBS=	155.5	SIGMA=	1.4	PHAS=	142.9	FOM=	0.78	TEST=	0
INDE	14	52	22	FOBS=	76.1	SIGMA=	2.7	PHAS=	41.2	FOM=	0.72	TEST=	0
INDE	14	52	24	FOBS=	125.8	SIGMA=	1.7	PHAS=	0.0	FOM=	0.83	TEST=	0
INDE	14	52	26	FOBS=	134.9	SIGMA=	1.6	PHAS=	-120.4	FOM=	0.91	TEST=	0
INDE	14	52	28	FOBS=	87.0	SIGMA=	2.4	PHAS=	-121.4	FOM=	0.62	TEST=	1
INDE	14	52	30	FOBS=	30.1	SIGMA=	7.3	PHAS=	140.7	FOM=	0.33	TEST=	0
INDE	14	52	32	FOBS=	38.6	SIGMA=	5.8	PHAS=	-10.9	FOM=	0.59	TEST=	0

INDE	14	52	34	FOBS=	58.4	SIGMA=	3.5	PHAS=	68.0	FOM=	0.22	TEST=	1
INDE	14	52	36	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	52	38	FOBS=	78.6	SIGMA=	2.4	PHAS=	173.9	FOM=	0.88	TEST=	0
INDE	14	52	40	FOBS=	62.9	SIGMA=	3.0	PHAS=	81.7	FOM=	0.83	TEST=	0
INDE	14	52	42	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	52	44	FOBS=	96.8	SIGMA=	2.1	PHAS=	-176.4	FOM=	0.68	TEST=	0
INDE	14	52	46	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	52	48	FOBS=	65.1	SIGMA=	3.3	PHAS=	65.5	FOM=	0.85	TEST=	0
INDE	14	52	50	FOBS=	70.1	SIGMA=	3.3	PHAS=	71.4	FOM=	0.85	TEST=	0
INDE	14	52	52	FOBS=	86.3	SIGMA=	2.7	PHAS=	32.5	FOM=	0.93	TEST=	0
INDE	14	52	54	FOBS=	98.7	SIGMA=	3.6	PHAS=	63.9	FOM=	0.95	TEST=	0
INDE	14	52	56	FOBS=	78.3	SIGMA=	4.5	PHAS=	52.4	FOM=	0.92	TEST=	0
INDE	14	53	15	FOBS=	103.4	SIGMA=	2.6	PHAS=	83.5	FOM=	0.93	TEST=	0
INDE	14	53	17	FOBS=	100.7	SIGMA=	2.6	PHAS=	10.2	FOM=	0.87	TEST=	0
INDE	14	53	19	FOBS=	116.1	SIGMA=	1.8	PHAS=	166.3	FOM=	0.82	TEST=	0
INDE	14	53	21	FOBS=	155.7	SIGMA=	1.4	PHAS=	66.8	FOM=	0.91	TEST=	0
INDE	14	53	23	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	53	25	FOBS=	61.8	SIGMA=	3.3	PHAS=	-97.6	FOM=	0.90	TEST=	0
INDE	14	53	27	FOBS=	79.4	SIGMA=	2.6	PHAS=	-168.2	FOM=	0.92	TEST=	0
INDE	14	53	29	FOBS=	18.2	SIGMA=	11.0	PHAS=	76.6	FOM=	0.05	TEST=	0
INDE	14	53	31	FOBS=	60.1	SIGMA=	3.4	PHAS=	-31.1	FOM=	0.90	TEST=	0
INDE	14	53	33	FOBS=	70.1	SIGMA=	2.9	PHAS=	-112.1	FOM=	0.80	TEST=	0
INDE	14	53	35	FOBS=	55.3	SIGMA=	3.7	PHAS=	-158.4	FOM=	0.03	TEST=	1
INDE	14	53	37	FOBS=	41.5	SIGMA=	4.4	PHAS=	127.0	FOM=	0.16	TEST=	0
INDE	14	53	39	FOBS=	41.3	SIGMA=	4.5	PHAS=	43.7	FOM=	0.64	TEST=	0
INDE	14	53	41	FOBS=	66.5	SIGMA=	2.6	PHAS=	111.1	FOM=	0.66	TEST=	0
INDE	14	53	43	FOBS=	24.7	SIGMA=	8.1	PHAS=	-124.7	FOM=	0.13	TEST=	0
INDE	14	53	45	FOBS=	19.4	SIGMA=	10.0	PHAS=	113.8	FOM=	0.36	TEST=	0
INDE	14	53	47	FOBS=	35.9	SIGMA=	6.7	PHAS=	16.3	FOM=	0.73	TEST=	0
INDE	14	53	49	FOBS=	30.1	SIGMA=	8.6	PHAS=	10.2	FOM=	0.29	TEST=	0
INDE	14	53	51	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	53	53	FOBS=	129.4	SIGMA=	2.8	PHAS=	-42.4	FOM=	0.96	TEST=	0
INDE	14	53	55	FOBS=	89.8	SIGMA=	5.1	PHAS=	-34.1	FOM=	0.90	TEST=	0
INDE	14	54	14	FOBS=	139.4	SIGMA=	2.0	PHAS=	-41.3	FOM=	0.93	TEST=	0
INDE	14	54	16	FOBS=	124.0	SIGMA=	2.2	PHAS=	110.9	FOM=	0.92	TEST=	0
INDE	14	54	18	FOBS=	84.9	SIGMA=	3.1	PHAS=	-86.0	FOM=	0.59	TEST=	0
INDE	14	54	20	FOBS=	151.8	SIGMA=	1.4	PHAS=	-150.7	FOM=	0.83	TEST=	0
INDE	14	54	22	FOBS=	158.6	SIGMA=	1.5	PHAS=	75.2	FOM=	0.83	TEST=	0
INDE	14	54	24	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	14	54	26	FOBS=	95.9	SIGMA=	2.2	PHAS=	131.6	FOM=	0.85	TEST=	0
INDE	14	54	28	FOBS=	41.9	SIGMA=	4.8	PHAS=	-65.4	FOM=	0.20	TEST=	0
INDE	14	54	30	FOBS=	52.4	SIGMA=	3.9	PHAS=	-101.7	FOM=	0.73	TEST=	0
INDE	14	54	32	FOBS=	54.3	SIGMA=	3.7	PHAS=	-120.4	FOM=	0.27	TEST=	0
INDE	14	54	34	FOBS=	47.7	SIGMA=	4.3	PHAS=	167.5	FOM=	0.70	TEST=	0
INDE	14	54	36	FOBS=	105.7	SIGMA=	1.9	PHAS=	151.7	FOM=	0.93	TEST=	0
INDE	14	54	38	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	54	40	FOBS=	89.8	SIGMA=	2.1	PHAS=	-35.4	FOM=	0.78	TEST=	0
INDE	14	54	42	FOBS=	26.6	SIGMA=	6.4	PHAS=	169.6	FOM=	0.18	TEST=	0
INDE	14	54	44	FOBS=	84.9	SIGMA=	2.1	PHAS=	17.9	FOM=	0.86	TEST=	0
INDE	14	54	46	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	54	48	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	54	50	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	54	52	FOBS=	0.0	SIGMA=	26.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	54	54	FOBS=	65.0	SIGMA=	7.1	PHAS=	-123.8	FOM=	0.85	TEST=	0
INDE	14	55	15	FOBS=	53.0	SIGMA=	4.8	PHAS=	-47.0	FOM=	0.43	TEST=	0
INDE	14	55	17	FOBS=	96.9	SIGMA=	2.7	PHAS=	-101.2	FOM=	0.27	TEST=	1
INDE	14	55	19	FOBS=	114.1	SIGMA=	1.8	PHAS=	142.9	FOM=	0.69	TEST=	1
INDE	14	55	21	FOBS=	173.7	SIGMA=	1.2	PHAS=	74.1	FOM=	0.95	TEST=	0
INDE	14	55	23	FOBS=	124.9	SIGMA=	1.7	PHAS=	40.6	FOM=	0.92	TEST=	0
INDE	14	55	25	FOBS=	114.8	SIGMA=	1.8	PHAS=	-67.1	FOM=	0.83	TEST=	0
INDE	14	55	27	FOBS=	36.8	SIGMA=	5.4	PHAS=	-140.9	FOM=	0.39	TEST=	0
INDE	14	55	29	FOBS=	34.9	SIGMA=	6.9	PHAS=	-147.8	FOM=	0.17	TEST=	0
INDE	14	55	31	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	14	55	33	FOBS=	24.8	SIGMA=	8.8	PHAS=	131.7	FOM=	0.26	TEST=	0
INDE	14	55	35	FOBS=	74.9	SIGMA=	2.8	PHAS=	54.4	FOM=	0.91	TEST=	0
INDE	14	55	37	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	55	39	FOBS=	23.0	SIGMA=	9.4	PHAS=	139.3	FOM=	0.37	TEST=	0
INDE	14	55	41	FOBS=	45.4	SIGMA=	4.4	PHAS=	24.8	FOM=	0.22	TEST=	0
INDE	14	55	43	FOBS=	26.5	SIGMA=	6.9	PHAS=	-112.4	FOM=	0.39	TEST=	0
INDE	14	55	45	FOBS=	90.8	SIGMA=	2.3	PHAS=	-31.1	FOM=	0.91	TEST=	0

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INDE	14	55	47	FOBS=	0.0	SIGMA=	25.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	55	49	FOBS=	42.0	SIGMA=	7.5	PHAS=	-72.6	FOM=	0.19	TEST=	0
INDE	14	55	51	FOBS=	0.0	SIGMA=	26.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	14	55	53	FOBS=	0.0	SIGMA=	29.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	56	14	FOBS=	30.2	SIGMA=	6.6	PHAS=	-161.6	FOM=	0.75	TEST=	0
INDE	14	56	16	FOBS=	81.2	SIGMA=	3.2	PHAS=	49.5	FOM=	0.88	TEST=	0
INDE	14	56	18	FOBS=	120.6	SIGMA=	2.2	PHAS=	42.9	FOM=	0.92	TEST=	0
INDE	14	56	20	FOBS=	75.6	SIGMA=	2.6	PHAS=	-103.1	FOM=	0.17	TEST=	0
INDE	14	56	22	FOBS=	98.7	SIGMA=	2.2	PHAS=	-17.7	FOM=	0.93	TEST=	0
INDE	14	56	24	FOBS=	104.1	SIGMA=	2.0	PHAS=	-151.9	FOM=	0.71	TEST=	1
INDE	14	56	26	FOBS=	72.0	SIGMA=	2.8	PHAS=	-150.7	FOM=	0.84	TEST=	0
INDE	14	56	28	FOBS=	34.1	SIGMA=	5.8	PHAS=	151.0	FOM=	0.16	TEST=	1
INDE	14	56	30	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	56	32	FOBS=	69.0	SIGMA=	2.9	PHAS=	17.9	FOM=	0.51	TEST=	0
INDE	14	56	34	FOBS=	64.6	SIGMA=	3.2	PHAS=	-108.7	FOM=	0.11	TEST=	1
INDE	14	56	36	FOBS=	7.6	SIGMA=	33.7	PHAS=	136.6	FOM=	0.10	TEST=	0
INDE	14	56	38	FOBS=	79.6	SIGMA=	2.5	PHAS=	53.0	FOM=	0.82	TEST=	0
INDE	14	56	40	FOBS=	50.3	SIGMA=	4.3	PHAS=	-72.0	FOM=	0.73	TEST=	0
INDE	14	56	42	FOBS=	11.1	SIGMA=	19.9	PHAS=	-76.1	FOM=	0.10	TEST=	0
INDE	14	56	44	FOBS=	23.9	SIGMA=	10.0	PHAS=	39.0	FOM=	0.02	TEST=	1
INDE	14	56	46	FOBS=	59.4	SIGMA=	3.8	PHAS=	-113.0	FOM=	0.81	TEST=	0
INDE	14	56	48	FOBS=	57.6	SIGMA=	4.7	PHAS=	-91.5	FOM=	0.74	TEST=	0
INDE	14	56	50	FOBS=	0.0	SIGMA=	27.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	56	52	FOBS=	43.2	SIGMA=	14.6	PHAS=	51.2	FOM=	0.72	TEST=	0
INDE	14	57	15	FOBS=	0.0	SIGMA=	26.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	57	17	FOBS=	108.0	SIGMA=	2.5	PHAS=	55.9	FOM=	0.94	TEST=	0
INDE	14	57	19	FOBS=	128.6	SIGMA=	2.1	PHAS=	56.8	FOM=	0.96	TEST=	0
INDE	14	57	21	FOBS=	77.5	SIGMA=	2.6	PHAS=	-110.4	FOM=	0.85	TEST=	0
INDE	14	57	23	FOBS=	31.4	SIGMA=	6.1	PHAS=	-176.5	FOM=	0.39	TEST=	0
INDE	14	57	25	FOBS=	40.4	SIGMA=	4.9	PHAS=	57.5	FOM=	0.53	TEST=	0
INDE	14	57	27	FOBS=	53.7	SIGMA=	4.1	PHAS=	-84.2	FOM=	0.32	TEST=	1
INDE	14	57	29	FOBS=	28.4	SIGMA=	7.8	PHAS=	-152.7	FOM=	0.20	TEST=	0
INDE	14	57	31	FOBS=	100.3	SIGMA=	2.1	PHAS=	36.1	FOM=	0.59	TEST=	0
INDE	14	57	33	FOBS=	22.9	SIGMA=	9.6	PHAS=	-40.1	FOM=	0.21	TEST=	0
INDE	14	57	35	FOBS=	51.2	SIGMA=	4.9	PHAS=	37.5	FOM=	0.71	TEST=	0
INDE	14	57	37	FOBS=	52.9	SIGMA=	4.9	PHAS=	-72.9	FOM=	0.76	TEST=	0
INDE	14	57	39	FOBS=	21.5	SIGMA=	10.8	PHAS=	137.5	FOM=	0.24	TEST=	0
INDE	14	57	41	FOBS=	23.5	SIGMA=	9.3	PHAS=	-120.7	FOM=	0.38	TEST=	0
INDE	14	57	43	FOBS=	84.9	SIGMA=	2.3	PHAS=	91.3	FOM=	0.84	TEST=	0
INDE	14	57	45	FOBS=	79.7	SIGMA=	2.6	PHAS=	-34.6	FOM=	0.93	TEST=	0
INDE	14	57	47	FOBS=	69.0	SIGMA=	3.3	PHAS=	-175.5	FOM=	0.90	TEST=	0
INDE	14	57	49	FOBS=	46.0	SIGMA=	7.9	PHAS=	-164.5	FOM=	0.88	TEST=	0
INDE	14	57	51	FOBS=	98.0	SIGMA=	6.7	PHAS=	-48.1	FOM=	0.75	TEST=	0
INDE	14	58	14	FOBS=	112.3	SIGMA=	1.5	PHAS=	15.1	FOM=	0.89	TEST=	0
INDE	14	58	16	FOBS=	139.3	SIGMA=	1.9	PHAS=	-27.5	FOM=	0.96	TEST=	0
INDE	14	58	18	FOBS=	193.7	SIGMA=	1.5	PHAS=	-22.6	FOM=	0.96	TEST=	0
INDE	14	58	20	FOBS=	116.3	SIGMA=	2.2	PHAS=	-65.6	FOM=	0.92	TEST=	0
INDE	14	58	22	FOBS=	40.8	SIGMA=	5.1	PHAS=	-165.9	FOM=	0.49	TEST=	0
INDE	14	58	24	FOBS=	98.0	SIGMA=	2.1	PHAS=	-123.8	FOM=	0.91	TEST=	0
INDE	14	58	26	FOBS=	135.0	SIGMA=	1.6	PHAS=	-41.7	FOM=	0.88	TEST=	0
INDE	14	58	28	FOBS=	59.8	SIGMA=	3.7	PHAS=	-106.2	FOM=	0.26	TEST=	0
INDE	14	58	30	FOBS=	84.9	SIGMA=	2.9	PHAS=	160.0	FOM=	0.25	TEST=	1
INDE	14	58	32	FOBS=	56.0	SIGMA=	4.4	PHAS=	-54.6	FOM=	0.81	TEST=	0
INDE	14	58	34	FOBS=	58.9	SIGMA=	4.2	PHAS=	-82.1	FOM=	0.66	TEST=	0
INDE	14	58	36	FOBS=	23.4	SIGMA=	10.7	PHAS=	-104.3	FOM=	0.26	TEST=	0
INDE	14	58	38	FOBS=	80.4	SIGMA=	2.7	PHAS=	106.4	FOM=	0.26	TEST=	1
INDE	14	58	40	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	58	42	FOBS=	56.5	SIGMA=	3.9	PHAS=	-56.0	FOM=	0.07	TEST=	1
INDE	14	58	44	FOBS=	38.0	SIGMA=	6.1	PHAS=	-162.8	FOM=	0.14	TEST=	0
INDE	14	58	46	FOBS=	61.0	SIGMA=	3.8	PHAS=	151.7	FOM=	0.85	TEST=	0
INDE	14	58	48	FOBS=	37.7	SIGMA=	7.2	PHAS=	95.9	FOM=	0.52	TEST=	0
INDE	14	59	15	FOBS=	150.2	SIGMA=	1.3	PHAS=	-101.1	FOM=	0.95	TEST=	0
INDE	14	59	17	FOBS=	48.6	SIGMA=	5.2	PHAS=	176.1	FOM=	0.74	TEST=	0
INDE	14	59	19	FOBS=	91.7	SIGMA=	2.8	PHAS=	-162.1	FOM=	0.90	TEST=	0
INDE	14	59	21	FOBS=	112.3	SIGMA=	1.8	PHAS=	-120.9	FOM=	0.95	TEST=	0
INDE	14	59	23	FOBS=	79.4	SIGMA=	2.5	PHAS=	-124.2	FOM=	0.90	TEST=	0
INDE	14	59	25	FOBS=	186.2	SIGMA=	1.4	PHAS=	-148.3	FOM=	0.95	TEST=	0
INDE	14	59	27	FOBS=	54.2	SIGMA=	4.5	PHAS=	-99.3	FOM=	0.66	TEST=	0
INDE	14	59	29	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	59	31	FOBS=	80.1	SIGMA=	3.1	PHAS=	-113.7	FOM=	0.89	TEST=	0

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INDE	14	59	33	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	59	35	FOBS=	64.7	SIGMA=	3.9	PHAS=	-147.8	FOM=	0.68	TEST=	0
INDE	14	59	37	FOBS=	106.8	SIGMA=	2.5	PHAS=	-69.6	FOM=	0.94	TEST=	0
INDE	14	59	39	FOBS=	90.5	SIGMA=	2.5	PHAS=	100.6	FOM=	0.30	TEST=	1
INDE	14	59	41	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	59	43	FOBS=	57.8	SIGMA=	3.9	PHAS=	103.6	FOM=	0.88	TEST=	0
INDE	14	59	45	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	59	47	FOBS=	0.0	SIGMA=	24.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	14	60	14	FOBS=	18.9	SIGMA=	10.5	PHAS=	20.1	FOM=	0.38	TEST=	0
INDE	14	60	16	FOBS=	47.9	SIGMA=	3.9	PHAS=	-83.9	FOM=	0.70	TEST=	0
INDE	14	60	18	FOBS=	48.8	SIGMA=	4.9	PHAS=	-133.1	FOM=	0.62	TEST=	0
INDE	14	60	20	FOBS=	50.7	SIGMA=	5.6	PHAS=	121.6	FOM=	0.61	TEST=	0
INDE	14	60	22	FOBS=	116.2	SIGMA=	2.1	PHAS=	174.0	FOM=	0.95	TEST=	0
INDE	14	60	24	FOBS=	53.5	SIGMA=	4.3	PHAS=	-173.7	FOM=	0.88	TEST=	0
INDE	14	60	26	FOBS=	96.4	SIGMA=	2.5	PHAS=	-169.7	FOM=	0.92	TEST=	0
INDE	14	60	28	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	14	60	30	FOBS=	91.7	SIGMA=	2.7	PHAS=	134.4	FOM=	0.87	TEST=	0
INDE	14	60	32	FOBS=	65.3	SIGMA=	3.8	PHAS=	-147.5	FOM=	0.89	TEST=	0
INDE	14	60	34	FOBS=	51.6	SIGMA=	4.8	PHAS=	23.1	FOM=	0.57	TEST=	0
INDE	14	60	36	FOBS=	126.3	SIGMA=	2.1	PHAS=	127.7	FOM=	0.17	TEST=	1
INDE	14	60	38	FOBS=	41.3	SIGMA=	6.3	PHAS=	146.0	FOM=	0.76	TEST=	0
INDE	14	60	40	FOBS=	68.5	SIGMA=	3.3	PHAS=	20.8	FOM=	0.89	TEST=	0
INDE	14	60	42	FOBS=	38.7	SIGMA=	6.4	PHAS=	-74.7	FOM=	0.60	TEST=	0
INDE	14	60	44	FOBS=	28.1	SIGMA=	11.1	PHAS=	78.9	FOM=	0.23	TEST=	0
INDE	14	60	46	FOBS=	44.5	SIGMA=	9.5	PHAS=	135.3	FOM=	0.73	TEST=	0
INDE	14	61	15	FOBS=	17.7	SIGMA=	15.7	PHAS=	-39.4	FOM=	0.39	TEST=	0
INDE	14	61	17	FOBS=	75.7	SIGMA=	3.8	PHAS=	163.6	FOM=	0.85	TEST=	0
INDE	14	61	19	FOBS=	63.0	SIGMA=	5.4	PHAS=	139.9	FOM=	0.84	TEST=	0
INDE	14	61	21	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	61	23	FOBS=	13.4	SIGMA=	19.7	PHAS=	-167.6	FOM=	0.65	TEST=	0
INDE	14	61	25	FOBS=	70.6	SIGMA=	3.3	PHAS=	-94.3	FOM=	0.14	TEST=	1
INDE	14	61	27	FOBS=	61.2	SIGMA=	3.9	PHAS=	-170.6	FOM=	0.61	TEST=	0
INDE	14	61	29	FOBS=	41.3	SIGMA=	5.9	PHAS=	-7.4	FOM=	0.65	TEST=	0
INDE	14	61	31	FOBS=	26.0	SIGMA=	9.5	PHAS=	-105.5	FOM=	0.46	TEST=	0
INDE	14	61	33	FOBS=	52.2	SIGMA=	4.8	PHAS=	96.7	FOM=	0.14	TEST=	0
INDE	14	61	35	FOBS=	78.1	SIGMA=	3.3	PHAS=	36.4	FOM=	0.83	TEST=	0
INDE	14	61	37	FOBS=	46.4	SIGMA=	5.6	PHAS=	-177.9	FOM=	0.41	TEST=	0
INDE	14	61	39	FOBS=	43.2	SIGMA=	5.6	PHAS=	41.0	FOM=	0.72	TEST=	0
INDE	14	61	41	FOBS=	59.1	SIGMA=	3.8	PHAS=	0.0	FOM=	0.78	TEST=	0
INDE	14	61	43	FOBS=	53.7	SIGMA=	5.9	PHAS=	141.9	FOM=	0.80	TEST=	0
INDE	14	61	45	FOBS=	16.7	SIGMA=	18.3	PHAS=	18.9	FOM=	0.33	TEST=	0
INDE	14	62	14	FOBS=	64.1	SIGMA=	3.6	PHAS=	-150.5	FOM=	0.24	TEST=	0
INDE	14	62	16	FOBS=	39.6	SIGMA=	5.0	PHAS=	-49.9	FOM=	0.76	TEST=	0
INDE	14	62	18	FOBS=	28.9	SIGMA=	11.6	PHAS=	97.8	FOM=	0.21	TEST=	0
INDE	14	62	20	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	62	22	FOBS=	35.9	SIGMA=	9.5	PHAS=	-27.5	FOM=	0.44	TEST=	0
INDE	14	62	24	FOBS=	45.2	SIGMA=	5.9	PHAS=	-87.5	FOM=	0.54	TEST=	0
INDE	14	62	26	FOBS=	50.7	SIGMA=	4.6	PHAS=	142.9	FOM=	0.41	TEST=	0
INDE	14	62	28	FOBS=	57.0	SIGMA=	4.9	PHAS=	55.7	FOM=	0.66	TEST=	0
INDE	14	62	30	FOBS=	56.2	SIGMA=	5.1	PHAS=	-152.5	FOM=	0.84	TEST=	0
INDE	14	62	32	FOBS=	54.4	SIGMA=	5.3	PHAS=	179.8	FOM=	0.75	TEST=	0
INDE	14	62	34	FOBS=	32.6	SIGMA=	8.8	PHAS=	67.3	FOM=	0.58	TEST=	0
INDE	14	62	36	FOBS=	54.9	SIGMA=	5.3	PHAS=	7.1	FOM=	0.84	TEST=	0
INDE	14	62	38	FOBS=	50.4	SIGMA=	6.0	PHAS=	34.9	FOM=	0.75	TEST=	0
INDE	14	62	40	FOBS=	26.9	SIGMA=	9.1	PHAS=	-71.1	FOM=	0.45	TEST=	0
INDE	14	62	42	FOBS=	0.0	SIGMA=	28.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	62	44	FOBS=	0.0	SIGMA=	33.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	63	15	FOBS=	56.2	SIGMA=	4.1	PHAS=	-49.8	FOM=	0.69	TEST=	1
INDE	14	63	17	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	63	19	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	63	21	FOBS=	74.6	SIGMA=	4.6	PHAS=	-90.8	FOM=	0.90	TEST=	0
INDE	14	63	23	FOBS=	82.4	SIGMA=	3.3	PHAS=	-102.5	FOM=	0.87	TEST=	0
INDE	14	63	25	FOBS=	41.2	SIGMA=	6.6	PHAS=	-116.2	FOM=	0.74	TEST=	0
INDE	14	63	27	FOBS=	69.3	SIGMA=	4.0	PHAS=	-141.4	FOM=	0.79	TEST=	0
INDE	14	63	29	FOBS=	45.3	SIGMA=	6.3	PHAS=	52.9	FOM=	0.73	TEST=	0
INDE	14	63	31	FOBS=	83.2	SIGMA=	3.5	PHAS=	30.7	FOM=	0.83	TEST=	0
INDE	14	63	33	FOBS=	35.6	SIGMA=	8.1	PHAS=	-13.4	FOM=	0.56	TEST=	0
INDE	14	63	35	FOBS=	27.1	SIGMA=	10.7	PHAS=	-81.5	FOM=	0.07	TEST=	1
INDE	14	63	37	FOBS=	59.3	SIGMA=	5.0	PHAS=	-113.1	FOM=	0.78	TEST=	0
INDE	14	63	39	FOBS=	56.0	SIGMA=	5.5	PHAS=	-8.1	FOM=	0.74	TEST=	0

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INDE	14	63	41	FOBS=	0.0	SIGMA=	26.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	63	43	FOBS=	0.0	SIGMA=	25.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	64	14	FOBS=	92.1	SIGMA=	2.4	PHAS=	109.4	FOM=	0.65	TEST=	0
INDE	14	64	16	FOBS=	56.4	SIGMA=	3.1	PHAS=	-50.1	FOM=	0.74	TEST=	0
INDE	14	64	18	FOBS=	24.7	SIGMA=	13.6	PHAS=	148.4	FOM=	0.32	TEST=	0
INDE	14	64	20	FOBS=	128.7	SIGMA=	2.8	PHAS=	169.6	FOM=	0.91	TEST=	0
INDE	14	64	22	FOBS=	97.7	SIGMA=	3.6	PHAS=	-123.0	FOM=	0.85	TEST=	0
INDE	14	64	24	FOBS=	61.5	SIGMA=	4.4	PHAS=	-157.8	FOM=	0.37	TEST=	1
INDE	14	64	26	FOBS=	55.2	SIGMA=	4.9	PHAS=	96.7	FOM=	0.86	TEST=	0
INDE	14	64	28	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	64	30	FOBS=	60.1	SIGMA=	4.8	PHAS=	-21.5	FOM=	0.52	TEST=	0
INDE	14	64	32	FOBS=	42.4	SIGMA=	6.9	PHAS=	-73.2	FOM=	0.69	TEST=	0
INDE	14	64	34	FOBS=	0.0	SIGMA=	27.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	64	36	FOBS=	0.0	SIGMA=	24.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	64	38	FOBS=	31.8	SIGMA=	9.5	PHAS=	-23.0	FOM=	0.41	TEST=	0
INDE	14	64	40	FOBS=	0.0	SIGMA=	25.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	65	15	FOBS=	53.9	SIGMA=	4.2	PHAS=	-168.6	FOM=	0.57	TEST=	0
INDE	14	65	17	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	65	19	FOBS=	88.5	SIGMA=	2.7	PHAS=	58.7	FOM=	0.94	TEST=	0
INDE	14	65	21	FOBS=	72.2	SIGMA=	4.8	PHAS=	150.0	FOM=	0.87	TEST=	0
INDE	14	65	23	FOBS=	0.0	SIGMA=	25.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	65	25	FOBS=	46.7	SIGMA=	5.8	PHAS=	-10.4	FOM=	0.29	TEST=	0
INDE	14	65	27	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	65	29	FOBS=	3.3	SIGMA=	84.7	PHAS=	-5.9	FOM=	0.05	TEST=	0
INDE	14	65	31	FOBS=	37.1	SIGMA=	7.8	PHAS=	176.9	FOM=	0.05	TEST=	1
INDE	14	65	33	FOBS=	51.1	SIGMA=	5.8	PHAS=	177.7	FOM=	0.22	TEST=	1
INDE	14	65	35	FOBS=	43.2	SIGMA=	6.9	PHAS=	-115.8	FOM=	0.74	TEST=	0
INDE	14	65	37	FOBS=	0.0	SIGMA=	24.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	65	39	FOBS=	0.0	SIGMA=	26.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	66	14	FOBS=	110.3	SIGMA=	2.0	PHAS=	-26.2	FOM=	0.92	TEST=	0
INDE	14	66	16	FOBS=	31.0	SIGMA=	7.4	PHAS=	64.7	FOM=	0.44	TEST=	0
INDE	14	66	18	FOBS=	60.7	SIGMA=	3.4	PHAS=	-146.4	FOM=	0.85	TEST=	0
INDE	14	66	20	FOBS=	122.2	SIGMA=	2.9	PHAS=	-10.7	FOM=	0.88	TEST=	0
INDE	14	66	22	FOBS=	62.0	SIGMA=	5.5	PHAS=	-37.8	FOM=	0.72	TEST=	0
INDE	14	66	24	FOBS=	77.3	SIGMA=	4.5	PHAS=	45.8	FOM=	0.86	TEST=	0
INDE	14	66	26	FOBS=	86.2	SIGMA=	3.3	PHAS=	75.6	FOM=	0.93	TEST=	0
INDE	14	66	28	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	66	30	FOBS=	50.8	SIGMA=	5.6	PHAS=	119.8	FOM=	0.86	TEST=	0
INDE	14	66	32	FOBS=	87.5	SIGMA=	3.4	PHAS=	138.2	FOM=	0.78	TEST=	0
INDE	14	66	34	FOBS=	68.9	SIGMA=	4.4	PHAS=	153.3	FOM=	0.84	TEST=	0
INDE	14	66	36	FOBS=	0.0	SIGMA=	24.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	66	38	FOBS=	40.6	SIGMA=	7.6	PHAS=	99.1	FOM=	0.22	TEST=	0
INDE	14	67	15	FOBS=	115.4	SIGMA=	2.2	PHAS=	-132.2	FOM=	0.91	TEST=	0
INDE	14	67	17	FOBS=	80.5	SIGMA=	4.3	PHAS=	73.5	FOM=	0.84	TEST=	0
INDE	14	67	19	FOBS=	85.6	SIGMA=	2.5	PHAS=	160.4	FOM=	0.85	TEST=	0
INDE	14	67	21	FOBS=	45.3	SIGMA=	7.5	PHAS=	-133.1	FOM=	0.72	TEST=	0
INDE	14	67	23	FOBS=	90.1	SIGMA=	3.9	PHAS=	-13.2	FOM=	0.87	TEST=	0
INDE	14	67	25	FOBS=	25.7	SIGMA=	10.5	PHAS=	-52.7	FOM=	0.13	TEST=	0
INDE	14	67	27	FOBS=	51.2	SIGMA=	5.4	PHAS=	42.2	FOM=	0.78	TEST=	0
INDE	14	67	29	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	14	67	31	FOBS=	56.4	SIGMA=	5.2	PHAS=	22.2	FOM=	0.51	TEST=	0
INDE	14	67	33	FOBS=	38.6	SIGMA=	7.7	PHAS=	67.3	FOM=	0.76	TEST=	0
INDE	14	67	35	FOBS=	40.7	SIGMA=	7.5	PHAS=	5.3	FOM=	0.55	TEST=	0
INDE	14	68	14	FOBS=	47.2	SIGMA=	5.3	PHAS=	-49.0	FOM=	0.65	TEST=	0
INDE	14	68	16	FOBS=	47.0	SIGMA=	6.8	PHAS=	145.7	FOM=	0.66	TEST=	0
INDE	14	68	18	FOBS=	53.5	SIGMA=	3.9	PHAS=	-43.2	FOM=	0.34	TEST=	0
INDE	14	68	20	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	68	22	FOBS=	104.4	SIGMA=	2.9	PHAS=	5.7	FOM=	0.19	TEST=	1
INDE	14	68	24	FOBS=	47.5	SIGMA=	7.3	PHAS=	49.7	FOM=	0.08	TEST=	1
INDE	14	68	26	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	68	28	FOBS=	80.5	SIGMA=	3.6	PHAS=	-2.6	FOM=	0.88	TEST=	0
INDE	14	68	30	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	68	32	FOBS=	62.9	SIGMA=	4.8	PHAS=	-3.2	FOM=	0.33	TEST=	0
INDE	14	68	34	FOBS=	17.8	SIGMA=	17.3	PHAS=	150.6	FOM=	0.23	TEST=	0
INDE	14	69	15	FOBS=	84.5	SIGMA=	3.4	PHAS=	-15.5	FOM=	0.89	TEST=	0
INDE	14	69	17	FOBS=	56.0	SIGMA=	5.8	PHAS=	123.4	FOM=	0.49	TEST=	0
INDE	14	69	19	FOBS=	19.9	SIGMA=	12.4	PHAS=	-85.8	FOM=	0.39	TEST=	0
INDE	14	69	21	FOBS=	0.0	SIGMA=	24.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	69	23	FOBS=	50.4	SIGMA=	9.8	PHAS=	3.4	FOM=	0.33	TEST=	0
INDE	14	69	25	FOBS=	63.7	SIGMA=	8.0	PHAS=	136.2	FOM=	0.77	TEST=	0

INDE	14	69	27	FOBS=	18.3	SIGMA=	15.3	PHAS=	-93.9	FOM=	0.31	TEST=	0
INDE	14	69	29	FOBS=	34.2	SIGMA=	10.3	PHAS=	-30.9	FOM=	0.59	TEST=	0
INDE	14	69	31	FOBS=	14.4	SIGMA=	20.6	PHAS=	44.5	FOM=	0.02	TEST=	1
INDE	14	69	33	FOBS=	0.0	SIGMA=	31.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	70	16	FOBS=	59.0	SIGMA=	4.8	PHAS=	-154.7	FOM=	0.85	TEST=	0
INDE	14	70	20	FOBS=	16.6	SIGMA=	15.9	PHAS=	-47.9	FOM=	0.18	TEST=	0
INDE	14	70	22	FOBS=	68.5	SIGMA=	4.8	PHAS=	-97.9	FOM=	0.66	TEST=	0
INDE	14	70	24	FOBS=	75.3	SIGMA=	5.1	PHAS=	16.6	FOM=	0.71	TEST=	0
INDE	14	70	28	FOBS=	35.1	SIGMA=	10.0	PHAS=	-36.7	FOM=	0.42	TEST=	0
INDE	14	70	30	FOBS=	0.0	SIGMA=	27.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	71	15	FOBS=	66.4	SIGMA=	3.7	PHAS=	41.8	FOM=	0.71	TEST=	0
INDE	14	71	17	FOBS=	36.7	SIGMA=	8.7	PHAS=	162.1	FOM=	0.50	TEST=	0
INDE	14	71	21	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	71	23	FOBS=	71.8	SIGMA=	4.7	PHAS=	-172.4	FOM=	0.90	TEST=	0
INDE	14	71	25	FOBS=	62.6	SIGMA=	6.3	PHAS=	-161.9	FOM=	0.81	TEST=	0
INDE	14	72	16	FOBS=	47.6	SIGMA=	5.9	PHAS=	-41.2	FOM=	0.28	TEST=	0
INDE	14	72	18	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	72	20	FOBS=	60.6	SIGMA=	3.9	PHAS=	-78.1	FOM=	0.88	TEST=	0
INDE	14	72	22	FOBS=	42.4	SIGMA=	7.2	PHAS=	69.6	FOM=	0.54	TEST=	0
INDE	14	72	24	FOBS=	62.6	SIGMA=	5.7	PHAS=	84.6	FOM=	0.85	TEST=	0
INDE	14	73	17	FOBS=	33.2	SIGMA=	8.8	PHAS=	-29.7	FOM=	0.25	TEST=	0
INDE	14	73	21	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	14	74	16	FOBS=	25.1	SIGMA=	9.5	PHAS=	-9.5	FOM=	0.48	TEST=	0
INDE	14	74	18	FOBS=	50.0	SIGMA=	6.7	PHAS=	-155.1	FOM=	0.53	TEST=	0
INDE	15	16	15	FOBS=	37.4	SIGMA=	2.6	PHAS=	-137.6	FOM=	0.87	TEST=	1
INDE	15	16	17	FOBS=	152.2	SIGMA=	0.7	PHAS=	-125.6	FOM=	0.98	TEST=	0
INDE	15	16	19	FOBS=	138.6	SIGMA=	0.6	PHAS=	-103.4	FOM=	0.91	TEST=	1
INDE	15	16	21	FOBS=	121.2	SIGMA=	0.7	PHAS=	52.3	FOM=	0.98	TEST=	0
INDE	15	16	23	FOBS=	54.9	SIGMA=	1.5	PHAS=	-96.3	FOM=	0.97	TEST=	0
INDE	15	16	25	FOBS=	135.3	SIGMA=	0.7	PHAS=	-142.0	FOM=	0.99	TEST=	0
INDE	15	16	27	FOBS=	48.3	SIGMA=	1.8	PHAS=	139.8	FOM=	0.98	TEST=	1
INDE	15	16	29	FOBS=	135.9	SIGMA=	0.7	PHAS=	36.5	FOM=	0.66	TEST=	0
INDE	15	16	31	FOBS=	196.9	SIGMA=	0.6	PHAS=	162.3	FOM=	0.94	TEST=	1
INDE	15	16	33	FOBS=	35.9	SIGMA=	2.9	PHAS=	-81.9	FOM=	0.55	TEST=	0
INDE	15	16	35	FOBS=	195.6	SIGMA=	0.7	PHAS=	113.8	FOM=	0.40	TEST=	0
INDE	15	16	37	FOBS=	239.8	SIGMA=	0.6	PHAS=	121.9	FOM=	0.94	TEST=	0
INDE	15	16	39	FOBS=	98.6	SIGMA=	1.5	PHAS=	-84.6	FOM=	0.74	TEST=	0
INDE	15	16	41	FOBS=	177.5	SIGMA=	1.0	PHAS=	65.7	FOM=	0.94	TEST=	0
INDE	15	16	43	FOBS=	245.6	SIGMA=	0.9	PHAS=	17.8	FOM=	0.96	TEST=	0
INDE	15	16	45	FOBS=	161.9	SIGMA=	1.8	PHAS=	-146.0	FOM=	0.90	TEST=	0
INDE	15	16	47	FOBS=	267.0	SIGMA=	1.2	PHAS=	103.9	FOM=	0.02	TEST=	1
INDE	15	16	49	FOBS=	207.9	SIGMA=	1.4	PHAS=	12.7	FOM=	0.97	TEST=	0
INDE	15	16	51	FOBS=	111.1	SIGMA=	2.0	PHAS=	-42.1	FOM=	0.60	TEST=	0
INDE	15	16	53	FOBS=	123.1	SIGMA=	1.5	PHAS=	159.7	FOM=	0.88	TEST=	0
INDE	15	16	55	FOBS=	135.9	SIGMA=	1.4	PHAS=	9.3	FOM=	0.94	TEST=	0
INDE	15	16	57	FOBS=	103.8	SIGMA=	2.1	PHAS=	9.8	FOM=	0.89	TEST=	0
INDE	15	16	59	FOBS=	152.9	SIGMA=	1.4	PHAS=	-82.3	FOM=	0.94	TEST=	0
INDE	15	16	61	FOBS=	35.0	SIGMA=	4.8	PHAS=	-13.7	FOM=	0.17	TEST=	0
INDE	15	16	63	FOBS=	57.3	SIGMA=	4.0	PHAS=	92.7	FOM=	0.70	TEST=	0
INDE	15	16	65	FOBS=	58.5	SIGMA=	3.9	PHAS=	107.6	FOM=	0.76	TEST=	0
INDE	15	16	67	FOBS=	58.2	SIGMA=	5.0	PHAS=	-145.6	FOM=	0.75	TEST=	0
INDE	15	16	69	FOBS=	54.8	SIGMA=	4.4	PHAS=	167.5	FOM=	0.79	TEST=	0
INDE	15	17	16	FOBS=	164.8	SIGMA=	0.6	PHAS=	153.5	FOM=	0.99	TEST=	0
INDE	15	17	18	FOBS=	292.7	SIGMA=	0.6	PHAS=	110.8	FOM=	0.98	TEST=	0
INDE	15	17	20	FOBS=	76.4	SIGMA=	1.0	PHAS=	120.3	FOM=	0.98	TEST=	0
INDE	15	17	22	FOBS=	51.6	SIGMA=	1.7	PHAS=	23.0	FOM=	0.98	TEST=	0
INDE	15	17	24	FOBS=	272.5	SIGMA=	0.5	PHAS=	-159.5	FOM=	0.99	TEST=	0
INDE	15	17	26	FOBS=	268.0	SIGMA=	0.5	PHAS=	159.8	FOM=	0.99	TEST=	0
INDE	15	17	28	FOBS=	400.0	SIGMA=	0.5	PHAS=	32.4	FOM=	0.99	TEST=	0
INDE	15	17	30	FOBS=	135.2	SIGMA=	0.8	PHAS=	12.2	FOM=	0.96	TEST=	0
INDE	15	17	32	FOBS=	112.6	SIGMA=	1.0	PHAS=	-79.4	FOM=	0.79	TEST=	0
INDE	15	17	34	FOBS=	184.7	SIGMA=	0.7	PHAS=	61.5	FOM=	0.91	TEST=	0
INDE	15	17	36	FOBS=	297.0	SIGMA=	0.6	PHAS=	87.5	FOM=	0.96	TEST=	0
INDE	15	17	38	FOBS=	122.7	SIGMA=	1.1	PHAS=	55.0	FOM=	0.96	TEST=	0
INDE	15	17	40	FOBS=	282.7	SIGMA=	0.7	PHAS=	57.2	FOM=	0.96	TEST=	0
INDE	15	17	42	FOBS=	207.8	SIGMA=	0.8	PHAS=	-31.7	FOM=	0.85	TEST=	0
INDE	15	17	44	FOBS=	121.5	SIGMA=	1.5	PHAS=	-90.2	FOM=	0.88	TEST=	0
INDE	15	17	46	FOBS=	184.4	SIGMA=	1.0	PHAS=	115.4	FOM=	0.94	TEST=	0
INDE	15	17	48	FOBS=	121.8	SIGMA=	1.4	PHAS=	-58.4	FOM=	0.42	TEST=	0
INDE	15	17	50	FOBS=	48.8	SIGMA=	3.9	PHAS=	69.9	FOM=	0.74	TEST=	0

INDE 15 17 52 FOBS= 128.9 SIGMA= 1.5 PHAS= 165.7 FOM= 0.85 TEST= 0
INDE 15 17 54 FOBS= 68.9 SIGMA= 2.7 PHAS= -107.6 FOM= 0.80 TEST= 0
INDE 15 17 56 FOBS= 174.6 SIGMA= 1.1 PHAS= -85.2 FOM= 0.97 TEST= 0
INDE 15 17 58 FOBS= 199.0 SIGMA= 1.2 PHAS= -128.4 FOM= 0.97 TEST= 0
INDE 15 17 60 FOBS= 84.2 SIGMA= 2.6 PHAS= 150.5 FOM= 0.89 TEST= 0
INDE 15 17 62 FOBS= 54.9 SIGMA= 4.4 PHAS= -32.1 FOM= 0.59 TEST= 0
INDE 15 17 64 FOBS= 30.2 SIGMA= 7.6 PHAS= 29.3 FOM= 0.34 TEST= 0
INDE 15 17 66 FOBS= 105.9 SIGMA= 2.3 PHAS= 5.4 FOM= 0.87 TEST= 0
INDE 15 17 68 FOBS= 77.6 SIGMA= 3.4 PHAS= 60.4 FOM= 0.85 TEST= 0
INDE 15 18 15 FOBS= 182.9 SIGMA= 0.6 PHAS= 137.7 FOM= 0.97 TEST= 0
INDE 15 18 17 FOBS= 170.0 SIGMA= 0.6 PHAS= 10.4 FOM= 0.99 TEST= 0
INDE 15 18 19 FOBS= 164.9 SIGMA= 0.6 PHAS= 55.7 FOM= 0.97 TEST= 0
INDE 15 18 21 FOBS= 78.5 SIGMA= 0.9 PHAS= 30.9 FOM= 0.99 TEST= 0
INDE 15 18 23 FOBS= 105.7 SIGMA= 0.8 PHAS= 23.0 FOM= 0.99 TEST= 0
INDE 15 18 25 FOBS= 210.9 SIGMA= 0.5 PHAS= 55.7 FOM= 0.97 TEST= 0
INDE 15 18 27 FOBS= 241.2 SIGMA= 0.5 PHAS= -47.6 FOM= 0.96 TEST= 0
INDE 15 18 29 FOBS= 161.8 SIGMA= 0.6 PHAS= -38.2 FOM= 0.96 TEST= 0
INDE 15 18 31 FOBS= 46.6 SIGMA= 1.9 PHAS= 100.4 FOM= 0.93 TEST= 0
INDE 15 18 33 FOBS= 57.6 SIGMA= 1.7 PHAS= -153.9 FOM= 0.92 TEST= 0
INDE 15 18 35 FOBS= 298.1 SIGMA= 0.5 PHAS= -48.3 FOM= 0.98 TEST= 0
INDE 15 18 37 FOBS= 279.6 SIGMA= 0.5 PHAS= 10.5 FOM= 0.97 TEST= 0
INDE 15 18 39 FOBS= 100.2 SIGMA= 1.3 PHAS= -101.6 FOM= 0.97 TEST= 0
INDE 15 18 41 FOBS= 122.9 SIGMA= 1.2 PHAS= -76.2 FOM= 0.86 TEST= 0
INDE 15 18 43 FOBS= 100.4 SIGMA= 1.7 PHAS= -62.6 FOM= 0.92 TEST= 0
INDE 15 18 45 FOBS= 149.2 SIGMA= 1.1 PHAS= 125.2 FOM= 0.17 TEST= 1
INDE 15 18 47 FOBS= 95.1 SIGMA= 1.9 PHAS= -82.0 FOM= 0.17 TEST= 0
INDE 15 18 49 FOBS= 72.3 SIGMA= 2.4 PHAS= 35.6 FOM= 0.49 TEST= 0
INDE 15 18 51 FOBS= 64.1 SIGMA= 2.6 PHAS= 157.5 FOM= 0.77 TEST= 0
INDE 15 18 53 FOBS= 54.1 SIGMA= 3.4 PHAS= 145.2 FOM= 0.81 TEST= 0
INDE 15 18 55 FOBS= 40.4 SIGMA= 4.5 PHAS= 16.8 FOM= 0.47 TEST= 0
INDE 15 18 57 FOBS= 59.9 SIGMA= 3.6 PHAS= 80.9 FOM= 0.90 TEST= 0
INDE 15 18 59 FOBS= 43.6 SIGMA= 4.8 PHAS= 141.5 FOM= 0.59 TEST= 0
INDE 15 18 61 FOBS= 0.0 SIGMA= 21.9 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 15 18 63 FOBS= 49.0 SIGMA= 4.8 PHAS= 84.3 FOM= 0.93 TEST= 0
INDE 15 18 65 FOBS= 65.3 SIGMA= 3.4 PHAS= -53.9 FOM= 0.78 TEST= 0
INDE 15 18 67 FOBS= 103.9 SIGMA= 2.7 PHAS= -94.9 FOM= 0.12 TEST= 1
INDE 15 19 16 FOBS= 159.2 SIGMA= 0.7 PHAS= 26.5 FOM= 0.90 TEST= 0
INDE 15 19 18 FOBS= 230.4 SIGMA= 0.5 PHAS= -1.8 FOM= 0.92 TEST= 1
INDE 15 19 20 FOBS= 147.7 SIGMA= 0.6 PHAS= -0.3 FOM= 0.97 TEST= 0
INDE 15 19 22 FOBS= 44.0 SIGMA= 1.7 PHAS= 25.7 FOM= 0.95 TEST= 0
INDE 15 19 24 FOBS= 335.1 SIGMA= 0.4 PHAS= -96.7 FOM= 0.97 TEST= 0
INDE 15 19 26 FOBS= 169.3 SIGMA= 0.6 PHAS= 179.7 FOM= 0.90 TEST= 0
INDE 15 19 28 FOBS= 72.7 SIGMA= 1.3 PHAS= -121.1 FOM= 0.94 TEST= 0
INDE 15 19 30 FOBS= 188.3 SIGMA= 0.6 PHAS= -152.5 FOM= 0.54 TEST= 0
INDE 15 19 32 FOBS= 14.9 SIGMA= 7.0 PHAS= 129.8 FOM= 0.00 TEST= 1
INDE 15 19 34 FOBS= 71.0 SIGMA= 1.5 PHAS= -161.7 FOM= 0.88 TEST= 0
INDE 15 19 36 FOBS= 177.4 SIGMA= 0.7 PHAS= -122.3 FOM= 0.85 TEST= 0
INDE 15 19 38 FOBS= 201.1 SIGMA= 0.7 PHAS= 8.4 FOM= 0.85 TEST= 0
INDE 15 19 40 FOBS= 49.7 SIGMA= 2.7 PHAS= -126.5 FOM= 0.64 TEST= 0
INDE 15 19 42 FOBS= 109.2 SIGMA= 1.5 PHAS= -55.0 FOM= 0.64 TEST= 0
INDE 15 19 44 FOBS= 140.0 SIGMA= 1.2 PHAS= 163.5 FOM= 0.85 TEST= 0
INDE 15 19 46 FOBS= 28.6 SIGMA= 5.6 PHAS= -21.4 FOM= 0.51 TEST= 0
INDE 15 19 48 FOBS= 60.3 SIGMA= 2.9 PHAS= -125.5 FOM= 0.50 TEST= 0
INDE 15 19 50 FOBS= 101.4 SIGMA= 1.7 PHAS= 48.3 FOM= 0.95 TEST= 0
INDE 15 19 52 FOBS= 124.3 SIGMA= 1.4 PHAS= 137.3 FOM= 0.86 TEST= 0
INDE 15 19 54 FOBS= 87.4 SIGMA= 1.9 PHAS= -93.9 FOM= 0.69 TEST= 1
INDE 15 19 56 FOBS= 131.5 SIGMA= 1.3 PHAS= -80.1 FOM= 0.95 TEST= 0
INDE 15 19 58 FOBS= 98.1 SIGMA= 2.2 PHAS= -90.9 FOM= 0.91 TEST= 0
INDE 15 19 60 FOBS= 0.0 SIGMA= 23.7 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 15 19 62 FOBS= 66.8 SIGMA= 3.5 PHAS= -20.2 FOM= 0.74 TEST= 0
INDE 15 19 64 FOBS= 17.9 SIGMA= 12.6 PHAS= -142.2 FOM= 0.10 TEST= 0
INDE 15 19 66 FOBS= 23.3 SIGMA= 11.0 PHAS= -119.8 FOM= 0.10 TEST= 0
INDE 15 20 15 FOBS= 142.6 SIGMA= 0.7 PHAS= -142.8 FOM= 0.77 TEST= 0
INDE 15 20 17 FOBS= 347.7 SIGMA= 0.5 PHAS= -39.8 FOM= 0.98 TEST= 0
INDE 15 20 19 FOBS= 206.6 SIGMA= 0.6 PHAS= -49.9 FOM= 0.97 TEST= 0
INDE 15 20 21 FOBS= 69.1 SIGMA= 1.1 PHAS= -37.3 FOM= 0.83 TEST= 0
INDE 15 20 23 FOBS= 141.3 SIGMA= 0.7 PHAS= -148.5 FOM= 0.70 TEST= 0
INDE 15 20 25 FOBS= 210.5 SIGMA= 0.5 PHAS= 154.3 FOM= 0.98 TEST= 0
INDE 15 20 27 FOBS= 18.4 SIGMA= 5.3 PHAS= 160.7 FOM= 0.17 TEST= 0
INDE 15 20 29 FOBS= 24.5 SIGMA= 3.9 PHAS= 28.7 FOM= 0.42 TEST= 0

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INDE	15	20	31	FOBS=	173.5	SIGMA=	0.7	PHAS=	-8.5	FOM=	0.91	TEST=	0
INDE	15	20	33	FOBS=	158.1	SIGMA=	0.7	PHAS=	152.6	FOM=	0.99	TEST=	0
INDE	15	20	35	FOBS=	155.9	SIGMA=	0.8	PHAS=	-110.9	FOM=	0.85	TEST=	0
INDE	15	20	37	FOBS=	152.5	SIGMA=	0.9	PHAS=	-100.8	FOM=	0.98	TEST=	0
INDE	15	20	39	FOBS=	48.8	SIGMA=	2.7	PHAS=	-90.9	FOM=	0.79	TEST=	0
INDE	15	20	41	FOBS=	133.2	SIGMA=	1.2	PHAS=	155.3	FOM=	0.56	TEST=	0
INDE	15	20	43	FOBS=	187.3	SIGMA=	0.9	PHAS=	110.7	FOM=	0.38	TEST=	1
INDE	15	20	45	FOBS=	242.4	SIGMA=	0.8	PHAS=	130.1	FOM=	0.94	TEST=	0
INDE	15	20	47	FOBS=	135.8	SIGMA=	1.2	PHAS=	144.2	FOM=	0.52	TEST=	1
INDE	15	20	49	FOBS=	103.8	SIGMA=	1.6	PHAS=	5.1	FOM=	0.93	TEST=	0
INDE	15	20	51	FOBS=	112.8	SIGMA=	1.5	PHAS=	7.6	FOM=	0.91	TEST=	0
INDE	15	20	53	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	20	55	FOBS=	140.6	SIGMA=	1.2	PHAS=	110.4	FOM=	0.93	TEST=	0
INDE	15	20	57	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	20	59	FOBS=	98.9	SIGMA=	1.9	PHAS=	163.1	FOM=	0.90	TEST=	0
INDE	15	20	61	FOBS=	84.0	SIGMA=	2.9	PHAS=	167.9	FOM=	0.85	TEST=	0
INDE	15	20	63	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	20	65	FOBS=	86.7	SIGMA=	3.0	PHAS=	99.9	FOM=	0.35	TEST=	0
INDE	15	21	16	FOBS=	207.1	SIGMA=	0.6	PHAS=	-113.2	FOM=	0.98	TEST=	0
INDE	15	21	18	FOBS=	311.6	SIGMA=	0.5	PHAS=	-112.9	FOM=	0.98	TEST=	0
INDE	15	21	20	FOBS=	96.8	SIGMA=	1.0	PHAS=	136.7	FOM=	0.93	TEST=	0
INDE	15	21	22	FOBS=	291.2	SIGMA=	0.4	PHAS=	111.2	FOM=	0.99	TEST=	0
INDE	15	21	24	FOBS=	140.2	SIGMA=	0.7	PHAS=	87.5	FOM=	0.99	TEST=	0
INDE	15	21	26	FOBS=	109.6	SIGMA=	0.9	PHAS=	29.4	FOM=	0.37	TEST=	0
INDE	15	21	28	FOBS=	210.1	SIGMA=	0.6	PHAS=	-102.9	FOM=	0.95	TEST=	0
INDE	15	21	30	FOBS=	156.9	SIGMA=	0.7	PHAS=	-43.1	FOM=	0.60	TEST=	0
INDE	15	21	32	FOBS=	94.5	SIGMA=	1.2	PHAS=	-169.8	FOM=	0.88	TEST=	0
INDE	15	21	34	FOBS=	139.7	SIGMA=	0.9	PHAS=	44.4	FOM=	0.98	TEST=	0
INDE	15	21	36	FOBS=	266.9	SIGMA=	0.6	PHAS=	-156.8	FOM=	0.97	TEST=	0
INDE	15	21	38	FOBS=	342.7	SIGMA=	0.6	PHAS=	127.3	FOM=	0.97	TEST=	0
INDE	15	21	40	FOBS=	229.1	SIGMA=	0.8	PHAS=	82.7	FOM=	0.96	TEST=	0
INDE	15	21	42	FOBS=	126.8	SIGMA=	1.3	PHAS=	84.3	FOM=	0.81	TEST=	0
INDE	15	21	44	FOBS=	215.1	SIGMA=	0.8	PHAS=	60.7	FOM=	0.95	TEST=	0
INDE	15	21	46	FOBS=	233.6	SIGMA=	0.8	PHAS=	22.0	FOM=	0.97	TEST=	0
INDE	15	21	48	FOBS=	45.1	SIGMA=	3.7	PHAS=	-108.6	FOM=	0.89	TEST=	0
INDE	15	21	50	FOBS=	111.5	SIGMA=	1.4	PHAS=	52.3	FOM=	0.81	TEST=	0
INDE	15	21	52	FOBS=	108.5	SIGMA=	1.6	PHAS=	-100.8	FOM=	0.75	TEST=	0
INDE	15	21	54	FOBS=	68.8	SIGMA=	2.4	PHAS=	-52.1	FOM=	0.85	TEST=	0
INDE	15	21	56	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	21	58	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	15	21	60	FOBS=	169.9	SIGMA=	1.3	PHAS=	25.3	FOM=	0.96	TEST=	0
INDE	15	21	62	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	21	64	FOBS=	91.9	SIGMA=	2.5	PHAS=	-171.1	FOM=	0.86	TEST=	0
INDE	15	22	15	FOBS=	51.7	SIGMA=	1.6	PHAS=	166.6	FOM=	0.99	TEST=	0
INDE	15	22	17	FOBS=	194.1	SIGMA=	0.6	PHAS=	-176.4	FOM=	0.97	TEST=	0
INDE	15	22	19	FOBS=	192.6	SIGMA=	0.6	PHAS=	135.4	FOM=	0.92	TEST=	0
INDE	15	22	21	FOBS=	203.2	SIGMA=	0.6	PHAS=	7.6	FOM=	0.95	TEST=	0
INDE	15	22	23	FOBS=	230.4	SIGMA=	0.5	PHAS=	-59.3	FOM=	0.53	TEST=	1
INDE	15	22	25	FOBS=	105.0	SIGMA=	1.0	PHAS=	-40.4	FOM=	0.80	TEST=	0
INDE	15	22	27	FOBS=	95.2	SIGMA=	1.1	PHAS=	-173.4	FOM=	0.84	TEST=	0
INDE	15	22	29	FOBS=	367.2	SIGMA=	0.6	PHAS=	-61.5	FOM=	0.64	TEST=	1
INDE	15	22	31	FOBS=	128.9	SIGMA=	0.9	PHAS=	19.1	FOM=	0.87	TEST=	0
INDE	15	22	33	FOBS=	98.7	SIGMA=	1.2	PHAS=	103.2	FOM=	0.92	TEST=	0
INDE	15	22	35	FOBS=	106.6	SIGMA=	1.2	PHAS=	-152.5	FOM=	0.97	TEST=	0
INDE	15	22	37	FOBS=	234.8	SIGMA=	0.6	PHAS=	110.8	FOM=	0.95	TEST=	0
INDE	15	22	39	FOBS=	397.5	SIGMA=	0.6	PHAS=	18.5	FOM=	0.98	TEST=	0
INDE	15	22	41	FOBS=	172.4	SIGMA=	1.0	PHAS=	-23.6	FOM=	0.86	TEST=	0
INDE	15	22	43	FOBS=	66.0	SIGMA=	2.3	PHAS=	-58.8	FOM=	0.79	TEST=	0
INDE	15	22	45	FOBS=	161.3	SIGMA=	1.0	PHAS=	-76.9	FOM=	0.93	TEST=	0
INDE	15	22	47	FOBS=	63.2	SIGMA=	2.4	PHAS=	-179.9	FOM=	0.49	TEST=	0
INDE	15	22	49	FOBS=	207.2	SIGMA=	0.9	PHAS=	-4.8	FOM=	0.93	TEST=	0
INDE	15	22	51	FOBS=	89.0	SIGMA=	1.8	PHAS=	29.2	FOM=	0.92	TEST=	0
INDE	15	22	53	FOBS=	112.5	SIGMA=	1.5	PHAS=	-171.0	FOM=	0.85	TEST=	0
INDE	15	22	55	FOBS=	78.8	SIGMA=	2.1	PHAS=	170.9	FOM=	0.91	TEST=	0
INDE	15	22	57	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	15	22	59	FOBS=	51.8	SIGMA=	4.0	PHAS=	-90.7	FOM=	0.74	TEST=	0
INDE	15	22	61	FOBS=	57.7	SIGMA=	3.4	PHAS=	-89.3	FOM=	0.55	TEST=	0
INDE	15	22	63	FOBS=	11.0	SIGMA=	18.6	PHAS=	132.4	FOM=	0.37	TEST=	0
INDE	15	22	65	FOBS=	43.2	SIGMA=	11.7	PHAS=	155.2	FOM=	0.46	TEST=	0
INDE	15	23	16	FOBS=	107.4	SIGMA=	1.0	PHAS=	172.1	FOM=	0.98	TEST=	0

INDE 15 23 18 FOBS= 199.6 SIGMA= 0.6 PHAS= 117.1 FOM= 0.99 TEST= 0
INDE 15 23 20 FOBS= 132.8 SIGMA= 0.8 PHAS= 100.4 FOM= 0.99 TEST= 0
INDE 15 23 22 FOBS= 105.5 SIGMA= 0.9 PHAS= 72.9 FOM= 0.97 TEST= 0
INDE 15 23 24 FOBS= 0.0 SIGMA= 15.0 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 15 23 26 FOBS= 168.1 SIGMA= 0.7 PHAS= 82.8 FOM= 0.25 TEST= 1
INDE 15 23 28 FOBS= 92.9 SIGMA= 1.1 PHAS= -174.5 FOM= 0.95 TEST= 0
INDE 15 23 30 FOBS= 151.5 SIGMA= 0.8 PHAS= 140.6 FOM= 0.88 TEST= 0
INDE 15 23 32 FOBS= 116.4 SIGMA= 1.1 PHAS= -144.4 FOM= 0.48 TEST= 0
INDE 15 23 34 FOBS= 219.4 SIGMA= 0.7 PHAS= 24.4 FOM= 0.95 TEST= 0
INDE 15 23 36 FOBS= 70.2 SIGMA= 2.0 PHAS= 33.8 FOM= 0.53 TEST= 0
INDE 15 23 38 FOBS= 65.5 SIGMA= 2.5 PHAS= 43.2 FOM= 0.82 TEST= 1
INDE 15 23 40 FOBS= 152.4 SIGMA= 1.1 PHAS= -102.3 FOM= 0.88 TEST= 0
INDE 15 23 42 FOBS= 145.7 SIGMA= 1.1 PHAS= -155.0 FOM= 0.85 TEST= 0
INDE 15 23 44 FOBS= 121.4 SIGMA= 1.3 PHAS= -177.6 FOM= 0.90 TEST= 0
INDE 15 23 46 FOBS= 0.0 SIGMA= 18.6 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 15 23 48 FOBS= 90.8 SIGMA= 1.7 PHAS= -132.2 FOM= 0.92 TEST= 0
INDE 15 23 50 FOBS= 76.7 SIGMA= 2.1 PHAS= 137.8 FOM= 0.73 TEST= 0
INDE 15 23 52 FOBS= 54.5 SIGMA= 2.8 PHAS= -55.1 FOM= 0.92 TEST= 0
INDE 15 23 54 FOBS= 19.7 SIGMA= 9.4 PHAS= -139.8 FOM= 0.17 TEST= 0
INDE 15 23 56 FOBS= 108.6 SIGMA= 1.8 PHAS= 125.2 FOM= 0.98 TEST= 0
INDE 15 23 58 FOBS= 38.2 SIGMA= 5.9 PHAS= -138.9 FOM= 0.56 TEST= 0
INDE 15 23 60 FOBS= 40.6 SIGMA= 4.9 PHAS= 166.8 FOM= 0.40 TEST= 0
INDE 15 23 62 FOBS= 9.9 SIGMA= 21.5 PHAS= -85.0 FOM= 0.11 TEST= 0
INDE 15 23 64 FOBS= 23.3 SIGMA= 15.9 PHAS= 112.3 FOM= 0.54 TEST= 0
INDE 15 23 66 FOBS= 52.6 SIGMA= 9.7 PHAS= 58.4 FOM= 0.43 TEST= 0
INDE 15 24 15 FOBS= 102.2 SIGMA= 0.9 PHAS= 160.4 FOM= 0.95 TEST= 1
INDE 15 24 17 FOBS= 133.8 SIGMA= 0.8 PHAS= 56.4 FOM= 0.98 TEST= 0
INDE 15 24 19 FOBS= 192.5 SIGMA= 0.6 PHAS= 60.5 FOM= 0.99 TEST= 0
INDE 15 24 21 FOBS= 257.6 SIGMA= 0.6 PHAS= 0.6 FOM= 0.98 TEST= 0
INDE 15 24 23 FOBS= 305.0 SIGMA= 0.5 PHAS= -62.8 FOM= 0.97 TEST= 0
INDE 15 24 25 FOBS= 30.9 SIGMA= 3.9 PHAS= -130.0 FOM= 0.58 TEST= 0
INDE 15 24 27 FOBS= 120.7 SIGMA= 1.0 PHAS= -150.0 FOM= 0.98 TEST= 0
INDE 15 24 29 FOBS= 309.4 SIGMA= 0.7 PHAS= -123.2 FOM= 0.96 TEST= 0
INDE 15 24 31 FOBS= 78.3 SIGMA= 1.5 PHAS= 162.9 FOM= 0.95 TEST= 0
INDE 15 24 33 FOBS= 116.6 SIGMA= 1.1 PHAS= -83.5 FOM= 0.91 TEST= 0
INDE 15 24 35 FOBS= 268.7 SIGMA= 0.6 PHAS= -137.4 FOM= 0.95 TEST= 0
INDE 15 24 37 FOBS= 158.1 SIGMA= 1.1 PHAS= 179.8 FOM= 0.95 TEST= 0
INDE 15 24 39 FOBS= 129.8 SIGMA= 1.4 PHAS= 22.1 FOM= 0.58 TEST= 0
INDE 15 24 41 FOBS= 144.8 SIGMA= 1.2 PHAS= 149.8 FOM= 0.96 TEST= 0
INDE 15 24 43 FOBS= 50.7 SIGMA= 3.0 PHAS= 89.0 FOM= 0.91 TEST= 0
INDE 15 24 45 FOBS= 29.9 SIGMA= 5.0 PHAS= -138.4 FOM= 0.83 TEST= 0
INDE 15 24 47 FOBS= 141.2 SIGMA= 1.1 PHAS= 102.1 FOM= 0.86 TEST= 0
INDE 15 24 49 FOBS= 79.1 SIGMA= 1.9 PHAS= 76.0 FOM= 0.67 TEST= 0
INDE 15 24 51 FOBS= 115.2 SIGMA= 1.3 PHAS= 88.5 FOM= 0.95 TEST= 0
INDE 15 24 53 FOBS= 0.0 SIGMA= 18.3 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 15 24 55 FOBS= 83.1 SIGMA= 1.9 PHAS= 19.7 FOM= 0.96 TEST= 0
INDE 15 24 57 FOBS= 65.0 SIGMA= 2.9 PHAS= 93.0 FOM= 0.92 TEST= 0
INDE 15 24 59 FOBS= 97.0 SIGMA= 2.2 PHAS= 49.9 FOM= 0.81 TEST= 0
INDE 15 24 61 FOBS= 35.7 SIGMA= 5.6 PHAS= 89.3 FOM= 0.69 TEST= 0
INDE 15 24 63 FOBS= 44.4 SIGMA= 5.8 PHAS= 83.2 FOM= 0.15 TEST= 0
INDE 15 24 65 FOBS= 50.0 SIGMA= 10.1 PHAS= -63.5 FOM= 0.72 TEST= 0
INDE 15 24 67 FOBS= 56.2 SIGMA= 9.2 PHAS= -176.3 FOM= 0.85 TEST= 0
INDE 15 24 69 FOBS= 47.2 SIGMA= 11.3 PHAS= 37.3 FOM= 0.41 TEST= 0
INDE 15 25 16 FOBS= 61.9 SIGMA= 1.5 PHAS= -55.0 FOM= 0.96 TEST= 0
INDE 15 25 18 FOBS= 46.7 SIGMA= 2.1 PHAS= 78.4 FOM= 0.97 TEST= 0
INDE 15 25 20 FOBS= 137.0 SIGMA= 0.8 PHAS= -37.8 FOM= 0.99 TEST= 0
INDE 15 25 22 FOBS= 186.6 SIGMA= 0.7 PHAS= -104.8 FOM= 0.98 TEST= 0
INDE 15 25 24 FOBS= 139.7 SIGMA= 0.8 PHAS= -172.2 FOM= 0.92 TEST= 0
INDE 15 25 26 FOBS= 81.2 SIGMA= 1.4 PHAS= -102.9 FOM= 0.85 TEST= 0
INDE 15 25 28 FOBS= 359.5 SIGMA= 0.5 PHAS= 136.5 FOM= 0.96 TEST= 0
INDE 15 25 30 FOBS= 254.1 SIGMA= 0.6 PHAS= 90.2 FOM= 0.96 TEST= 0
INDE 15 25 32 FOBS= 278.3 SIGMA= 0.7 PHAS= 44.4 FOM= 0.95 TEST= 0
INDE 15 25 34 FOBS= 34.3 SIGMA= 5.0 PHAS= 63.9 FOM= 0.72 TEST= 1
INDE 15 25 36 FOBS= 18.6 SIGMA= 9.3 PHAS= 121.2 FOM= 0.58 TEST= 0
INDE 15 25 38 FOBS= 95.5 SIGMA= 1.8 PHAS= -101.6 FOM= 0.71 TEST= 0
INDE 15 25 40 FOBS= 89.3 SIGMA= 1.9 PHAS= -97.4 FOM= 0.82 TEST= 0
INDE 15 25 42 FOBS= 0.0 SIGMA= 19.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 15 25 44 FOBS= 0.0 SIGMA= 17.6 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 15 25 46 FOBS= 89.2 SIGMA= 1.7 PHAS= 32.5 FOM= 0.80 TEST= 0
INDE 15 25 48 FOBS= 5.6 SIGMA= 29.4 PHAS= 136.1 FOM= 0.06 TEST= 0

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INDE	15	25	50	FOBS=	107.3	SIGMA=	1.4	PHAS=	50.9	FOM=	0.89	TEST=	0
INDE	15	25	52	FOBS=	103.4	SIGMA=	1.4	PHAS=	-9.9	FOM=	0.93	TEST=	0
INDE	15	25	54	FOBS=	97.7	SIGMA=	1.6	PHAS=	-32.8	FOM=	0.92	TEST=	0
INDE	15	25	56	FOBS=	87.0	SIGMA=	2.0	PHAS=	-29.9	FOM=	0.87	TEST=	0
INDE	15	25	58	FOBS=	61.8	SIGMA=	3.4	PHAS=	0.3	FOM=	0.55	TEST=	0
INDE	15	25	60	FOBS=	43.1	SIGMA=	6.9	PHAS=	174.1	FOM=	0.39	TEST=	0
INDE	15	25	62	FOBS=	122.0	SIGMA=	2.2	PHAS=	-37.4	FOM=	0.88	TEST=	0
INDE	15	25	64	FOBS=	0.0	SIGMA=	31.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	25	66	FOBS=	95.6	SIGMA=	5.6	PHAS=	100.6	FOM=	0.86	TEST=	0
INDE	15	25	68	FOBS=	91.3	SIGMA=	5.9	PHAS=	89.6	FOM=	0.91	TEST=	0
INDE	15	25	70	FOBS=	25.6	SIGMA=	20.8	PHAS=	50.6	FOM=	0.40	TEST=	0
INDE	15	26	15	FOBS=	115.5	SIGMA=	0.7	PHAS=	-81.3	FOM=	0.99	TEST=	0
INDE	15	26	17	FOBS=	156.0	SIGMA=	0.7	PHAS=	-69.5	FOM=	0.92	TEST=	1
INDE	15	26	19	FOBS=	39.3	SIGMA=	2.7	PHAS=	-47.0	FOM=	0.95	TEST=	0
INDE	15	26	21	FOBS=	156.2	SIGMA=	0.8	PHAS=	-91.3	FOM=	0.96	TEST=	0
INDE	15	26	23	FOBS=	78.3	SIGMA=	1.4	PHAS=	-129.6	FOM=	0.82	TEST=	0
INDE	15	26	25	FOBS=	205.7	SIGMA=	0.7	PHAS=	99.1	FOM=	0.99	TEST=	0
INDE	15	26	27	FOBS=	60.5	SIGMA=	2.0	PHAS=	109.2	FOM=	0.48	TEST=	1
INDE	15	26	29	FOBS=	183.2	SIGMA=	0.8	PHAS=	-13.1	FOM=	0.98	TEST=	0
INDE	15	26	31	FOBS=	285.4	SIGMA=	0.6	PHAS=	-74.2	FOM=	0.96	TEST=	0
INDE	15	26	33	FOBS=	316.7	SIGMA=	0.7	PHAS=	-79.0	FOM=	0.96	TEST=	0
INDE	15	26	35	FOBS=	176.2	SIGMA=	1.0	PHAS=	132.3	FOM=	0.88	TEST=	1
INDE	15	26	37	FOBS=	190.2	SIGMA=	1.0	PHAS=	177.4	FOM=	0.91	TEST=	0
INDE	15	26	39	FOBS=	209.3	SIGMA=	0.9	PHAS=	-136.5	FOM=	0.96	TEST=	0
INDE	15	26	41	FOBS=	195.9	SIGMA=	1.0	PHAS=	151.3	FOM=	0.94	TEST=	0
INDE	15	26	43	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	15	26	45	FOBS=	116.7	SIGMA=	1.3	PHAS=	-56.3	FOM=	0.85	TEST=	1
INDE	15	26	47	FOBS=	52.6	SIGMA=	2.8	PHAS=	-9.0	FOM=	0.59	TEST=	0
INDE	15	26	49	FOBS=	61.9	SIGMA=	2.4	PHAS=	66.7	FOM=	0.43	TEST=	0
INDE	15	26	51	FOBS=	84.8	SIGMA=	1.8	PHAS=	42.2	FOM=	0.64	TEST=	0
INDE	15	26	53	FOBS=	185.9	SIGMA=	0.8	PHAS=	-86.2	FOM=	0.97	TEST=	0
INDE	15	26	55	FOBS=	135.2	SIGMA=	1.3	PHAS=	-80.8	FOM=	0.93	TEST=	0
INDE	15	26	57	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	15	26	59	FOBS=	59.8	SIGMA=	4.4	PHAS=	53.1	FOM=	0.75	TEST=	0
INDE	15	26	61	FOBS=	36.7	SIGMA=	8.1	PHAS=	131.7	FOM=	0.27	TEST=	0
INDE	15	26	63	FOBS=	70.6	SIGMA=	4.3	PHAS=	-111.4	FOM=	0.89	TEST=	0
INDE	15	26	65	FOBS=	47.6	SIGMA=	10.7	PHAS=	-20.9	FOM=	0.60	TEST=	0
INDE	15	26	67	FOBS=	35.9	SIGMA=	14.5	PHAS=	-112.2	FOM=	0.48	TEST=	0
INDE	15	26	69	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	26	71	FOBS=	67.8	SIGMA=	8.3	PHAS=	21.3	FOM=	0.87	TEST=	0
INDE	15	27	16	FOBS=	46.5	SIGMA=	2.0	PHAS=	-61.7	FOM=	0.96	TEST=	0
INDE	15	27	18	FOBS=	135.5	SIGMA=	0.8	PHAS=	-175.6	FOM=	0.93	TEST=	0
INDE	15	27	20	FOBS=	122.2	SIGMA=	0.9	PHAS=	45.1	FOM=	0.76	TEST=	1
INDE	15	27	22	FOBS=	147.9	SIGMA=	0.8	PHAS=	152.4	FOM=	0.91	TEST=	0
INDE	15	27	24	FOBS=	191.2	SIGMA=	0.7	PHAS=	63.4	FOM=	0.94	TEST=	0
INDE	15	27	26	FOBS=	95.6	SIGMA=	1.2	PHAS=	65.0	FOM=	0.97	TEST=	0
INDE	15	27	28	FOBS=	0.0	SIGMA=	15.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	27	30	FOBS=	75.9	SIGMA=	1.8	PHAS=	-136.8	FOM=	0.92	TEST=	0
INDE	15	27	32	FOBS=	165.3	SIGMA=	1.1	PHAS=	137.6	FOM=	0.86	TEST=	0
INDE	15	27	34	FOBS=	69.4	SIGMA=	2.5	PHAS=	-15.1	FOM=	0.74	TEST=	0
INDE	15	27	36	FOBS=	133.8	SIGMA=	1.3	PHAS=	62.6	FOM=	0.92	TEST=	0
INDE	15	27	38	FOBS=	98.1	SIGMA=	1.8	PHAS=	141.4	FOM=	0.88	TEST=	0
INDE	15	27	40	FOBS=	224.3	SIGMA=	0.9	PHAS=	100.3	FOM=	0.94	TEST=	0
INDE	15	27	42	FOBS=	68.0	SIGMA=	2.5	PHAS=	21.8	FOM=	0.79	TEST=	1
INDE	15	27	44	FOBS=	50.6	SIGMA=	3.2	PHAS=	-19.8	FOM=	0.77	TEST=	0
INDE	15	27	46	FOBS=	44.2	SIGMA=	3.8	PHAS=	120.3	FOM=	0.34	TEST=	0
INDE	15	27	48	FOBS=	30.2	SIGMA=	4.9	PHAS=	136.9	FOM=	0.24	TEST=	0
INDE	15	27	50	FOBS=	121.5	SIGMA=	1.3	PHAS=	4.5	FOM=	0.96	TEST=	0
INDE	15	27	52	FOBS=	87.8	SIGMA=	1.7	PHAS=	-151.8	FOM=	0.89	TEST=	0
INDE	15	27	54	FOBS=	122.9	SIGMA=	1.2	PHAS=	-179.4	FOM=	0.93	TEST=	0
INDE	15	27	56	FOBS=	24.3	SIGMA=	6.7	PHAS=	-51.0	FOM=	0.27	TEST=	1
INDE	15	27	58	FOBS=	87.9	SIGMA=	2.5	PHAS=	46.7	FOM=	0.87	TEST=	0
INDE	15	27	60	FOBS=	56.8	SIGMA=	4.5	PHAS=	169.8	FOM=	0.73	TEST=	0
INDE	15	27	62	FOBS=	99.3	SIGMA=	3.1	PHAS=	54.8	FOM=	0.91	TEST=	0
INDE	15	27	64	FOBS=	27.7	SIGMA=	17.8	PHAS=	-147.9	FOM=	0.60	TEST=	0
INDE	15	27	66	FOBS=	46.5	SIGMA=	11.0	PHAS=	106.8	FOM=	0.51	TEST=	0
INDE	15	27	68	FOBS=	29.7	SIGMA=	17.8	PHAS=	28.5	FOM=	0.34	TEST=	0
INDE	15	27	70	FOBS=	58.6	SIGMA=	3.3	PHAS=	-66.6	FOM=	0.86	TEST=	0
INDE	15	28	15	FOBS=	229.1	SIGMA=	0.5	PHAS=	14.2	FOM=	0.94	TEST=	0
INDE	15	28	17	FOBS=	363.8	SIGMA=	0.5	PHAS=	-44.9	FOM=	0.95	TEST=	1

INDE	15	28	19	FOBS=	66.2	SIGMA=	1.5	PHAS=	53.9	FOM=	0.87	TEST=	0
INDE	15	28	21	FOBS=	81.5	SIGMA=	1.3	PHAS=	4.3	FOM=	0.32	TEST=	0
INDE	15	28	23	FOBS=	178.8	SIGMA=	0.7	PHAS=	-67.4	FOM=	0.55	TEST=	0
INDE	15	28	25	FOBS=	291.0	SIGMA=	0.6	PHAS=	-8.2	FOM=	0.95	TEST=	0
INDE	15	28	27	FOBS=	213.0	SIGMA=	0.7	PHAS=	-48.6	FOM=	0.96	TEST=	0
INDE	15	28	29	FOBS=	124.3	SIGMA=	1.2	PHAS=	-42.3	FOM=	0.78	TEST=	0
INDE	15	28	31	FOBS=	29.4	SIGMA=	5.5	PHAS=	-98.8	FOM=	0.05	TEST=	0
INDE	15	28	33	FOBS=	201.8	SIGMA=	1.0	PHAS=	-101.3	FOM=	0.95	TEST=	0
INDE	15	28	35	FOBS=	128.5	SIGMA=	1.5	PHAS=	-62.1	FOM=	0.85	TEST=	0
INDE	15	28	37	FOBS=	50.7	SIGMA=	3.6	PHAS=	65.2	FOM=	0.88	TEST=	0
INDE	15	28	39	FOBS=	76.2	SIGMA=	2.4	PHAS=	-4.4	FOM=	0.68	TEST=	0
INDE	15	28	41	FOBS=	51.5	SIGMA=	3.3	PHAS=	24.3	FOM=	0.40	TEST=	0
INDE	15	28	43	FOBS=	43.1	SIGMA=	3.8	PHAS=	-145.3	FOM=	0.63	TEST=	1
INDE	15	28	45	FOBS=	73.0	SIGMA=	2.3	PHAS=	-40.3	FOM=	0.67	TEST=	0
INDE	15	28	47	FOBS=	75.1	SIGMA=	2.2	PHAS=	-67.4	FOM=	0.64	TEST=	0
INDE	15	28	49	FOBS=	66.9	SIGMA=	2.3	PHAS=	-60.4	FOM=	0.71	TEST=	0
INDE	15	28	51	FOBS=	49.7	SIGMA=	2.9	PHAS=	67.7	FOM=	0.94	TEST=	0
INDE	15	28	53	FOBS=	16.0	SIGMA=	9.3	PHAS=	64.8	FOM=	0.32	TEST=	0
INDE	15	28	55	FOBS=	48.1	SIGMA=	3.2	PHAS=	-52.3	FOM=	0.89	TEST=	0
INDE	15	28	57	FOBS=	31.2	SIGMA=	7.5	PHAS=	-104.6	FOM=	0.43	TEST=	0
INDE	15	28	59	FOBS=	25.6	SIGMA=	8.3	PHAS=	90.6	FOM=	0.52	TEST=	0
INDE	15	28	61	FOBS=	45.9	SIGMA=	7.7	PHAS=	-71.9	FOM=	0.40	TEST=	0
INDE	15	28	63	FOBS=	0.0	SIGMA=	30.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	15	28	65	FOBS=	47.4	SIGMA=	10.5	PHAS=	139.9	FOM=	0.67	TEST=	0
INDE	15	28	67	FOBS=	0.0	SIGMA=	32.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	28	69	FOBS=	25.3	SIGMA=	8.4	PHAS=	-130.6	FOM=	0.54	TEST=	0
INDE	15	29	16	FOBS=	206.7	SIGMA=	0.6	PHAS=	-121.8	FOM=	0.93	TEST=	0
INDE	15	29	18	FOBS=	266.0	SIGMA=	0.6	PHAS=	-157.9	FOM=	0.99	TEST=	0
INDE	15	29	20	FOBS=	0.0	SIGMA=	15.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	29	22	FOBS=	193.7	SIGMA=	0.7	PHAS=	166.2	FOM=	0.99	TEST=	0
INDE	15	29	24	FOBS=	0.0	SIGMA=	15.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	29	26	FOBS=	328.7	SIGMA=	0.6	PHAS=	171.7	FOM=	0.91	TEST=	0
INDE	15	29	28	FOBS=	102.2	SIGMA=	1.6	PHAS=	178.5	FOM=	0.82	TEST=	1
INDE	15	29	30	FOBS=	228.6	SIGMA=	0.8	PHAS=	-61.1	FOM=	0.87	TEST=	0
INDE	15	29	32	FOBS=	36.3	SIGMA=	5.3	PHAS=	39.0	FOM=	0.44	TEST=	0
INDE	15	29	34	FOBS=	146.2	SIGMA=	1.3	PHAS=	166.9	FOM=	0.89	TEST=	0
INDE	15	29	36	FOBS=	84.8	SIGMA=	2.3	PHAS=	-129.3	FOM=	0.71	TEST=	0
INDE	15	29	38	FOBS=	131.2	SIGMA=	1.5	PHAS=	-106.2	FOM=	0.86	TEST=	0
INDE	15	29	40	FOBS=	79.2	SIGMA=	2.2	PHAS=	109.4	FOM=	0.88	TEST=	0
INDE	15	29	42	FOBS=	55.0	SIGMA=	3.0	PHAS=	-130.3	FOM=	0.81	TEST=	0
INDE	15	29	44	FOBS=	127.2	SIGMA=	1.4	PHAS=	13.4	FOM=	0.89	TEST=	0
INDE	15	29	46	FOBS=	43.6	SIGMA=	3.7	PHAS=	49.3	FOM=	0.73	TEST=	0
INDE	15	29	48	FOBS=	118.9	SIGMA=	1.4	PHAS=	-112.4	FOM=	0.90	TEST=	0
INDE	15	29	50	FOBS=	76.1	SIGMA=	2.1	PHAS=	-41.5	FOM=	0.84	TEST=	1
INDE	15	29	52	FOBS=	97.6	SIGMA=	1.5	PHAS=	-107.0	FOM=	0.85	TEST=	0
INDE	15	29	54	FOBS=	77.9	SIGMA=	2.2	PHAS=	-172.1	FOM=	0.86	TEST=	0
INDE	15	29	56	FOBS=	133.1	SIGMA=	1.5	PHAS=	168.9	FOM=	0.95	TEST=	0
INDE	15	29	58	FOBS=	74.4	SIGMA=	2.7	PHAS=	-9.8	FOM=	0.81	TEST=	0
INDE	15	29	60	FOBS=	64.4	SIGMA=	3.3	PHAS=	162.9	FOM=	0.42	TEST=	0
INDE	15	29	62	FOBS=	89.8	SIGMA=	3.3	PHAS=	47.3	FOM=	0.91	TEST=	0
INDE	15	29	64	FOBS=	73.5	SIGMA=	4.9	PHAS=	123.6	FOM=	0.63	TEST=	1
INDE	15	29	66	FOBS=	0.0	SIGMA=	31.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	29	68	FOBS=	28.0	SIGMA=	18.4	PHAS=	32.3	FOM=	0.45	TEST=	0
INDE	15	29	70	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	30	15	FOBS=	150.8	SIGMA=	0.7	PHAS=	99.3	FOM=	0.90	TEST=	0
INDE	15	30	17	FOBS=	164.0	SIGMA=	0.8	PHAS=	-156.3	FOM=	0.86	TEST=	0
INDE	15	30	19	FOBS=	35.0	SIGMA=	3.0	PHAS=	-88.9	FOM=	0.90	TEST=	0
INDE	15	30	21	FOBS=	113.8	SIGMA=	1.0	PHAS=	72.8	FOM=	0.99	TEST=	0
INDE	15	30	23	FOBS=	138.2	SIGMA=	0.9	PHAS=	-69.3	FOM=	0.72	TEST=	0
INDE	15	30	25	FOBS=	189.2	SIGMA=	0.7	PHAS=	-110.2	FOM=	0.90	TEST=	1
INDE	15	30	27	FOBS=	54.6	SIGMA=	2.8	PHAS=	10.4	FOM=	0.84	TEST=	0
INDE	15	30	29	FOBS=	108.6	SIGMA=	1.6	PHAS=	-121.0	FOM=	0.98	TEST=	0
INDE	15	30	31	FOBS=	144.9	SIGMA=	1.3	PHAS=	130.7	FOM=	0.95	TEST=	0
INDE	15	30	33	FOBS=	38.5	SIGMA=	5.3	PHAS=	-36.3	FOM=	0.59	TEST=	0
INDE	15	30	35	FOBS=	44.0	SIGMA=	4.5	PHAS=	147.1	FOM=	0.30	TEST=	0
INDE	15	30	37	FOBS=	40.9	SIGMA=	5.0	PHAS=	42.4	FOM=	0.82	TEST=	0
INDE	15	30	39	FOBS=	107.6	SIGMA=	1.8	PHAS=	42.3	FOM=	0.86	TEST=	0
INDE	15	30	41	FOBS=	120.9	SIGMA=	1.6	PHAS=	-16.8	FOM=	0.98	TEST=	0
INDE	15	30	43	FOBS=	87.2	SIGMA=	2.0	PHAS=	-54.6	FOM=	0.84	TEST=	0
INDE	15	30	45	FOBS=	118.9	SIGMA=	1.4	PHAS=	-44.9	FOM=	0.96	TEST=	0

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INDE	15	30	47	FOBS=	58.1	SIGMA=	2.8	PHAS=	-160.0	FOM=	0.76	TEST=	0
INDE	15	30	49	FOBS=	74.3	SIGMA=	2.2	PHAS=	-116.1	FOM=	0.92	TEST=	0
INDE	15	30	51	FOBS=	67.2	SIGMA=	2.6	PHAS=	-111.2	FOM=	0.80	TEST=	0
INDE	15	30	53	FOBS=	69.4	SIGMA=	2.6	PHAS=	133.4	FOM=	0.81	TEST=	0
INDE	15	30	55	FOBS=	162.6	SIGMA=	1.2	PHAS=	71.4	FOM=	0.93	TEST=	0
INDE	15	30	57	FOBS=	66.1	SIGMA=	2.8	PHAS=	-128.6	FOM=	0.30	TEST=	1
INDE	15	30	59	FOBS=	69.9	SIGMA=	2.7	PHAS=	-127.3	FOM=	0.88	TEST=	0
INDE	15	30	61	FOBS=	49.5	SIGMA=	5.1	PHAS=	-18.4	FOM=	0.60	TEST=	0
INDE	15	30	63	FOBS=	102.7	SIGMA=	3.0	PHAS=	-42.6	FOM=	0.84	TEST=	0
INDE	15	30	65	FOBS=	47.2	SIGMA=	10.5	PHAS=	-107.8	FOM=	0.82	TEST=	0
INDE	15	30	67	FOBS=	34.1	SIGMA=	14.7	PHAS=	-173.2	FOM=	0.06	TEST=	1
INDE	15	30	69	FOBS=	0.0	SIGMA=	32.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	31	16	FOBS=	253.2	SIGMA=	0.6	PHAS=	81.0	FOM=	0.92	TEST=	0
INDE	15	31	18	FOBS=	190.6	SIGMA=	0.7	PHAS=	-168.6	FOM=	0.87	TEST=	1
INDE	15	31	20	FOBS=	37.1	SIGMA=	3.0	PHAS=	-100.4	FOM=	0.75	TEST=	0
INDE	15	31	22	FOBS=	113.8	SIGMA=	1.1	PHAS=	-116.7	FOM=	0.93	TEST=	0
INDE	15	31	24	FOBS=	220.9	SIGMA=	0.7	PHAS=	141.8	FOM=	0.91	TEST=	0
INDE	15	31	26	FOBS=	294.8	SIGMA=	0.7	PHAS=	-112.6	FOM=	0.89	TEST=	0
INDE	15	31	28	FOBS=	104.2	SIGMA=	1.6	PHAS=	173.7	FOM=	0.94	TEST=	1
INDE	15	31	30	FOBS=	0.0	SIGMA=	18.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	31	32	FOBS=	274.9	SIGMA=	1.3	PHAS=	-146.9	FOM=	0.36	TEST=	1
INDE	15	31	34	FOBS=	228.7	SIGMA=	1.1	PHAS=	-45.7	FOM=	0.97	TEST=	0
INDE	15	31	36	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	31	38	FOBS=	83.5	SIGMA=	2.3	PHAS=	-74.5	FOM=	0.91	TEST=	0
INDE	15	31	40	FOBS=	198.6	SIGMA=	1.0	PHAS=	-63.4	FOM=	0.94	TEST=	0
INDE	15	31	42	FOBS=	191.3	SIGMA=	1.1	PHAS=	-84.3	FOM=	0.95	TEST=	0
INDE	15	31	44	FOBS=	49.9	SIGMA=	3.3	PHAS=	104.0	FOM=	0.82	TEST=	0
INDE	15	31	46	FOBS=	105.5	SIGMA=	1.6	PHAS=	-153.1	FOM=	0.91	TEST=	0
INDE	15	31	48	FOBS=	163.1	SIGMA=	1.1	PHAS=	-176.8	FOM=	0.94	TEST=	0
INDE	15	31	50	FOBS=	138.5	SIGMA=	1.3	PHAS=	144.7	FOM=	0.93	TEST=	0
INDE	15	31	52	FOBS=	109.3	SIGMA=	1.8	PHAS=	162.0	FOM=	0.93	TEST=	0
INDE	15	31	54	FOBS=	138.2	SIGMA=	1.5	PHAS=	73.9	FOM=	0.91	TEST=	0
INDE	15	31	56	FOBS=	55.5	SIGMA=	3.6	PHAS=	88.4	FOM=	0.63	TEST=	0
INDE	15	31	58	FOBS=	27.5	SIGMA=	7.2	PHAS=	-5.6	FOM=	0.48	TEST=	0
INDE	15	31	60	FOBS=	77.3	SIGMA=	2.6	PHAS=	114.6	FOM=	0.80	TEST=	0
INDE	15	31	62	FOBS=	45.3	SIGMA=	5.7	PHAS=	-154.9	FOM=	0.64	TEST=	0
INDE	15	31	64	FOBS=	62.9	SIGMA=	4.1	PHAS=	145.1	FOM=	0.64	TEST=	0
INDE	15	31	66	FOBS=	10.7	SIGMA=	46.6	PHAS=	-146.0	FOM=	0.15	TEST=	0
INDE	15	31	68	FOBS=	41.7	SIGMA=	12.5	PHAS=	120.9	FOM=	0.57	TEST=	0
INDE	15	32	15	FOBS=	92.3	SIGMA=	1.1	PHAS=	-68.6	FOM=	0.90	TEST=	0
INDE	15	32	17	FOBS=	94.9	SIGMA=	1.3	PHAS=	-38.5	FOM=	0.91	TEST=	0
INDE	15	32	19	FOBS=	31.0	SIGMA=	3.7	PHAS=	-118.2	FOM=	0.40	TEST=	0
INDE	15	32	21	FOBS=	125.2	SIGMA=	1.0	PHAS=	121.2	FOM=	0.79	TEST=	0
INDE	15	32	23	FOBS=	32.3	SIGMA=	4.4	PHAS=	62.3	FOM=	0.57	TEST=	1
INDE	15	32	25	FOBS=	188.8	SIGMA=	0.8	PHAS=	-154.1	FOM=	0.92	TEST=	0
INDE	15	32	27	FOBS=	171.2	SIGMA=	0.9	PHAS=	66.3	FOM=	0.95	TEST=	0
INDE	15	32	29	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	32	31	FOBS=	83.3	SIGMA=	2.3	PHAS=	111.1	FOM=	0.94	TEST=	0
INDE	15	32	33	FOBS=	233.2	SIGMA=	1.3	PHAS=	-82.5	FOM=	0.76	TEST=	0
INDE	15	32	35	FOBS=	88.8	SIGMA=	2.3	PHAS=	143.4	FOM=	0.03	TEST=	0
INDE	15	32	37	FOBS=	33.5	SIGMA=	5.7	PHAS=	38.4	FOM=	0.05	TEST=	1
INDE	15	32	39	FOBS=	100.5	SIGMA=	1.9	PHAS=	74.3	FOM=	0.93	TEST=	0
INDE	15	32	41	FOBS=	143.2	SIGMA=	1.4	PHAS=	172.3	FOM=	0.87	TEST=	0
INDE	15	32	43	FOBS=	45.3	SIGMA=	4.0	PHAS=	-131.7	FOM=	0.83	TEST=	0
INDE	15	32	45	FOBS=	170.0	SIGMA=	1.1	PHAS=	77.8	FOM=	0.97	TEST=	0
INDE	15	32	47	FOBS=	144.9	SIGMA=	1.3	PHAS=	86.3	FOM=	0.96	TEST=	0
INDE	15	32	49	FOBS=	146.1	SIGMA=	1.4	PHAS=	48.0	FOM=	0.93	TEST=	0
INDE	15	32	51	FOBS=	70.3	SIGMA=	2.7	PHAS=	61.2	FOM=	0.90	TEST=	0
INDE	15	32	53	FOBS=	139.1	SIGMA=	1.5	PHAS=	12.2	FOM=	0.94	TEST=	0
INDE	15	32	55	FOBS=	76.6	SIGMA=	2.8	PHAS=	23.4	FOM=	0.77	TEST=	0
INDE	15	32	57	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	32	59	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	32	61	FOBS=	39.5	SIGMA=	5.3	PHAS=	135.4	FOM=	0.26	TEST=	0
INDE	15	32	63	FOBS=	35.3	SIGMA=	8.2	PHAS=	-143.2	FOM=	0.17	TEST=	1
INDE	15	32	65	FOBS=	20.2	SIGMA=	18.4	PHAS=	-102.5	FOM=	0.13	TEST=	0
INDE	15	32	67	FOBS=	60.3	SIGMA=	8.5	PHAS=	97.8	FOM=	0.70	TEST=	0
INDE	15	32	69	FOBS=	37.6	SIGMA=	13.9	PHAS=	-61.6	FOM=	0.27	TEST=	0
INDE	15	33	16	FOBS=	332.4	SIGMA=	0.5	PHAS=	138.4	FOM=	0.97	TEST=	0
INDE	15	33	18	FOBS=	154.9	SIGMA=	0.9	PHAS=	124.7	FOM=	0.82	TEST=	0
INDE	15	33	20	FOBS=	241.0	SIGMA=	0.7	PHAS=	113.9	FOM=	0.95	TEST=	0

INDE	15	33	22	FOBS=	171.9	SIGMA=	0.9	PHAS=	-10.4	FOM=	0.92	TEST=	0
INDE	15	33	24	FOBS=	205.1	SIGMA=	0.8	PHAS=	61.1	FOM=	0.91	TEST=	0
INDE	15	33	26	FOBS=	60.8	SIGMA=	2.4	PHAS=	-118.7	FOM=	0.81	TEST=	1
INDE	15	33	28	FOBS=	274.1	SIGMA=	0.8	PHAS=	-52.2	FOM=	0.98	TEST=	0
INDE	15	33	30	FOBS=	144.9	SIGMA=	1.4	PHAS=	47.8	FOM=	0.90	TEST=	0
INDE	15	33	32	FOBS=	390.6	SIGMA=	0.9	PHAS=	-51.0	FOM=	0.99	TEST=	0
INDE	15	33	34	FOBS=	100.5	SIGMA=	2.0	PHAS=	-30.8	FOM=	0.82	TEST=	0
INDE	15	33	36	FOBS=	57.9	SIGMA=	3.4	PHAS=	-18.1	FOM=	0.80	TEST=	0
INDE	15	33	38	FOBS=	123.9	SIGMA=	1.6	PHAS=	-148.3	FOM=	0.95	TEST=	1
INDE	15	33	40	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	33	42	FOBS=	28.3	SIGMA=	6.5	PHAS=	77.7	FOM=	0.66	TEST=	0
INDE	15	33	44	FOBS=	172.1	SIGMA=	1.1	PHAS=	-22.6	FOM=	0.91	TEST=	0
INDE	15	33	46	FOBS=	239.2	SIGMA=	1.1	PHAS=	-37.7	FOM=	0.96	TEST=	0
INDE	15	33	48	FOBS=	39.9	SIGMA=	5.1	PHAS=	-105.6	FOM=	0.28	TEST=	0
INDE	15	33	50	FOBS=	33.9	SIGMA=	5.9	PHAS=	-39.4	FOM=	0.03	TEST=	0
INDE	15	33	52	FOBS=	118.8	SIGMA=	1.7	PHAS=	-69.9	FOM=	0.94	TEST=	0
INDE	15	33	54	FOBS=	36.7	SIGMA=	5.8	PHAS=	-76.7	FOM=	0.55	TEST=	0
INDE	15	33	56	FOBS=	106.6	SIGMA=	2.0	PHAS=	47.2	FOM=	0.92	TEST=	0
INDE	15	33	58	FOBS=	66.9	SIGMA=	3.2	PHAS=	56.0	FOM=	0.86	TEST=	0
INDE	15	33	60	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	33	62	FOBS=	0.0	SIGMA=	24.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	33	64	FOBS=	64.3	SIGMA=	4.1	PHAS=	-156.1	FOM=	0.33	TEST=	0
INDE	15	33	66	FOBS=	0.0	SIGMA=	27.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	33	68	FOBS=	36.5	SIGMA=	14.4	PHAS=	143.7	FOM=	0.43	TEST=	0
INDE	15	34	15	FOBS=	206.7	SIGMA=	0.6	PHAS=	-12.1	FOM=	0.91	TEST=	0
INDE	15	34	17	FOBS=	108.5	SIGMA=	1.2	PHAS=	-6.4	FOM=	0.87	TEST=	0
INDE	15	34	19	FOBS=	226.1	SIGMA=	0.8	PHAS=	42.4	FOM=	0.86	TEST=	0
INDE	15	34	21	FOBS=	78.9	SIGMA=	1.9	PHAS=	-126.9	FOM=	0.94	TEST=	0
INDE	15	34	23	FOBS=	287.3	SIGMA=	0.7	PHAS=	-115.3	FOM=	0.97	TEST=	0
INDE	15	34	25	FOBS=	272.6	SIGMA=	0.7	PHAS=	-165.2	FOM=	0.30	TEST=	1
INDE	15	34	27	FOBS=	300.9	SIGMA=	0.7	PHAS=	-11.7	FOM=	0.47	TEST=	1
INDE	15	34	29	FOBS=	225.9	SIGMA=	0.8	PHAS=	-83.0	FOM=	0.99	TEST=	1
INDE	15	34	31	FOBS=	69.9	SIGMA=	2.9	PHAS=	-153.1	FOM=	0.96	TEST=	0
INDE	15	34	33	FOBS=	350.1	SIGMA=	1.2	PHAS=	-114.6	FOM=	0.98	TEST=	0
INDE	15	34	35	FOBS=	145.9	SIGMA=	1.4	PHAS=	-64.8	FOM=	0.89	TEST=	0
INDE	15	34	37	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	34	39	FOBS=	234.3	SIGMA=	0.9	PHAS=	66.4	FOM=	0.96	TEST=	0
INDE	15	34	41	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	34	43	FOBS=	150.2	SIGMA=	1.4	PHAS=	-142.8	FOM=	0.95	TEST=	0
INDE	15	34	45	FOBS=	135.7	SIGMA=	1.7	PHAS=	-159.6	FOM=	0.90	TEST=	0
INDE	15	34	47	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	34	49	FOBS=	85.7	SIGMA=	2.6	PHAS=	62.9	FOM=	0.84	TEST=	0
INDE	15	34	51	FOBS=	51.9	SIGMA=	3.6	PHAS=	-114.9	FOM=	0.79	TEST=	0
INDE	15	34	53	FOBS=	59.2	SIGMA=	3.4	PHAS=	150.9	FOM=	0.75	TEST=	0
INDE	15	34	55	FOBS=	103.0	SIGMA=	2.1	PHAS=	-98.6	FOM=	0.85	TEST=	0
INDE	15	34	57	FOBS=	150.8	SIGMA=	1.5	PHAS=	-46.4	FOM=	0.95	TEST=	0
INDE	15	34	59	FOBS=	55.3	SIGMA=	3.9	PHAS=	-20.0	FOM=	0.76	TEST=	0
INDE	15	34	61	FOBS=	17.8	SIGMA=	14.4	PHAS=	-166.4	FOM=	0.21	TEST=	0
INDE	15	34	63	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	34	65	FOBS=	40.2	SIGMA=	7.7	PHAS=	85.3	FOM=	0.63	TEST=	0
INDE	15	34	67	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	35	16	FOBS=	303.4	SIGMA=	0.6	PHAS=	-154.8	FOM=	0.95	TEST=	0
INDE	15	35	18	FOBS=	55.4	SIGMA=	2.7	PHAS=	-150.8	FOM=	0.66	TEST=	0
INDE	15	35	20	FOBS=	184.2	SIGMA=	0.9	PHAS=	-169.5	FOM=	0.91	TEST=	0
INDE	15	35	22	FOBS=	253.0	SIGMA=	0.8	PHAS=	63.4	FOM=	0.94	TEST=	0
INDE	15	35	24	FOBS=	199.4	SIGMA=	0.9	PHAS=	36.8	FOM=	0.96	TEST=	0
INDE	15	35	26	FOBS=	355.5	SIGMA=	0.6	PHAS=	116.6	FOM=	0.95	TEST=	0
INDE	15	35	28	FOBS=	222.9	SIGMA=	0.8	PHAS=	149.2	FOM=	0.99	TEST=	0
INDE	15	35	30	FOBS=	92.6	SIGMA=	1.9	PHAS=	176.9	FOM=	0.72	TEST=	0
INDE	15	35	32	FOBS=	338.9	SIGMA=	0.8	PHAS=	-174.0	FOM=	0.99	TEST=	0
INDE	15	35	34	FOBS=	192.0	SIGMA=	1.1	PHAS=	166.3	FOM=	0.96	TEST=	0
INDE	15	35	36	FOBS=	187.4	SIGMA=	1.2	PHAS=	-40.4	FOM=	0.94	TEST=	0
INDE	15	35	38	FOBS=	169.1	SIGMA=	1.2	PHAS=	-74.9	FOM=	0.95	TEST=	0
INDE	15	35	40	FOBS=	27.1	SIGMA=	9.3	PHAS=	-10.3	FOM=	0.16	TEST=	0
INDE	15	35	42	FOBS=	27.4	SIGMA=	8.3	PHAS=	-179.3	FOM=	0.52	TEST=	1
INDE	15	35	44	FOBS=	60.9	SIGMA=	3.7	PHAS=	64.1	FOM=	0.79	TEST=	0
INDE	15	35	46	FOBS=	58.8	SIGMA=	3.8	PHAS=	-14.7	FOM=	0.55	TEST=	0
INDE	15	35	48	FOBS=	56.0	SIGMA=	4.0	PHAS=	-132.2	FOM=	0.73	TEST=	0
INDE	15	35	50	FOBS=	71.4	SIGMA=	3.1	PHAS=	-141.0	FOM=	0.35	TEST=	1
INDE	15	35	52	FOBS=	140.8	SIGMA=	1.6	PHAS=	-78.0	FOM=	0.92	TEST=	0

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INDE	15	35	54	FOBS=	87.7	SIGMA=	2.5	PHAS=	-100.8	FOM=	0.23	TEST=	1
INDE	15	35	56	FOBS=	117.1	SIGMA=	1.9	PHAS=	101.6	FOM=	0.60	TEST=	0
INDE	15	35	58	FOBS=	150.6	SIGMA=	1.5	PHAS=	-134.6	FOM=	0.96	TEST=	0
INDE	15	35	60	FOBS=	39.6	SIGMA=	5.3	PHAS=	157.1	FOM=	0.07	TEST=	1
INDE	15	35	62	FOBS=	38.0	SIGMA=	5.6	PHAS=	25.6	FOM=	0.41	TEST=	0
INDE	15	35	64	FOBS=	45.7	SIGMA=	4.8	PHAS=	59.6	FOM=	0.58	TEST=	0
INDE	15	35	66	FOBS=	13.4	SIGMA=	23.4	PHAS=	-70.2	FOM=	0.20	TEST=	0
INDE	15	36	15	FOBS=	165.1	SIGMA=	1.0	PHAS=	170.8	FOM=	0.86	TEST=	1
INDE	15	36	17	FOBS=	76.9	SIGMA=	1.9	PHAS=	159.5	FOM=	0.86	TEST=	0
INDE	15	36	19	FOBS=	267.9	SIGMA=	0.8	PHAS=	77.0	FOM=	0.97	TEST=	0
INDE	15	36	21	FOBS=	134.3	SIGMA=	1.2	PHAS=	22.1	FOM=	0.94	TEST=	0
INDE	15	36	23	FOBS=	296.5	SIGMA=	0.8	PHAS=	-84.7	FOM=	0.97	TEST=	0
INDE	15	36	25	FOBS=	110.7	SIGMA=	1.7	PHAS=	-72.0	FOM=	0.76	TEST=	0
INDE	15	36	27	FOBS=	243.6	SIGMA=	0.8	PHAS=	36.1	FOM=	0.97	TEST=	0
INDE	15	36	29	FOBS=	121.4	SIGMA=	1.5	PHAS=	30.0	FOM=	0.95	TEST=	0
INDE	15	36	31	FOBS=	173.4	SIGMA=	1.1	PHAS=	77.9	FOM=	0.96	TEST=	0
INDE	15	36	33	FOBS=	133.4	SIGMA=	1.5	PHAS=	99.0	FOM=	0.96	TEST=	0
INDE	15	36	35	FOBS=	121.1	SIGMA=	1.7	PHAS=	-21.3	FOM=	0.80	TEST=	0
INDE	15	36	37	FOBS=	132.4	SIGMA=	1.7	PHAS=	-120.0	FOM=	0.96	TEST=	0
INDE	15	36	39	FOBS=	97.5	SIGMA=	2.4	PHAS=	104.1	FOM=	0.85	TEST=	0
INDE	15	36	41	FOBS=	131.3	SIGMA=	1.8	PHAS=	170.4	FOM=	0.92	TEST=	0
INDE	15	36	43	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	36	45	FOBS=	60.4	SIGMA=	3.7	PHAS=	-151.4	FOM=	0.25	TEST=	1
INDE	15	36	47	FOBS=	28.0	SIGMA=	7.9	PHAS=	-143.0	FOM=	0.03	TEST=	1
INDE	15	36	49	FOBS=	89.4	SIGMA=	2.5	PHAS=	64.1	FOM=	0.91	TEST=	0
INDE	15	36	51	FOBS=	9.6	SIGMA=	22.5	PHAS=	56.6	FOM=	0.04	TEST=	0
INDE	15	36	53	FOBS=	102.3	SIGMA=	2.1	PHAS=	-157.8	FOM=	0.66	TEST=	0
INDE	15	36	55	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	15	36	57	FOBS=	136.1	SIGMA=	1.7	PHAS=	87.5	FOM=	0.96	TEST=	0
INDE	15	36	59	FOBS=	78.6	SIGMA=	2.7	PHAS=	140.8	FOM=	0.69	TEST=	0
INDE	15	36	61	FOBS=	25.1	SIGMA=	12.4	PHAS=	-90.7	FOM=	0.38	TEST=	0
INDE	15	36	63	FOBS=	71.1	SIGMA=	3.1	PHAS=	-31.2	FOM=	0.84	TEST=	0
INDE	15	36	65	FOBS=	47.3	SIGMA=	6.7	PHAS=	91.9	FOM=	0.17	TEST=	1
INDE	15	36	67	FOBS=	0.0	SIGMA=	27.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	37	16	FOBS=	97.9	SIGMA=	1.6	PHAS=	-49.7	FOM=	0.57	TEST=	0
INDE	15	37	18	FOBS=	102.2	SIGMA=	1.6	PHAS=	58.3	FOM=	0.57	TEST=	0
INDE	15	37	20	FOBS=	220.5	SIGMA=	0.8	PHAS=	-87.8	FOM=	0.97	TEST=	0
INDE	15	37	22	FOBS=	92.4	SIGMA=	1.9	PHAS=	27.9	FOM=	0.94	TEST=	0
INDE	15	37	24	FOBS=	149.3	SIGMA=	1.3	PHAS=	-158.1	FOM=	0.79	TEST=	0
INDE	15	37	26	FOBS=	203.3	SIGMA=	1.0	PHAS=	-72.5	FOM=	0.94	TEST=	0
INDE	15	37	28	FOBS=	44.8	SIGMA=	3.9	PHAS=	23.0	FOM=	0.79	TEST=	0
INDE	15	37	30	FOBS=	195.8	SIGMA=	1.0	PHAS=	33.2	FOM=	0.74	TEST=	1
INDE	15	37	32	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	37	34	FOBS=	164.5	SIGMA=	1.2	PHAS=	36.2	FOM=	0.91	TEST=	0
INDE	15	37	36	FOBS=	124.0	SIGMA=	2.0	PHAS=	-115.9	FOM=	0.87	TEST=	0
INDE	15	37	38	FOBS=	123.6	SIGMA=	2.0	PHAS=	-20.7	FOM=	0.86	TEST=	0
INDE	15	37	40	FOBS=	139.9	SIGMA=	1.8	PHAS=	139.3	FOM=	0.92	TEST=	0
INDE	15	37	42	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	37	44	FOBS=	57.4	SIGMA=	3.9	PHAS=	27.8	FOM=	0.53	TEST=	0
INDE	15	37	46	FOBS=	57.0	SIGMA=	3.9	PHAS=	136.4	FOM=	0.65	TEST=	0
INDE	15	37	48	FOBS=	35.0	SIGMA=	6.3	PHAS=	136.8	FOM=	0.30	TEST=	0
INDE	15	37	50	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	37	52	FOBS=	98.4	SIGMA=	2.2	PHAS=	-72.7	FOM=	0.91	TEST=	0
INDE	15	37	54	FOBS=	46.1	SIGMA=	4.6	PHAS=	-50.1	FOM=	0.74	TEST=	0
INDE	15	37	56	FOBS=	38.8	SIGMA=	5.5	PHAS=	-40.4	FOM=	0.82	TEST=	0
INDE	15	37	58	FOBS=	36.1	SIGMA=	5.9	PHAS=	-59.5	FOM=	0.49	TEST=	0
INDE	15	37	60	FOBS=	39.6	SIGMA=	5.9	PHAS=	68.5	FOM=	0.42	TEST=	0
INDE	15	37	62	FOBS=	37.8	SIGMA=	5.7	PHAS=	-100.1	FOM=	0.66	TEST=	0
INDE	15	37	64	FOBS=	50.4	SIGMA=	5.4	PHAS=	-165.5	FOM=	0.86	TEST=	0
INDE	15	37	66	FOBS=	79.2	SIGMA=	4.2	PHAS=	-98.5	FOM=	0.81	TEST=	0
INDE	15	38	15	FOBS=	329.1	SIGMA=	0.7	PHAS=	-61.8	FOM=	0.70	TEST=	1
INDE	15	38	17	FOBS=	396.8	SIGMA=	0.7	PHAS=	-140.7	FOM=	0.96	TEST=	0
INDE	15	38	19	FOBS=	228.8	SIGMA=	0.9	PHAS=	-178.6	FOM=	0.96	TEST=	0
INDE	15	38	21	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	38	23	FOBS=	150.0	SIGMA=	1.3	PHAS=	177.9	FOM=	0.80	TEST=	0
INDE	15	38	25	FOBS=	184.8	SIGMA=	1.1	PHAS=	112.1	FOM=	0.82	TEST=	0
INDE	15	38	27	FOBS=	32.8	SIGMA=	6.0	PHAS=	-81.4	FOM=	0.42	TEST=	0
INDE	15	38	29	FOBS=	99.9	SIGMA=	1.8	PHAS=	30.6	FOM=	0.92	TEST=	1
INDE	15	38	31	FOBS=	132.1	SIGMA=	1.4	PHAS=	-28.8	FOM=	0.81	TEST=	0
INDE	15	38	33	FOBS=	162.7	SIGMA=	1.2	PHAS=	-57.4	FOM=	0.85	TEST=	0

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INDE	15	38	35	FOBS=	86.0	SIGMA=	2.3	PHAS=	-65.4	FOM=	0.91	TEST=	0
INDE	15	38	37	FOBS=	109.9	SIGMA=	2.2	PHAS=	-151.5	FOM=	0.45	TEST=	0
INDE	15	38	39	FOBS=	90.8	SIGMA=	2.6	PHAS=	48.6	FOM=	0.55	TEST=	1
INDE	15	38	41	FOBS=	47.4	SIGMA=	4.8	PHAS=	92.9	FOM=	0.78	TEST=	0
INDE	15	38	43	FOBS=	114.9	SIGMA=	2.0	PHAS=	-7.6	FOM=	0.89	TEST=	0
INDE	15	38	45	FOBS=	133.5	SIGMA=	1.8	PHAS=	-42.9	FOM=	0.95	TEST=	0
INDE	15	38	47	FOBS=	131.0	SIGMA=	1.8	PHAS=	46.3	FOM=	0.94	TEST=	0
INDE	15	38	49	FOBS=	0.0	SIGMA=	22.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	38	51	FOBS=	78.5	SIGMA=	2.8	PHAS=	116.5	FOM=	0.92	TEST=	0
INDE	15	38	53	FOBS=	146.1	SIGMA=	1.6	PHAS=	-148.5	FOM=	0.89	TEST=	0
INDE	15	38	55	FOBS=	70.5	SIGMA=	3.1	PHAS=	-36.2	FOM=	0.46	TEST=	1
INDE	15	38	57	FOBS=	6.3	SIGMA=	36.2	PHAS=	-59.7	FOM=	0.05	TEST=	0
INDE	15	38	59	FOBS=	37.9	SIGMA=	6.1	PHAS=	149.8	FOM=	0.67	TEST=	0
INDE	15	38	61	FOBS=	46.9	SIGMA=	4.6	PHAS=	154.8	FOM=	0.81	TEST=	0
INDE	15	38	63	FOBS=	70.0	SIGMA=	3.2	PHAS=	56.8	FOM=	0.71	TEST=	0
INDE	15	38	65	FOBS=	66.1	SIGMA=	5.0	PHAS=	128.5	FOM=	0.87	TEST=	0
INDE	15	39	16	FOBS=	378.2	SIGMA=	0.7	PHAS=	154.7	FOM=	0.96	TEST=	0
INDE	15	39	18	FOBS=	299.6	SIGMA=	0.8	PHAS=	107.0	FOM=	0.98	TEST=	0
INDE	15	39	20	FOBS=	104.9	SIGMA=	1.7	PHAS=	-150.6	FOM=	0.89	TEST=	0
INDE	15	39	22	FOBS=	225.6	SIGMA=	0.9	PHAS=	20.2	FOM=	0.97	TEST=	0
INDE	15	39	24	FOBS=	246.4	SIGMA=	0.9	PHAS=	-1.6	FOM=	0.94	TEST=	0
INDE	15	39	26	FOBS=	223.7	SIGMA=	1.0	PHAS=	-73.6	FOM=	0.93	TEST=	0
INDE	15	39	28	FOBS=	115.9	SIGMA=	1.8	PHAS=	31.9	FOM=	0.94	TEST=	0
INDE	15	39	30	FOBS=	165.0	SIGMA=	1.3	PHAS=	-21.4	FOM=	0.71	TEST=	1
INDE	15	39	32	FOBS=	159.7	SIGMA=	1.4	PHAS=	-116.0	FOM=	0.96	TEST=	0
INDE	15	39	34	FOBS=	36.0	SIGMA=	4.9	PHAS=	25.3	FOM=	0.85	TEST=	0
INDE	15	39	36	FOBS=	40.9	SIGMA=	4.8	PHAS=	173.2	FOM=	0.83	TEST=	0
INDE	15	39	38	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	39	40	FOBS=	118.8	SIGMA=	2.0	PHAS=	-36.7	FOM=	0.89	TEST=	0
INDE	15	39	42	FOBS=	138.8	SIGMA=	1.8	PHAS=	-75.8	FOM=	0.94	TEST=	0
INDE	15	39	44	FOBS=	91.5	SIGMA=	2.5	PHAS=	-101.6	FOM=	0.93	TEST=	0
INDE	15	39	46	FOBS=	146.0	SIGMA=	1.6	PHAS=	-87.6	FOM=	0.95	TEST=	0
INDE	15	39	48	FOBS=	45.8	SIGMA=	4.8	PHAS=	18.4	FOM=	0.68	TEST=	0
INDE	15	39	50	FOBS=	95.7	SIGMA=	2.3	PHAS=	-9.9	FOM=	0.91	TEST=	0
INDE	15	39	52	FOBS=	128.6	SIGMA=	1.8	PHAS=	164.0	FOM=	0.38	TEST=	1
INDE	15	39	54	FOBS=	102.6	SIGMA=	2.2	PHAS=	-72.8	FOM=	0.87	TEST=	0
INDE	15	39	56	FOBS=	103.4	SIGMA=	2.1	PHAS=	-84.1	FOM=	0.94	TEST=	0
INDE	15	39	58	FOBS=	31.1	SIGMA=	8.6	PHAS=	130.5	FOM=	0.04	TEST=	1
INDE	15	39	60	FOBS=	89.8	SIGMA=	2.5	PHAS=	43.6	FOM=	0.92	TEST=	0
INDE	15	39	62	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	39	64	FOBS=	57.4	SIGMA=	4.9	PHAS=	-35.1	FOM=	0.80	TEST=	0
INDE	15	40	15	FOBS=	191.2	SIGMA=	1.1	PHAS=	54.8	FOM=	0.87	TEST=	1
INDE	15	40	17	FOBS=	202.1	SIGMA=	1.0	PHAS=	60.0	FOM=	0.92	TEST=	0
INDE	15	40	19	FOBS=	25.1	SIGMA=	8.1	PHAS=	-161.8	FOM=	0.48	TEST=	0
INDE	15	40	21	FOBS=	136.0	SIGMA=	1.6	PHAS=	47.6	FOM=	0.98	TEST=	1
INDE	15	40	23	FOBS=	186.1	SIGMA=	1.3	PHAS=	-101.8	FOM=	0.91	TEST=	0
INDE	15	40	25	FOBS=	131.9	SIGMA=	1.7	PHAS=	-146.3	FOM=	0.96	TEST=	0
INDE	15	40	27	FOBS=	184.2	SIGMA=	1.3	PHAS=	-95.6	FOM=	0.91	TEST=	0
INDE	15	40	29	FOBS=	122.3	SIGMA=	1.8	PHAS=	-59.9	FOM=	0.88	TEST=	0
INDE	15	40	31	FOBS=	158.1	SIGMA=	1.3	PHAS=	-88.0	FOM=	0.96	TEST=	0
INDE	15	40	33	FOBS=	128.4	SIGMA=	1.6	PHAS=	-93.6	FOM=	0.89	TEST=	0
INDE	15	40	35	FOBS=	68.2	SIGMA=	3.0	PHAS=	-123.6	FOM=	0.14	TEST=	0
INDE	15	40	37	FOBS=	85.6	SIGMA=	2.3	PHAS=	60.4	FOM=	0.82	TEST=	0
INDE	15	40	39	FOBS=	42.7	SIGMA=	5.5	PHAS=	50.9	FOM=	0.12	TEST=	1
INDE	15	40	41	FOBS=	97.6	SIGMA=	2.4	PHAS=	-107.7	FOM=	0.92	TEST=	0
INDE	15	40	43	FOBS=	105.5	SIGMA=	2.2	PHAS=	-124.9	FOM=	0.92	TEST=	0
INDE	15	40	45	FOBS=	85.0	SIGMA=	2.7	PHAS=	166.8	FOM=	0.93	TEST=	0
INDE	15	40	47	FOBS=	35.2	SIGMA=	7.6	PHAS=	115.3	FOM=	0.25	TEST=	0
INDE	15	40	49	FOBS=	139.1	SIGMA=	1.7	PHAS=	-86.3	FOM=	0.96	TEST=	0
INDE	15	40	51	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	40	53	FOBS=	53.0	SIGMA=	4.1	PHAS=	-91.4	FOM=	0.65	TEST=	0
INDE	15	40	55	FOBS=	40.1	SIGMA=	5.4	PHAS=	-88.0	FOM=	0.86	TEST=	0
INDE	15	40	57	FOBS=	42.4	SIGMA=	6.1	PHAS=	31.5	FOM=	0.08	TEST=	1
INDE	15	40	59	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	15	40	61	FOBS=	8.3	SIGMA=	31.8	PHAS=	-148.5	FOM=	0.11	TEST=	0
INDE	15	40	63	FOBS=	25.6	SIGMA=	11.7	PHAS=	9.3	FOM=	0.63	TEST=	0
INDE	15	41	16	FOBS=	288.0	SIGMA=	0.9	PHAS=	-22.5	FOM=	0.97	TEST=	0
INDE	15	41	18	FOBS=	78.3	SIGMA=	2.7	PHAS=	-86.7	FOM=	0.95	TEST=	0
INDE	15	41	20	FOBS=	35.6	SIGMA=	6.7	PHAS=	-148.8	FOM=	0.49	TEST=	0
INDE	15	41	22	FOBS=	239.7	SIGMA=	1.1	PHAS=	-74.9	FOM=	0.96	TEST=	0

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INDE	15	41	24	FOBS=	99.8	SIGMA=	2.2	PHAS=	-93.4	FOM=	0.34	TEST=	1
INDE	15	41	26	FOBS=	109.5	SIGMA=	2.1	PHAS=	-71.6	FOM=	0.86	TEST=	0
INDE	15	41	28	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	41	30	FOBS=	163.9	SIGMA=	1.3	PHAS=	-170.9	FOM=	0.88	TEST=	0
INDE	15	41	32	FOBS=	232.6	SIGMA=	1.0	PHAS=	-135.2	FOM=	0.93	TEST=	0
INDE	15	41	34	FOBS=	82.4	SIGMA=	2.4	PHAS=	165.6	FOM=	0.55	TEST=	0
INDE	15	41	36	FOBS=	47.1	SIGMA=	4.1	PHAS=	94.3	FOM=	0.11	TEST=	0
INDE	15	41	38	FOBS=	118.1	SIGMA=	1.7	PHAS=	-28.4	FOM=	0.91	TEST=	0
INDE	15	41	40	FOBS=	153.8	SIGMA=	1.6	PHAS=	-61.5	FOM=	0.91	TEST=	0
INDE	15	41	42	FOBS=	88.5	SIGMA=	2.7	PHAS=	171.0	FOM=	0.90	TEST=	0
INDE	15	41	44	FOBS=	120.7	SIGMA=	2.0	PHAS=	98.9	FOM=	0.90	TEST=	0
INDE	15	41	46	FOBS=	50.2	SIGMA=	4.4	PHAS=	38.8	FOM=	0.73	TEST=	0
INDE	15	41	48	FOBS=	35.8	SIGMA=	6.1	PHAS=	156.5	FOM=	0.28	TEST=	1
INDE	15	41	50	FOBS=	38.1	SIGMA=	5.8	PHAS=	4.4	FOM=	0.53	TEST=	0
INDE	15	41	52	FOBS=	86.9	SIGMA=	2.6	PHAS=	162.2	FOM=	0.83	TEST=	0
INDE	15	41	54	FOBS=	87.5	SIGMA=	2.6	PHAS=	179.2	FOM=	0.89	TEST=	0
INDE	15	41	56	FOBS=	156.0	SIGMA=	1.5	PHAS=	-160.1	FOM=	0.97	TEST=	0
INDE	15	41	58	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	41	60	FOBS=	51.4	SIGMA=	4.2	PHAS=	-32.7	FOM=	0.70	TEST=	0
INDE	15	41	62	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	41	64	FOBS=	76.9	SIGMA=	3.7	PHAS=	-40.2	FOM=	0.93	TEST=	0
INDE	15	42	15	FOBS=	49.1	SIGMA=	4.1	PHAS=	-115.4	FOM=	0.87	TEST=	0
INDE	15	42	17	FOBS=	13.7	SIGMA=	15.5	PHAS=	-94.5	FOM=	0.09	TEST=	0
INDE	15	42	19	FOBS=	6.7	SIGMA=	39.1	PHAS=	-125.3	FOM=	0.00	TEST=	1
INDE	15	42	21	FOBS=	132.3	SIGMA=	1.7	PHAS=	93.9	FOM=	0.90	TEST=	0
INDE	15	42	23	FOBS=	177.0	SIGMA=	1.3	PHAS=	-163.2	FOM=	0.94	TEST=	0
INDE	15	42	25	FOBS=	213.0	SIGMA=	1.1	PHAS=	-136.5	FOM=	0.95	TEST=	0
INDE	15	42	27	FOBS=	142.1	SIGMA=	1.6	PHAS=	-80.0	FOM=	0.91	TEST=	0
INDE	15	42	29	FOBS=	137.9	SIGMA=	1.7	PHAS=	-30.7	FOM=	0.34	TEST=	1
INDE	15	42	31	FOBS=	54.9	SIGMA=	3.8	PHAS=	92.3	FOM=	0.53	TEST=	0
INDE	15	42	33	FOBS=	89.2	SIGMA=	2.2	PHAS=	107.4	FOM=	0.66	TEST=	0
INDE	15	42	35	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	42	37	FOBS=	48.5	SIGMA=	4.0	PHAS=	-66.5	FOM=	0.27	TEST=	0
INDE	15	42	39	FOBS=	148.4	SIGMA=	1.4	PHAS=	-124.2	FOM=	0.93	TEST=	0
INDE	15	42	41	FOBS=	20.5	SIGMA=	11.4	PHAS=	142.2	FOM=	0.67	TEST=	0
INDE	15	42	43	FOBS=	57.8	SIGMA=	4.0	PHAS=	-0.4	FOM=	0.64	TEST=	0
INDE	15	42	45	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	42	47	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	42	49	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	42	51	FOBS=	22.1	SIGMA=	9.9	PHAS=	-167.6	FOM=	0.81	TEST=	0
INDE	15	42	53	FOBS=	43.8	SIGMA=	5.0	PHAS=	161.0	FOM=	0.67	TEST=	0
INDE	15	42	55	FOBS=	122.2	SIGMA=	1.9	PHAS=	90.6	FOM=	0.95	TEST=	0
INDE	15	42	57	FOBS=	80.6	SIGMA=	2.7	PHAS=	75.4	FOM=	0.89	TEST=	0
INDE	15	42	59	FOBS=	47.8	SIGMA=	4.5	PHAS=	-167.1	FOM=	0.39	TEST=	0
INDE	15	42	61	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	42	63	FOBS=	51.0	SIGMA=	5.5	PHAS=	-147.4	FOM=	0.76	TEST=	0
INDE	15	43	16	FOBS=	240.1	SIGMA=	1.0	PHAS=	-34.0	FOM=	0.95	TEST=	0
INDE	15	43	18	FOBS=	223.6	SIGMA=	1.1	PHAS=	-61.3	FOM=	0.94	TEST=	0
INDE	15	43	20	FOBS=	125.2	SIGMA=	1.9	PHAS=	22.3	FOM=	0.38	TEST=	1
INDE	15	43	22	FOBS=	84.4	SIGMA=	2.6	PHAS=	-117.5	FOM=	0.83	TEST=	0
INDE	15	43	24	FOBS=	183.4	SIGMA=	1.3	PHAS=	167.8	FOM=	0.93	TEST=	0
INDE	15	43	26	FOBS=	160.3	SIGMA=	1.4	PHAS=	168.4	FOM=	0.91	TEST=	0
INDE	15	43	28	FOBS=	115.4	SIGMA=	1.9	PHAS=	33.4	FOM=	0.87	TEST=	1
INDE	15	43	30	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	15	43	32	FOBS=	141.3	SIGMA=	1.4	PHAS=	-82.7	FOM=	0.93	TEST=	0
INDE	15	43	34	FOBS=	123.8	SIGMA=	1.6	PHAS=	-85.3	FOM=	0.90	TEST=	0
INDE	15	43	36	FOBS=	29.4	SIGMA=	6.6	PHAS=	121.1	FOM=	0.30	TEST=	0
INDE	15	43	38	FOBS=	56.0	SIGMA=	3.9	PHAS=	177.7	FOM=	0.84	TEST=	0
INDE	15	43	40	FOBS=	36.8	SIGMA=	5.2	PHAS=	-113.3	FOM=	0.36	TEST=	0
INDE	15	43	42	FOBS=	87.4	SIGMA=	2.7	PHAS=	55.6	FOM=	0.92	TEST=	0
INDE	15	43	44	FOBS=	0.0	SIGMA=	24.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	43	46	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	15	43	48	FOBS=	63.4	SIGMA=	3.5	PHAS=	-46.6	FOM=	0.88	TEST=	0
INDE	15	43	50	FOBS=	62.1	SIGMA=	3.6	PHAS=	52.8	FOM=	0.56	TEST=	1
INDE	15	43	52	FOBS=	50.4	SIGMA=	4.4	PHAS=	130.4	FOM=	0.58	TEST=	0
INDE	15	43	54	FOBS=	36.8	SIGMA=	6.0	PHAS=	62.1	FOM=	0.52	TEST=	0
INDE	15	43	56	FOBS=	39.7	SIGMA=	5.4	PHAS=	68.5	FOM=	0.40	TEST=	0
INDE	15	43	58	FOBS=	86.6	SIGMA=	2.6	PHAS=	-48.7	FOM=	0.93	TEST=	0
INDE	15	43	60	FOBS=	45.1	SIGMA=	5.4	PHAS=	0.1	FOM=	0.43	TEST=	0
INDE	15	43	62	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	15	44	15	FOBS=	228.1	SIGMA=	1.1	PHAS=	-148.5	FOM=	0.98	TEST=	0
INDE	15	44	17	FOBS=	261.1	SIGMA=	1.0	PHAS=	-127.1	FOM=	0.95	TEST=	0
INDE	15	44	19	FOBS=	265.2	SIGMA=	1.0	PHAS=	-143.0	FOM=	0.97	TEST=	0
INDE	15	44	21	FOBS=	23.0	SIGMA=	9.2	PHAS=	76.8	FOM=	0.07	TEST=	1
INDE	15	44	23	FOBS=	95.4	SIGMA=	2.3	PHAS=	31.0	FOM=	0.45	TEST=	0
INDE	15	44	25	FOBS=	67.6	SIGMA=	3.2	PHAS=	2.9	FOM=	0.73	TEST=	0
INDE	15	44	27	FOBS=	88.6	SIGMA=	2.5	PHAS=	-7.5	FOM=	0.61	TEST=	0
INDE	15	44	29	FOBS=	151.1	SIGMA=	1.5	PHAS=	-34.5	FOM=	0.94	TEST=	0
INDE	15	44	31	FOBS=	71.5	SIGMA=	2.7	PHAS=	152.9	FOM=	0.73	TEST=	0
INDE	15	44	33	FOBS=	187.7	SIGMA=	1.1	PHAS=	161.0	FOM=	0.95	TEST=	0
INDE	15	44	35	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	44	37	FOBS=	61.0	SIGMA=	2.9	PHAS=	165.4	FOM=	0.75	TEST=	0
INDE	15	44	39	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	44	41	FOBS=	40.7	SIGMA=	4.7	PHAS=	-114.9	FOM=	0.62	TEST=	0
INDE	15	44	43	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	44	45	FOBS=	35.0	SIGMA=	7.2	PHAS=	-110.8	FOM=	0.65	TEST=	0
INDE	15	44	47	FOBS=	72.8	SIGMA=	3.1	PHAS=	-150.9	FOM=	0.83	TEST=	0
INDE	15	44	49	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	44	51	FOBS=	50.6	SIGMA=	4.4	PHAS=	-99.3	FOM=	0.79	TEST=	0
INDE	15	44	53	FOBS=	46.7	SIGMA=	4.8	PHAS=	-112.5	FOM=	0.26	TEST=	0
INDE	15	44	55	FOBS=	42.9	SIGMA=	5.2	PHAS=	103.0	FOM=	0.86	TEST=	0
INDE	15	44	57	FOBS=	102.0	SIGMA=	2.2	PHAS=	174.0	FOM=	0.27	TEST=	1
INDE	15	44	59	FOBS=	29.4	SIGMA=	9.1	PHAS=	-89.5	FOM=	0.33	TEST=	0
INDE	15	44	61	FOBS=	92.6	SIGMA=	3.1	PHAS=	12.9	FOM=	0.07	TEST=	1
INDE	15	45	16	FOBS=	339.8	SIGMA=	0.8	PHAS=	98.8	FOM=	0.98	TEST=	0
INDE	15	45	18	FOBS=	213.9	SIGMA=	1.2	PHAS=	146.3	FOM=	0.96	TEST=	0
INDE	15	45	20	FOBS=	12.6	SIGMA=	20.4	PHAS=	85.0	FOM=	0.01	TEST=	1
INDE	15	45	22	FOBS=	12.8	SIGMA=	20.1	PHAS=	51.5	FOM=	0.12	TEST=	0
INDE	15	45	24	FOBS=	206.0	SIGMA=	1.1	PHAS=	-132.8	FOM=	0.97	TEST=	0
INDE	15	45	26	FOBS=	116.7	SIGMA=	1.9	PHAS=	150.1	FOM=	0.80	TEST=	0
INDE	15	45	28	FOBS=	108.3	SIGMA=	2.0	PHAS=	-142.3	FOM=	0.61	TEST=	0
INDE	15	45	30	FOBS=	243.3	SIGMA=	1.0	PHAS=	-154.7	FOM=	0.93	TEST=	0
INDE	15	45	32	FOBS=	144.8	SIGMA=	1.4	PHAS=	51.2	FOM=	0.93	TEST=	0
INDE	15	45	34	FOBS=	101.8	SIGMA=	1.9	PHAS=	-101.3	FOM=	0.96	TEST=	0
INDE	15	45	36	FOBS=	95.1	SIGMA=	2.0	PHAS=	77.6	FOM=	0.86	TEST=	0
INDE	15	45	38	FOBS=	55.5	SIGMA=	3.1	PHAS=	109.1	FOM=	0.62	TEST=	0
INDE	15	45	40	FOBS=	58.7	SIGMA=	3.3	PHAS=	141.5	FOM=	0.87	TEST=	0
INDE	15	45	42	FOBS=	54.6	SIGMA=	3.5	PHAS=	-1.8	FOM=	0.81	TEST=	0
INDE	15	45	44	FOBS=	104.0	SIGMA=	2.3	PHAS=	154.9	FOM=	0.90	TEST=	0
INDE	15	45	46	FOBS=	29.8	SIGMA=	8.3	PHAS=	173.8	FOM=	0.27	TEST=	0
INDE	15	45	48	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	45	50	FOBS=	75.1	SIGMA=	3.0	PHAS=	124.1	FOM=	0.79	TEST=	0
INDE	15	45	52	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	45	54	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	45	56	FOBS=	53.2	SIGMA=	4.2	PHAS=	99.9	FOM=	0.86	TEST=	0
INDE	15	45	58	FOBS=	35.2	SIGMA=	6.3	PHAS=	-22.8	FOM=	0.59	TEST=	0
INDE	15	45	60	FOBS=	36.3	SIGMA=	7.7	PHAS=	-109.9	FOM=	0.66	TEST=	0
INDE	15	46	15	FOBS=	244.6	SIGMA=	1.3	PHAS=	45.5	FOM=	0.97	TEST=	0
INDE	15	46	17	FOBS=	288.3	SIGMA=	0.9	PHAS=	19.2	FOM=	0.96	TEST=	0
INDE	15	46	19	FOBS=	106.0	SIGMA=	2.0	PHAS=	-125.4	FOM=	0.94	TEST=	0
INDE	15	46	21	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	46	23	FOBS=	116.5	SIGMA=	1.9	PHAS=	121.1	FOM=	0.96	TEST=	0
INDE	15	46	25	FOBS=	153.1	SIGMA=	1.5	PHAS=	72.6	FOM=	0.94	TEST=	0
INDE	15	46	27	FOBS=	128.2	SIGMA=	1.7	PHAS=	50.2	FOM=	0.76	TEST=	1
INDE	15	46	29	FOBS=	231.5	SIGMA=	1.1	PHAS=	-137.2	FOM=	0.94	TEST=	0
INDE	15	46	31	FOBS=	50.9	SIGMA=	4.2	PHAS=	11.3	FOM=	0.81	TEST=	0
INDE	15	46	33	FOBS=	37.1	SIGMA=	5.1	PHAS=	-112.7	FOM=	0.51	TEST=	0
INDE	15	46	35	FOBS=	105.3	SIGMA=	1.9	PHAS=	-171.3	FOM=	0.86	TEST=	0
INDE	15	46	37	FOBS=	111.6	SIGMA=	1.8	PHAS=	30.4	FOM=	0.82	TEST=	0
INDE	15	46	39	FOBS=	110.4	SIGMA=	1.6	PHAS=	-28.7	FOM=	0.90	TEST=	0
INDE	15	46	41	FOBS=	96.3	SIGMA=	2.1	PHAS=	-169.0	FOM=	0.67	TEST=	0
INDE	15	46	43	FOBS=	120.4	SIGMA=	1.7	PHAS=	92.9	FOM=	0.41	TEST=	1
INDE	15	46	45	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	46	47	FOBS=	60.5	SIGMA=	3.7	PHAS=	-96.6	FOM=	0.65	TEST=	0
INDE	15	46	49	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	46	51	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	46	53	FOBS=	42.6	SIGMA=	5.2	PHAS=	174.8	FOM=	0.40	TEST=	0
INDE	15	46	55	FOBS=	71.5	SIGMA=	3.2	PHAS=	95.8	FOM=	0.89	TEST=	0
INDE	15	46	57	FOBS=	42.6	SIGMA=	5.2	PHAS=	-105.7	FOM=	0.78	TEST=	0
INDE	15	46	59	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	15	47	16	FOBS=	49.9	SIGMA=	4.7	PHAS=	118.6	FOM=	0.17	TEST=	1
INDE	15	47	18	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	47	20	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	15	47	22	FOBS=	87.0	SIGMA=	2.4	PHAS=	65.0	FOM=	0.96	TEST=	0
INDE	15	47	24	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	47	26	FOBS=	48.7	SIGMA=	4.3	PHAS=	-47.7	FOM=	0.65	TEST=	0
INDE	15	47	28	FOBS=	55.2	SIGMA=	3.8	PHAS=	108.5	FOM=	0.74	TEST=	0
INDE	15	47	30	FOBS=	43.5	SIGMA=	4.9	PHAS=	151.6	FOM=	0.55	TEST=	0
INDE	15	47	32	FOBS=	26.4	SIGMA=	8.0	PHAS=	-20.5	FOM=	0.03	TEST=	1
INDE	15	47	34	FOBS=	106.8	SIGMA=	1.8	PHAS=	130.6	FOM=	0.35	TEST=	1
INDE	15	47	36	FOBS=	27.9	SIGMA=	6.8	PHAS=	-46.9	FOM=	0.14	TEST=	0
INDE	15	47	38	FOBS=	121.0	SIGMA=	1.5	PHAS=	-69.9	FOM=	0.84	TEST=	1
INDE	15	47	40	FOBS=	133.8	SIGMA=	1.4	PHAS=	148.0	FOM=	0.96	TEST=	0
INDE	15	47	42	FOBS=	107.9	SIGMA=	1.8	PHAS=	7.3	FOM=	0.91	TEST=	0
INDE	15	47	44	FOBS=	74.5	SIGMA=	2.6	PHAS=	95.4	FOM=	0.63	TEST=	0
INDE	15	47	46	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	47	48	FOBS=	70.8	SIGMA=	3.2	PHAS=	167.1	FOM=	0.91	TEST=	0
INDE	15	47	50	FOBS=	38.9	SIGMA=	5.8	PHAS=	22.6	FOM=	0.34	TEST=	0
INDE	15	47	52	FOBS=	14.1	SIGMA=	21.7	PHAS=	25.9	FOM=	0.12	TEST=	0
INDE	15	47	54	FOBS=	30.3	SIGMA=	7.4	PHAS=	-37.6	FOM=	0.47	TEST=	0
INDE	15	47	56	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	47	58	FOBS=	41.1	SIGMA=	7.6	PHAS=	140.8	FOM=	0.61	TEST=	0
INDE	15	47	60	FOBS=	98.1	SIGMA=	3.0	PHAS=	-135.6	FOM=	0.86	TEST=	0
INDE	15	48	15	FOBS=	161.4	SIGMA=	1.8	PHAS=	30.0	FOM=	0.92	TEST=	0
INDE	15	48	17	FOBS=	73.8	SIGMA=	2.8	PHAS=	-36.8	FOM=	0.75	TEST=	1
INDE	15	48	19	FOBS=	14.8	SIGMA=	15.1	PHAS=	46.0	FOM=	0.12	TEST=	0
INDE	15	48	21	FOBS=	94.8	SIGMA=	2.2	PHAS=	-118.4	FOM=	0.77	TEST=	0
INDE	15	48	23	FOBS=	28.6	SIGMA=	7.2	PHAS=	122.5	FOM=	0.37	TEST=	0
INDE	15	48	25	FOBS=	137.6	SIGMA=	1.6	PHAS=	109.6	FOM=	0.89	TEST=	0
INDE	15	48	27	FOBS=	109.7	SIGMA=	2.0	PHAS=	-71.0	FOM=	0.84	TEST=	0
INDE	15	48	29	FOBS=	184.5	SIGMA=	1.3	PHAS=	173.4	FOM=	0.90	TEST=	0
INDE	15	48	31	FOBS=	54.4	SIGMA=	3.9	PHAS=	19.4	FOM=	0.83	TEST=	0
INDE	15	48	33	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	48	35	FOBS=	159.0	SIGMA=	1.3	PHAS=	170.0	FOM=	0.93	TEST=	0
INDE	15	48	37	FOBS=	46.6	SIGMA=	4.0	PHAS=	-154.6	FOM=	0.64	TEST=	1
INDE	15	48	39	FOBS=	33.6	SIGMA=	5.1	PHAS=	-42.8	FOM=	0.64	TEST=	0
INDE	15	48	41	FOBS=	35.2	SIGMA=	5.6	PHAS=	-37.7	FOM=	0.54	TEST=	0
INDE	15	48	43	FOBS=	142.7	SIGMA=	1.4	PHAS=	-4.3	FOM=	0.94	TEST=	0
INDE	15	48	45	FOBS=	62.5	SIGMA=	3.1	PHAS=	-51.3	FOM=	0.88	TEST=	0
INDE	15	48	47	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	48	49	FOBS=	32.9	SIGMA=	6.9	PHAS=	-135.8	FOM=	0.34	TEST=	0
INDE	15	48	51	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	48	53	FOBS=	6.1	SIGMA=	36.7	PHAS=	-9.6	FOM=	0.09	TEST=	0
INDE	15	48	55	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	48	57	FOBS=	0.0	SIGMA=	25.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	48	59	FOBS=	14.1	SIGMA=	19.9	PHAS=	104.6	FOM=	0.24	TEST=	0
INDE	15	49	16	FOBS=	169.9	SIGMA=	1.7	PHAS=	-154.6	FOM=	0.96	TEST=	0
INDE	15	49	18	FOBS=	126.7	SIGMA=	1.7	PHAS=	-7.7	FOM=	0.89	TEST=	0
INDE	15	49	20	FOBS=	56.6	SIGMA=	3.6	PHAS=	57.2	FOM=	0.07	TEST=	0
INDE	15	49	22	FOBS=	60.2	SIGMA=	3.4	PHAS=	86.2	FOM=	0.49	TEST=	0
INDE	15	49	24	FOBS=	180.5	SIGMA=	1.3	PHAS=	64.3	FOM=	0.97	TEST=	0
INDE	15	49	26	FOBS=	119.0	SIGMA=	1.8	PHAS=	118.1	FOM=	0.97	TEST=	0
INDE	15	49	28	FOBS=	79.4	SIGMA=	2.7	PHAS=	117.6	FOM=	0.75	TEST=	1
INDE	15	49	30	FOBS=	27.5	SIGMA=	7.5	PHAS=	-84.3	FOM=	0.09	TEST=	1
INDE	15	49	32	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	49	34	FOBS=	77.8	SIGMA=	2.4	PHAS=	-4.4	FOM=	0.92	TEST=	0
INDE	15	49	36	FOBS=	116.0	SIGMA=	1.7	PHAS=	149.4	FOM=	0.96	TEST=	0
INDE	15	49	38	FOBS=	60.4	SIGMA=	3.1	PHAS=	59.0	FOM=	0.76	TEST=	0
INDE	15	49	40	FOBS=	67.2	SIGMA=	2.6	PHAS=	157.0	FOM=	0.80	TEST=	0
INDE	15	49	42	FOBS=	104.9	SIGMA=	1.7	PHAS=	-154.0	FOM=	0.01	TEST=	1
INDE	15	49	44	FOBS=	48.2	SIGMA=	4.2	PHAS=	-158.4	FOM=	0.73	TEST=	0
INDE	15	49	46	FOBS=	53.5	SIGMA=	3.6	PHAS=	-153.2	FOM=	0.82	TEST=	0
INDE	15	49	48	FOBS=	88.7	SIGMA=	2.6	PHAS=	145.2	FOM=	0.91	TEST=	0
INDE	15	49	50	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	49	52	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	15	49	54	FOBS=	61.1	SIGMA=	3.7	PHAS=	-102.3	FOM=	0.58	TEST=	0
INDE	15	49	56	FOBS=	87.9	SIGMA=	3.3	PHAS=	-119.3	FOM=	0.15	TEST=	1
INDE	15	49	58	FOBS=	54.1	SIGMA=	5.3	PHAS=	-178.2	FOM=	0.74	TEST=	0
INDE	15	50	15	FOBS=	303.0	SIGMA=	1.1	PHAS=	93.2	FOM=	0.88	TEST=	1
INDE	15	50	17	FOBS=	177.8	SIGMA=	1.2	PHAS=	-139.8	FOM=	0.93	TEST=	0

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INDE	15	50	19	FOBS=	152.0	SIGMA=	1.4	PHAS=	-105.9	FOM=	0.23	TEST=	1
INDE	15	50	21	FOBS=	46.1	SIGMA=	4.7	PHAS=	-66.7	FOM=	0.53	TEST=	0
INDE	15	50	23	FOBS=	128.7	SIGMA=	1.7	PHAS=	23.7	FOM=	0.84	TEST=	0
INDE	15	50	25	FOBS=	46.2	SIGMA=	4.5	PHAS=	6.2	FOM=	0.83	TEST=	0
INDE	15	50	27	FOBS=	11.4	SIGMA=	18.1	PHAS=	-6.4	FOM=	0.25	TEST=	0
INDE	15	50	29	FOBS=	72.4	SIGMA=	2.9	PHAS=	62.3	FOM=	0.47	TEST=	0
INDE	15	50	31	FOBS=	101.1	SIGMA=	2.1	PHAS=	60.8	FOM=	0.96	TEST=	0
INDE	15	50	33	FOBS=	63.0	SIGMA=	3.4	PHAS=	-172.9	FOM=	0.86	TEST=	0
INDE	15	50	35	FOBS=	42.3	SIGMA=	4.4	PHAS=	74.8	FOM=	0.84	TEST=	0
INDE	15	50	37	FOBS=	123.2	SIGMA=	1.6	PHAS=	73.6	FOM=	0.40	TEST=	1
INDE	15	50	39	FOBS=	94.0	SIGMA=	2.1	PHAS=	68.6	FOM=	0.92	TEST=	0
INDE	15	50	41	FOBS=	36.0	SIGMA=	4.9	PHAS=	-22.3	FOM=	0.62	TEST=	0
INDE	15	50	43	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	15	50	45	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	15	50	47	FOBS=	51.6	SIGMA=	3.7	PHAS=	123.4	FOM=	0.77	TEST=	0
INDE	15	50	49	FOBS=	50.3	SIGMA=	4.6	PHAS=	8.6	FOM=	0.71	TEST=	0
INDE	15	50	51	FOBS=	53.0	SIGMA=	4.3	PHAS=	23.7	FOM=	0.72	TEST=	0
INDE	15	50	53	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	50	55	FOBS=	88.8	SIGMA=	3.2	PHAS=	91.7	FOM=	0.73	TEST=	0
INDE	15	50	57	FOBS=	32.1	SIGMA=	10.1	PHAS=	119.0	FOM=	0.67	TEST=	0
INDE	15	51	16	FOBS=	135.9	SIGMA=	2.1	PHAS=	23.8	FOM=	0.77	TEST=	1
INDE	15	51	18	FOBS=	38.8	SIGMA=	5.2	PHAS=	148.2	FOM=	0.37	TEST=	1
INDE	15	51	20	FOBS=	36.1	SIGMA=	6.5	PHAS=	-124.2	FOM=	0.16	TEST=	0
INDE	15	51	22	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	51	24	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	51	26	FOBS=	28.2	SIGMA=	7.4	PHAS=	-24.8	FOM=	0.15	TEST=	0
INDE	15	51	28	FOBS=	136.9	SIGMA=	1.6	PHAS=	-117.7	FOM=	0.91	TEST=	0
INDE	15	51	30	FOBS=	22.7	SIGMA=	11.0	PHAS=	167.4	FOM=	0.16	TEST=	0
INDE	15	51	32	FOBS=	117.6	SIGMA=	1.8	PHAS=	86.4	FOM=	0.92	TEST=	0
INDE	15	51	34	FOBS=	61.7	SIGMA=	3.4	PHAS=	19.0	FOM=	0.85	TEST=	0
INDE	15	51	36	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	51	38	FOBS=	121.0	SIGMA=	1.6	PHAS=	28.5	FOM=	0.94	TEST=	0
INDE	15	51	40	FOBS=	66.9	SIGMA=	2.7	PHAS=	-79.9	FOM=	0.89	TEST=	0
INDE	15	51	42	FOBS=	24.6	SIGMA=	7.0	PHAS=	155.3	FOM=	0.55	TEST=	0
INDE	15	51	44	FOBS=	37.0	SIGMA=	4.6	PHAS=	137.2	FOM=	0.61	TEST=	0
INDE	15	51	46	FOBS=	46.2	SIGMA=	4.2	PHAS=	134.5	FOM=	0.79	TEST=	0
INDE	15	51	48	FOBS=	53.0	SIGMA=	4.0	PHAS=	103.4	FOM=	0.46	TEST=	0
INDE	15	51	50	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	51	52	FOBS=	31.3	SIGMA=	10.4	PHAS=	34.6	FOM=	0.66	TEST=	0
INDE	15	51	54	FOBS=	18.0	SIGMA=	18.8	PHAS=	-46.9	FOM=	0.38	TEST=	0
INDE	15	51	56	FOBS=	95.1	SIGMA=	3.1	PHAS=	-48.4	FOM=	0.90	TEST=	0
INDE	15	52	15	FOBS=	26.2	SIGMA=	10.0	PHAS=	-156.4	FOM=	0.22	TEST=	0
INDE	15	52	17	FOBS=	32.0	SIGMA=	11.3	PHAS=	-93.2	FOM=	0.45	TEST=	0
INDE	15	52	19	FOBS=	143.5	SIGMA=	1.5	PHAS=	-166.8	FOM=	0.93	TEST=	0
INDE	15	52	21	FOBS=	118.3	SIGMA=	1.8	PHAS=	110.5	FOM=	0.61	TEST=	0
INDE	15	52	23	FOBS=	117.1	SIGMA=	1.8	PHAS=	55.2	FOM=	0.83	TEST=	0
INDE	15	52	25	FOBS=	98.3	SIGMA=	2.2	PHAS=	-100.7	FOM=	0.93	TEST=	0
INDE	15	52	27	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	52	29	FOBS=	50.6	SIGMA=	4.1	PHAS=	-152.1	FOM=	0.70	TEST=	0
INDE	15	52	31	FOBS=	75.5	SIGMA=	2.8	PHAS=	61.8	FOM=	0.82	TEST=	1
INDE	15	52	33	FOBS=	40.5	SIGMA=	5.1	PHAS=	-29.1	FOM=	0.26	TEST=	0
INDE	15	52	35	FOBS=	56.3	SIGMA=	3.3	PHAS=	-81.9	FOM=	0.60	TEST=	0
INDE	15	52	37	FOBS=	65.9	SIGMA=	2.8	PHAS=	-4.7	FOM=	0.74	TEST=	0
INDE	15	52	39	FOBS=	47.0	SIGMA=	4.0	PHAS=	-168.6	FOM=	0.52	TEST=	0
INDE	15	52	41	FOBS=	54.8	SIGMA=	3.1	PHAS=	33.3	FOM=	0.73	TEST=	0
INDE	15	52	43	FOBS=	66.5	SIGMA=	2.6	PHAS=	69.7	FOM=	0.66	TEST=	0
INDE	15	52	45	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	52	47	FOBS=	50.9	SIGMA=	3.8	PHAS=	-150.3	FOM=	0.11	TEST=	0
INDE	15	52	49	FOBS=	71.4	SIGMA=	3.0	PHAS=	-51.6	FOM=	0.90	TEST=	0
INDE	15	52	51	FOBS=	53.2	SIGMA=	4.4	PHAS=	-8.7	FOM=	0.82	TEST=	0
INDE	15	52	53	FOBS=	41.1	SIGMA=	8.5	PHAS=	-1.4	FOM=	0.25	TEST=	1
INDE	15	52	55	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	53	16	FOBS=	157.5	SIGMA=	1.8	PHAS=	46.7	FOM=	0.92	TEST=	0
INDE	15	53	18	FOBS=	51.6	SIGMA=	5.1	PHAS=	-134.9	FOM=	0.40	TEST=	0
INDE	15	53	20	FOBS=	162.5	SIGMA=	1.3	PHAS=	110.0	FOM=	0.97	TEST=	0
INDE	15	53	22	FOBS=	162.8	SIGMA=	1.3	PHAS=	82.2	FOM=	0.34	TEST=	1
INDE	15	53	24	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	53	26	FOBS=	119.9	SIGMA=	1.8	PHAS=	-166.7	FOM=	0.95	TEST=	0
INDE	15	53	28	FOBS=	136.7	SIGMA=	1.6	PHAS=	162.0	FOM=	0.94	TEST=	0
INDE	15	53	30	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0

INDE	15	53	32	FOBS=	36.4	SIGMA=	5.6	PHAS=	-124.6	FOM=	0.56	TEST=	0
INDE	15	53	34	FOBS=	19.4	SIGMA=	11.7	PHAS=	62.9	FOM=	0.07	TEST=	1
INDE	15	53	36	FOBS=	38.4	SIGMA=	4.7	PHAS=	127.3	FOM=	0.41	TEST=	0
INDE	15	53	38	FOBS=	88.7	SIGMA=	2.1	PHAS=	148.6	FOM=	0.91	TEST=	0
INDE	15	53	40	FOBS=	63.6	SIGMA=	3.0	PHAS=	-96.2	FOM=	0.51	TEST=	1
INDE	15	53	42	FOBS=	44.1	SIGMA=	4.4	PHAS=	-73.6	FOM=	0.27	TEST=	0
INDE	15	53	44	FOBS=	47.3	SIGMA=	3.7	PHAS=	80.7	FOM=	0.49	TEST=	0
INDE	15	53	46	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	53	48	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	53	50	FOBS=	52.9	SIGMA=	4.8	PHAS=	12.0	FOM=	0.08	TEST=	1
INDE	15	53	52	FOBS=	63.3	SIGMA=	5.6	PHAS=	-85.3	FOM=	0.86	TEST=	0
INDE	15	53	54	FOBS=	21.9	SIGMA=	20.6	PHAS=	-99.5	FOM=	0.46	TEST=	0
INDE	15	54	15	FOBS=	154.7	SIGMA=	1.8	PHAS=	-139.1	FOM=	0.85	TEST=	0
INDE	15	54	17	FOBS=	104.3	SIGMA=	2.6	PHAS=	4.4	FOM=	0.75	TEST=	1
INDE	15	54	19	FOBS=	117.7	SIGMA=	1.8	PHAS=	-37.9	FOM=	0.80	TEST=	0
INDE	15	54	21	FOBS=	117.8	SIGMA=	1.8	PHAS=	48.5	FOM=	0.50	TEST=	1
INDE	15	54	23	FOBS=	69.9	SIGMA=	2.9	PHAS=	13.9	FOM=	0.52	TEST=	0
INDE	15	54	25	FOBS=	74.5	SIGMA=	2.8	PHAS=	142.9	FOM=	0.76	TEST=	0
INDE	15	54	27	FOBS=	114.1	SIGMA=	1.8	PHAS=	73.1	FOM=	0.91	TEST=	0
INDE	15	54	29	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	54	31	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	54	33	FOBS=	70.5	SIGMA=	3.0	PHAS=	141.4	FOM=	0.56	TEST=	0
INDE	15	54	35	FOBS=	49.9	SIGMA=	4.2	PHAS=	-23.4	FOM=	0.34	TEST=	0
INDE	15	54	37	FOBS=	111.3	SIGMA=	1.7	PHAS=	43.9	FOM=	0.94	TEST=	0
INDE	15	54	39	FOBS=	31.2	SIGMA=	6.7	PHAS=	55.9	FOM=	0.34	TEST=	0
INDE	15	54	41	FOBS=	80.1	SIGMA=	2.4	PHAS=	-131.7	FOM=	0.80	TEST=	0
INDE	15	54	43	FOBS=	79.2	SIGMA=	2.2	PHAS=	103.6	FOM=	0.87	TEST=	0
INDE	15	54	45	FOBS=	55.0	SIGMA=	3.4	PHAS=	31.7	FOM=	0.02	TEST=	1
INDE	15	54	47	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	54	49	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	54	51	FOBS=	0.0	SIGMA=	26.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	15	54	53	FOBS=	43.4	SIGMA=	10.7	PHAS=	154.4	FOM=	0.62	TEST=	0
INDE	15	55	16	FOBS=	19.9	SIGMA=	15.0	PHAS=	100.2	FOM=	0.17	TEST=	0
INDE	15	55	18	FOBS=	76.9	SIGMA=	3.3	PHAS=	-70.1	FOM=	0.75	TEST=	0
INDE	15	55	20	FOBS=	195.2	SIGMA=	1.2	PHAS=	151.8	FOM=	0.96	TEST=	0
INDE	15	55	22	FOBS=	70.0	SIGMA=	3.1	PHAS=	-121.8	FOM=	0.07	TEST=	1
INDE	15	55	24	FOBS=	113.3	SIGMA=	1.9	PHAS=	-10.4	FOM=	0.90	TEST=	0
INDE	15	55	26	FOBS=	76.7	SIGMA=	2.7	PHAS=	-145.8	FOM=	0.88	TEST=	0
INDE	15	55	28	FOBS=	56.6	SIGMA=	3.5	PHAS=	176.7	FOM=	0.14	TEST=	1
INDE	15	55	30	FOBS=	64.4	SIGMA=	3.2	PHAS=	171.1	FOM=	0.45	TEST=	0
INDE	15	55	32	FOBS=	46.3	SIGMA=	4.4	PHAS=	-65.5	FOM=	0.69	TEST=	0
INDE	15	55	34	FOBS=	85.4	SIGMA=	2.5	PHAS=	127.1	FOM=	0.87	TEST=	0
INDE	15	55	36	FOBS=	12.0	SIGMA=	17.3	PHAS=	-34.1	FOM=	0.43	TEST=	0
INDE	15	55	38	FOBS=	46.2	SIGMA=	4.0	PHAS=	-107.4	FOM=	0.74	TEST=	0
INDE	15	55	40	FOBS=	90.1	SIGMA=	2.3	PHAS=	144.7	FOM=	0.87	TEST=	0
INDE	15	55	42	FOBS=	57.7	SIGMA=	3.2	PHAS=	-36.6	FOM=	0.73	TEST=	0
INDE	15	55	44	FOBS=	126.9	SIGMA=	1.7	PHAS=	11.9	FOM=	0.96	TEST=	0
INDE	15	55	46	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	55	48	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	55	50	FOBS=	0.0	SIGMA=	26.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	55	52	FOBS=	66.4	SIGMA=	5.6	PHAS=	-47.8	FOM=	0.88	TEST=	0
INDE	15	56	15	FOBS=	32.6	SIGMA=	6.3	PHAS=	84.5	FOM=	0.08	TEST=	1
INDE	15	56	17	FOBS=	152.3	SIGMA=	1.8	PHAS=	-10.2	FOM=	0.94	TEST=	0
INDE	15	56	19	FOBS=	155.3	SIGMA=	1.8	PHAS=	3.7	FOM=	0.94	TEST=	0
INDE	15	56	21	FOBS=	179.6	SIGMA=	1.2	PHAS=	118.1	FOM=	0.58	TEST=	1
INDE	15	56	23	FOBS=	93.2	SIGMA=	2.2	PHAS=	-112.1	FOM=	0.71	TEST=	0
INDE	15	56	25	FOBS=	115.9	SIGMA=	1.8	PHAS=	-178.3	FOM=	0.89	TEST=	0
INDE	15	56	27	FOBS=	92.2	SIGMA=	2.3	PHAS=	144.8	FOM=	0.94	TEST=	0
INDE	15	56	29	FOBS=	60.5	SIGMA=	3.4	PHAS=	105.6	FOM=	0.35	TEST=	0
INDE	15	56	31	FOBS=	69.2	SIGMA=	3.0	PHAS=	0.9	FOM=	0.12	TEST=	1
INDE	15	56	33	FOBS=	19.8	SIGMA=	10.2	PHAS=	-176.0	FOM=	0.24	TEST=	1
INDE	15	56	35	FOBS=	76.1	SIGMA=	3.1	PHAS=	-71.9	FOM=	0.87	TEST=	0
INDE	15	56	37	FOBS=	46.3	SIGMA=	4.6	PHAS=	177.8	FOM=	0.82	TEST=	0
INDE	15	56	39	FOBS=	73.3	SIGMA=	3.0	PHAS=	7.1	FOM=	0.93	TEST=	0
INDE	15	56	41	FOBS=	10.1	SIGMA=	24.1	PHAS=	-179.4	FOM=	0.01	TEST=	1
INDE	15	56	43	FOBS=	51.2	SIGMA=	3.9	PHAS=	-114.5	FOM=	0.83	TEST=	0
INDE	15	56	45	FOBS=	86.1	SIGMA=	2.4	PHAS=	-114.9	FOM=	0.90	TEST=	0
INDE	15	56	47	FOBS=	59.5	SIGMA=	3.8	PHAS=	31.2	FOM=	0.59	TEST=	0
INDE	15	56	49	FOBS=	54.9	SIGMA=	5.0	PHAS=	155.3	FOM=	0.36	TEST=	0
INDE	15	56	51	FOBS=	73.0	SIGMA=	5.0	PHAS=	174.3	FOM=	0.90	TEST=	0

INDE	15	57	16	FOBS=	179.7	SIGMA=	1.6	PHAS=	-103.4	FOM=	0.95	TEST=	0
INDE	15	57	18	FOBS=	179.3	SIGMA=	1.6	PHAS=	-79.0	FOM=	0.96	TEST=	0
INDE	15	57	20	FOBS=	109.9	SIGMA=	2.4	PHAS=	-45.6	FOM=	0.94	TEST=	0
INDE	15	57	22	FOBS=	21.3	SIGMA=	9.8	PHAS=	125.9	FOM=	0.49	TEST=	0
INDE	15	57	24	FOBS=	81.7	SIGMA=	2.5	PHAS=	111.2	FOM=	0.94	TEST=	0
INDE	15	57	26	FOBS=	141.3	SIGMA=	1.5	PHAS=	117.5	FOM=	0.94	TEST=	0
INDE	15	57	28	FOBS=	94.2	SIGMA=	2.2	PHAS=	51.4	FOM=	0.85	TEST=	0
INDE	15	57	30	FOBS=	68.9	SIGMA=	3.0	PHAS=	102.3	FOM=	0.80	TEST=	0
INDE	15	57	32	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	57	34	FOBS=	107.5	SIGMA=	2.4	PHAS=	157.3	FOM=	0.90	TEST=	0
INDE	15	57	36	FOBS=	40.2	SIGMA=	6.3	PHAS=	-173.2	FOM=	0.08	TEST=	0
INDE	15	57	38	FOBS=	75.8	SIGMA=	2.9	PHAS=	-79.8	FOM=	0.83	TEST=	0
INDE	15	57	40	FOBS=	17.8	SIGMA=	12.2	PHAS=	-121.9	FOM=	0.43	TEST=	0
INDE	15	57	42	FOBS=	48.9	SIGMA=	5.0	PHAS=	-163.9	FOM=	0.82	TEST=	0
INDE	15	57	44	FOBS=	100.9	SIGMA=	2.1	PHAS=	29.6	FOM=	0.95	TEST=	0
INDE	15	57	46	FOBS=	94.4	SIGMA=	2.5	PHAS=	-93.9	FOM=	0.94	TEST=	0
INDE	15	57	48	FOBS=	57.6	SIGMA=	4.7	PHAS=	96.2	FOM=	0.15	TEST=	1
INDE	15	57	50	FOBS=	86.6	SIGMA=	3.3	PHAS=	71.2	FOM=	0.87	TEST=	0
INDE	15	58	15	FOBS=	109.3	SIGMA=	1.9	PHAS=	-156.0	FOM=	0.66	TEST=	0
INDE	15	58	17	FOBS=	79.5	SIGMA=	3.2	PHAS=	-132.0	FOM=	0.42	TEST=	0
INDE	15	58	19	FOBS=	85.2	SIGMA=	3.0	PHAS=	-14.9	FOM=	0.74	TEST=	0
INDE	15	58	21	FOBS=	89.9	SIGMA=	2.2	PHAS=	154.4	FOM=	0.95	TEST=	0
INDE	15	58	23	FOBS=	94.8	SIGMA=	2.1	PHAS=	49.0	FOM=	0.67	TEST=	0
INDE	15	58	25	FOBS=	84.1	SIGMA=	2.4	PHAS=	49.1	FOM=	0.90	TEST=	0
INDE	15	58	27	FOBS=	84.3	SIGMA=	2.7	PHAS=	-124.9	FOM=	0.11	TEST=	0
INDE	15	58	29	FOBS=	62.0	SIGMA=	4.0	PHAS=	111.5	FOM=	0.37	TEST=	0
INDE	15	58	31	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	58	33	FOBS=	48.8	SIGMA=	5.1	PHAS=	15.6	FOM=	0.43	TEST=	0
INDE	15	58	35	FOBS=	24.5	SIGMA=	10.3	PHAS=	-136.5	FOM=	0.33	TEST=	0
INDE	15	58	37	FOBS=	100.0	SIGMA=	2.7	PHAS=	176.1	FOM=	0.95	TEST=	0
INDE	15	58	39	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	58	41	FOBS=	40.3	SIGMA=	7.6	PHAS=	-147.1	FOM=	0.49	TEST=	0
INDE	15	58	43	FOBS=	110.3	SIGMA=	2.0	PHAS=	-32.8	FOM=	0.96	TEST=	0
INDE	15	58	45	FOBS=	115.7	SIGMA=	1.8	PHAS=	-133.0	FOM=	0.96	TEST=	0
INDE	15	58	47	FOBS=	50.9	SIGMA=	5.4	PHAS=	129.9	FOM=	0.86	TEST=	0
INDE	15	58	49	FOBS=	42.8	SIGMA=	8.6	PHAS=	35.3	FOM=	0.22	TEST=	0
INDE	15	59	16	FOBS=	146.6	SIGMA=	1.8	PHAS=	-167.6	FOM=	0.97	TEST=	0
INDE	15	59	18	FOBS=	90.2	SIGMA=	2.8	PHAS=	-120.8	FOM=	0.91	TEST=	0
INDE	15	59	20	FOBS=	86.8	SIGMA=	2.9	PHAS=	7.0	FOM=	0.86	TEST=	0
INDE	15	59	22	FOBS=	87.2	SIGMA=	2.5	PHAS=	86.5	FOM=	0.87	TEST=	0
INDE	15	59	24	FOBS=	27.7	SIGMA=	8.3	PHAS=	-43.7	FOM=	0.22	TEST=	0
INDE	15	59	26	FOBS=	125.6	SIGMA=	2.0	PHAS=	-179.0	FOM=	0.05	TEST=	1
INDE	15	59	28	FOBS=	94.3	SIGMA=	2.7	PHAS=	-43.2	FOM=	0.64	TEST=	0
INDE	15	59	30	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	59	32	FOBS=	112.4	SIGMA=	2.3	PHAS=	165.2	FOM=	0.94	TEST=	0
INDE	15	59	34	FOBS=	34.0	SIGMA=	8.6	PHAS=	-169.7	FOM=	0.08	TEST=	0
INDE	15	59	36	FOBS=	125.2	SIGMA=	2.2	PHAS=	53.9	FOM=	0.95	TEST=	0
INDE	15	59	38	FOBS=	59.5	SIGMA=	4.1	PHAS=	162.2	FOM=	0.81	TEST=	0
INDE	15	59	40	FOBS=	9.7	SIGMA=	27.4	PHAS=	-86.3	FOM=	0.06	TEST=	1
INDE	15	59	42	FOBS=	112.7	SIGMA=	2.1	PHAS=	-136.6	FOM=	0.95	TEST=	0
INDE	15	59	44	FOBS=	57.3	SIGMA=	3.9	PHAS=	41.0	FOM=	0.41	TEST=	0
INDE	15	59	46	FOBS=	53.6	SIGMA=	6.4	PHAS=	73.2	FOM=	0.91	TEST=	0
INDE	15	59	48	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	60	15	FOBS=	57.6	SIGMA=	2.8	PHAS=	107.1	FOM=	0.86	TEST=	0
INDE	15	60	17	FOBS=	57.5	SIGMA=	4.9	PHAS=	46.5	FOM=	0.03	TEST=	1
INDE	15	60	19	FOBS=	73.7	SIGMA=	3.9	PHAS=	49.1	FOM=	0.83	TEST=	0
INDE	15	60	21	FOBS=	47.0	SIGMA=	6.1	PHAS=	-58.4	FOM=	0.40	TEST=	0
INDE	15	60	23	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	60	25	FOBS=	44.9	SIGMA=	7.2	PHAS=	169.9	FOM=	0.55	TEST=	0
INDE	15	60	27	FOBS=	20.7	SIGMA=	11.4	PHAS=	-151.8	FOM=	0.43	TEST=	0
INDE	15	60	29	FOBS=	81.4	SIGMA=	3.1	PHAS=	-129.6	FOM=	0.88	TEST=	0
INDE	15	60	31	FOBS=	48.2	SIGMA=	5.1	PHAS=	32.2	FOM=	0.70	TEST=	0
INDE	15	60	33	FOBS=	30.1	SIGMA=	8.3	PHAS=	82.8	FOM=	0.67	TEST=	0
INDE	15	60	35	FOBS=	92.0	SIGMA=	2.9	PHAS=	-23.4	FOM=	0.82	TEST=	0
INDE	15	60	37	FOBS=	70.6	SIGMA=	3.8	PHAS=	71.5	FOM=	0.85	TEST=	0
INDE	15	60	39	FOBS=	46.6	SIGMA=	5.2	PHAS=	26.9	FOM=	0.52	TEST=	0
INDE	15	60	41	FOBS=	71.4	SIGMA=	3.5	PHAS=	-45.8	FOM=	0.92	TEST=	0
INDE	15	60	43	FOBS=	57.7	SIGMA=	4.5	PHAS=	45.9	FOM=	0.78	TEST=	0
INDE	15	60	45	FOBS=	19.9	SIGMA=	15.3	PHAS=	-142.5	FOM=	0.01	TEST=	1
INDE	15	60	47	FOBS=	83.9	SIGMA=	3.4	PHAS=	3.8	FOM=	0.84	TEST=	0

INDE	15	61	16	FOBS=	62.0	SIGMA=	3.8	PHAS=	-136.3	FOM=	0.76	TEST=	0
INDE	15	61	18	FOBS=	35.2	SIGMA=	9.7	PHAS=	-163.7	FOM=	0.40	TEST=	0
INDE	15	61	20	FOBS=	17.4	SIGMA=	19.6	PHAS=	23.3	FOM=	0.02	TEST=	1
INDE	15	61	22	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	61	24	FOBS=	43.7	SIGMA=	5.3	PHAS=	144.0	FOM=	0.78	TEST=	0
INDE	15	61	26	FOBS=	56.1	SIGMA=	4.2	PHAS=	150.0	FOM=	0.84	TEST=	0
INDE	15	61	28	FOBS=	13.4	SIGMA=	20.8	PHAS=	112.9	FOM=	0.31	TEST=	0
INDE	15	61	30	FOBS=	22.2	SIGMA=	11.0	PHAS=	97.7	FOM=	0.32	TEST=	0
INDE	15	61	32	FOBS=	42.6	SIGMA=	5.9	PHAS=	148.7	FOM=	0.60	TEST=	0
INDE	15	61	34	FOBS=	28.8	SIGMA=	8.8	PHAS=	-82.6	FOM=	0.06	TEST=	1
INDE	15	61	36	FOBS=	107.0	SIGMA=	2.5	PHAS=	-26.2	FOM=	0.95	TEST=	0
INDE	15	61	38	FOBS=	30.6	SIGMA=	8.6	PHAS=	71.0	FOM=	0.03	TEST=	1
INDE	15	61	40	FOBS=	64.6	SIGMA=	3.5	PHAS=	-91.2	FOM=	0.75	TEST=	0
INDE	15	61	42	FOBS=	104.7	SIGMA=	2.5	PHAS=	-113.3	FOM=	0.95	TEST=	0
INDE	15	61	44	FOBS=	49.8	SIGMA=	5.7	PHAS=	-59.1	FOM=	0.07	TEST=	0
INDE	15	62	15	FOBS=	53.9	SIGMA=	2.9	PHAS=	-147.2	FOM=	0.22	TEST=	0
INDE	15	62	17	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	62	19	FOBS=	67.3	SIGMA=	5.1	PHAS=	54.6	FOM=	0.63	TEST=	0
INDE	15	62	21	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	62	23	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	62	25	FOBS=	74.6	SIGMA=	3.2	PHAS=	131.5	FOM=	0.84	TEST=	0
INDE	15	62	27	FOBS=	70.8	SIGMA=	3.4	PHAS=	85.1	FOM=	0.81	TEST=	0
INDE	15	62	29	FOBS=	28.9	SIGMA=	12.3	PHAS=	-34.5	FOM=	0.61	TEST=	0
INDE	15	62	31	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	62	33	FOBS=	42.3	SIGMA=	6.8	PHAS=	169.4	FOM=	0.36	TEST=	0
INDE	15	62	35	FOBS=	39.4	SIGMA=	8.8	PHAS=	14.7	FOM=	0.42	TEST=	0
INDE	15	62	37	FOBS=	47.6	SIGMA=	6.3	PHAS=	-177.5	FOM=	0.84	TEST=	0
INDE	15	62	39	FOBS=	39.3	SIGMA=	8.0	PHAS=	-78.2	FOM=	0.36	TEST=	0
INDE	15	62	41	FOBS=	15.8	SIGMA=	20.1	PHAS=	-141.8	FOM=	0.40	TEST=	0
INDE	15	62	43	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	63	16	FOBS=	66.1	SIGMA=	2.5	PHAS=	-123.8	FOM=	0.51	TEST=	0
INDE	15	63	18	FOBS=	13.8	SIGMA=	24.2	PHAS=	143.4	FOM=	0.28	TEST=	0
INDE	15	63	20	FOBS=	24.5	SIGMA=	13.8	PHAS=	-74.7	FOM=	0.12	TEST=	0
INDE	15	63	22	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	63	24	FOBS=	39.6	SIGMA=	6.7	PHAS=	74.1	FOM=	0.66	TEST=	0
INDE	15	63	26	FOBS=	51.3	SIGMA=	5.3	PHAS=	-13.3	FOM=	0.64	TEST=	1
INDE	15	63	28	FOBS=	83.2	SIGMA=	3.4	PHAS=	-115.0	FOM=	0.23	TEST=	1
INDE	15	63	30	FOBS=	61.2	SIGMA=	4.7	PHAS=	-46.4	FOM=	0.32	TEST=	1
INDE	15	63	32	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	63	34	FOBS=	31.5	SIGMA=	9.3	PHAS=	76.2	FOM=	0.68	TEST=	0
INDE	15	63	36	FOBS=	76.1	SIGMA=	4.0	PHAS=	-36.5	FOM=	0.13	TEST=	1
INDE	15	63	38	FOBS=	53.6	SIGMA=	6.7	PHAS=	74.2	FOM=	0.44	TEST=	0
INDE	15	63	40	FOBS=	0.0	SIGMA=	25.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	63	42	FOBS=	0.0	SIGMA=	25.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	64	15	FOBS=	27.6	SIGMA=	8.2	PHAS=	-162.6	FOM=	0.17	TEST=	1
INDE	15	64	17	FOBS=	38.7	SIGMA=	5.3	PHAS=	-145.7	FOM=	0.19	TEST=	0
INDE	15	64	19	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	64	21	FOBS=	14.1	SIGMA=	24.0	PHAS=	133.8	FOM=	0.19	TEST=	0
INDE	15	64	23	FOBS=	68.2	SIGMA=	5.0	PHAS=	-161.5	FOM=	0.77	TEST=	0
INDE	15	64	25	FOBS=	57.6	SIGMA=	4.7	PHAS=	157.7	FOM=	0.75	TEST=	0
INDE	15	64	27	FOBS=	24.3	SIGMA=	11.4	PHAS=	30.9	FOM=	0.39	TEST=	0
INDE	15	64	29	FOBS=	61.6	SIGMA=	4.6	PHAS=	-138.0	FOM=	0.70	TEST=	0
INDE	15	64	31	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	64	33	FOBS=	0.0	SIGMA=	27.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	64	35	FOBS=	0.0	SIGMA=	27.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	64	37	FOBS=	17.8	SIGMA=	17.1	PHAS=	3.8	FOM=	0.07	TEST=	0
INDE	15	64	39	FOBS=	0.0	SIGMA=	27.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	15	64	41	FOBS=	0.0	SIGMA=	25.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	65	16	FOBS=	42.3	SIGMA=	5.6	PHAS=	13.6	FOM=	0.56	TEST=	0
INDE	15	65	18	FOBS=	68.5	SIGMA=	3.2	PHAS=	140.0	FOM=	0.82	TEST=	0
INDE	15	65	20	FOBS=	109.7	SIGMA=	3.3	PHAS=	160.8	FOM=	0.33	TEST=	0
INDE	15	65	22	FOBS=	83.5	SIGMA=	4.1	PHAS=	119.9	FOM=	0.89	TEST=	0
INDE	15	65	24	FOBS=	91.6	SIGMA=	3.8	PHAS=	4.5	FOM=	0.46	TEST=	1
INDE	15	65	26	FOBS=	68.5	SIGMA=	4.1	PHAS=	-14.0	FOM=	0.91	TEST=	0
INDE	15	65	28	FOBS=	43.9	SIGMA=	6.3	PHAS=	-15.7	FOM=	0.52	TEST=	0
INDE	15	65	30	FOBS=	0.0	SIGMA=	26.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	65	32	FOBS=	102.1	SIGMA=	3.0	PHAS=	160.5	FOM=	0.10	TEST=	1
INDE	15	65	34	FOBS=	73.3	SIGMA=	4.1	PHAS=	66.1	FOM=	0.59	TEST=	0
INDE	15	65	36	FOBS=	27.3	SIGMA=	11.2	PHAS=	137.9	FOM=	0.39	TEST=	0
INDE	15	65	38	FOBS=	0.0	SIGMA=	25.0	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	15	66	15	FOBS=	42.8	SIGMA=	5.2	PHAS=	-178.1	FOM=	0.05	TEST=	1
INDE	15	66	17	FOBS=	71.7	SIGMA=	2.3	PHAS=	-30.5	FOM=	0.87	TEST=	0
INDE	15	66	19	FOBS=	74.7	SIGMA=	3.2	PHAS=	66.5	FOM=	0.75	TEST=	0
INDE	15	66	21	FOBS=	114.1	SIGMA=	3.2	PHAS=	-139.2	FOM=	0.06	TEST=	1
INDE	15	66	23	FOBS=	73.8	SIGMA=	4.7	PHAS=	-89.9	FOM=	0.81	TEST=	0
INDE	15	66	25	FOBS=	95.8	SIGMA=	2.9	PHAS=	-118.1	FOM=	0.91	TEST=	0
INDE	15	66	27	FOBS=	57.5	SIGMA=	4.8	PHAS=	-62.5	FOM=	0.86	TEST=	0
INDE	15	66	29	FOBS=	73.0	SIGMA=	4.0	PHAS=	-175.7	FOM=	0.86	TEST=	0
INDE	15	66	31	FOBS=	101.6	SIGMA=	3.0	PHAS=	-18.1	FOM=	0.09	TEST=	1
INDE	15	66	33	FOBS=	22.5	SIGMA=	13.2	PHAS=	-119.4	FOM=	0.33	TEST=	0
INDE	15	66	35	FOBS=	16.4	SIGMA=	18.6	PHAS=	-129.9	FOM=	0.24	TEST=	0
INDE	15	66	37	FOBS=	24.4	SIGMA=	12.8	PHAS=	-143.7	FOM=	0.13	TEST=	0
INDE	15	67	16	FOBS=	31.0	SIGMA=	8.4	PHAS=	-96.9	FOM=	0.21	TEST=	0
INDE	15	67	18	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	67	20	FOBS=	41.1	SIGMA=	8.4	PHAS=	-32.3	FOM=	0.08	TEST=	0
INDE	15	67	22	FOBS=	43.6	SIGMA=	7.9	PHAS=	161.5	FOM=	0.81	TEST=	0
INDE	15	67	24	FOBS=	35.9	SIGMA=	9.6	PHAS=	-137.3	FOM=	0.71	TEST=	0
INDE	15	67	26	FOBS=	48.0	SIGMA=	5.8	PHAS=	172.6	FOM=	0.61	TEST=	0
INDE	15	67	28	FOBS=	44.8	SIGMA=	6.3	PHAS=	147.6	FOM=	0.30	TEST=	0
INDE	15	67	30	FOBS=	46.8	SIGMA=	6.2	PHAS=	51.1	FOM=	0.78	TEST=	0
INDE	15	67	32	FOBS=	0.0	SIGMA=	27.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	67	34	FOBS=	40.4	SIGMA=	7.5	PHAS=	58.3	FOM=	0.75	TEST=	0
INDE	15	67	36	FOBS=	60.2	SIGMA=	5.3	PHAS=	34.1	FOM=	0.34	TEST=	1
INDE	15	68	15	FOBS=	92.3	SIGMA=	3.1	PHAS=	-115.2	FOM=	0.91	TEST=	0
INDE	15	68	17	FOBS=	24.1	SIGMA=	13.8	PHAS=	-22.2	FOM=	0.09	TEST=	0
INDE	15	68	19	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	68	21	FOBS=	26.1	SIGMA=	19.4	PHAS=	134.3	FOM=	0.43	TEST=	0
INDE	15	68	23	FOBS=	0.0	SIGMA=	31.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	68	25	FOBS=	52.1	SIGMA=	6.7	PHAS=	76.7	FOM=	0.77	TEST=	0
INDE	15	68	27	FOBS=	28.8	SIGMA=	9.8	PHAS=	38.3	FOM=	0.62	TEST=	0
INDE	15	68	29	FOBS=	49.5	SIGMA=	5.8	PHAS=	-95.9	FOM=	0.71	TEST=	0
INDE	15	68	31	FOBS=	40.8	SIGMA=	7.3	PHAS=	-26.0	FOM=	0.39	TEST=	0
INDE	15	68	33	FOBS=	25.6	SIGMA=	11.8	PHAS=	-44.8	FOM=	0.43	TEST=	0
INDE	15	69	16	FOBS=	60.0	SIGMA=	5.0	PHAS=	149.8	FOM=	0.62	TEST=	1
INDE	15	69	18	FOBS=	37.2	SIGMA=	9.1	PHAS=	159.3	FOM=	0.48	TEST=	0
INDE	15	69	20	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	69	22	FOBS=	94.7	SIGMA=	3.9	PHAS=	175.5	FOM=	0.41	TEST=	0
INDE	15	69	24	FOBS=	51.9	SIGMA=	9.5	PHAS=	-3.1	FOM=	0.44	TEST=	0
INDE	15	69	26	FOBS=	60.8	SIGMA=	8.3	PHAS=	-35.9	FOM=	0.82	TEST=	0
INDE	15	69	28	FOBS=	43.7	SIGMA=	8.0	PHAS=	37.0	FOM=	0.04	TEST=	1
INDE	15	69	30	FOBS=	0.0	SIGMA=	26.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	69	32	FOBS=	0.0	SIGMA=	24.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	70	15	FOBS=	66.8	SIGMA=	3.9	PHAS=	-108.6	FOM=	0.88	TEST=	0
INDE	15	70	17	FOBS=	23.4	SIGMA=	13.1	PHAS=	104.5	FOM=	0.56	TEST=	0
INDE	15	70	19	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	70	21	FOBS=	0.0	SIGMA=	24.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	70	29	FOBS=	0.0	SIGMA=	26.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	71	18	FOBS=	65.2	SIGMA=	5.3	PHAS=	148.9	FOM=	0.58	TEST=	0
INDE	15	71	20	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	71	22	FOBS=	0.0	SIGMA=	25.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	71	24	FOBS=	27.1	SIGMA=	14.0	PHAS=	-5.2	FOM=	0.28	TEST=	0
INDE	15	72	17	FOBS=	38.2	SIGMA=	8.1	PHAS=	2.7	FOM=	0.51	TEST=	0
INDE	15	72	19	FOBS=	52.0	SIGMA=	7.0	PHAS=	80.5	FOM=	0.27	TEST=	0
INDE	15	72	21	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	72	23	FOBS=	32.3	SIGMA=	10.6	PHAS=	142.2	FOM=	0.04	TEST=	1
INDE	15	72	25	FOBS=	38.9	SIGMA=	10.1	PHAS=	71.3	FOM=	0.60	TEST=	0
INDE	15	73	16	FOBS=	14.2	SIGMA=	17.6	PHAS=	-21.6	FOM=	0.17	TEST=	0
INDE	15	73	18	FOBS=	44.4	SIGMA=	7.2	PHAS=	150.7	FOM=	0.39	TEST=	0
INDE	15	73	20	FOBS=	0.0	SIGMA=	26.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	73	22	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	15	74	17	FOBS=	50.9	SIGMA=	5.6	PHAS=	-67.2	FOM=	0.54	TEST=	0
INDE	16	16	16	FOBS=	239.3	SIGMA=	1.0	PHAS=	9.5	FOM=	0.96	TEST=	0
INDE	16	17	17	FOBS=	138.1	SIGMA=	0.7	PHAS=	-109.1	FOM=	0.97	TEST=	0
INDE	16	17	19	FOBS=	162.9	SIGMA=	0.6	PHAS=	-4.4	FOM=	0.98	TEST=	0
INDE	16	17	21	FOBS=	60.8	SIGMA=	1.4	PHAS=	91.2	FOM=	0.92	TEST=	0
INDE	16	17	23	FOBS=	89.3	SIGMA=	1.1	PHAS=	-12.8	FOM=	0.99	TEST=	1
INDE	16	17	25	FOBS=	60.8	SIGMA=	1.6	PHAS=	-57.9	FOM=	0.99	TEST=	1
INDE	16	17	27	FOBS=	129.9	SIGMA=	0.9	PHAS=	70.8	FOM=	0.96	TEST=	0
INDE	16	17	29	FOBS=	220.2	SIGMA=	0.5	PHAS=	-57.2	FOM=	0.26	TEST=	1
INDE	16	17	31	FOBS=	356.7	SIGMA=	0.4	PHAS=	-19.9	FOM=	0.97	TEST=	0

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INDE	16	17	33	FOBS=	51.6	SIGMA=	2.1	PHAS=	-14.4	FOM=	0.83	TEST=	0
INDE	16	17	35	FOBS=	16.7	SIGMA=	7.0	PHAS=	125.7	FOM=	0.02	TEST=	0
INDE	16	17	37	FOBS=	136.6	SIGMA=	1.0	PHAS=	-22.8	FOM=	0.97	TEST=	0
INDE	16	17	39	FOBS=	135.8	SIGMA=	1.2	PHAS=	77.7	FOM=	0.98	TEST=	0
INDE	16	17	41	FOBS=	105.6	SIGMA=	1.8	PHAS=	39.4	FOM=	0.76	TEST=	0
INDE	16	17	43	FOBS=	103.1	SIGMA=	2.1	PHAS=	-79.2	FOM=	0.86	TEST=	0
INDE	16	17	45	FOBS=	58.5	SIGMA=	3.7	PHAS=	-89.3	FOM=	0.91	TEST=	0
INDE	16	17	47	FOBS=	88.4	SIGMA=	3.2	PHAS=	-68.2	FOM=	0.79	TEST=	1
INDE	16	17	49	FOBS=	106.7	SIGMA=	2.6	PHAS=	-148.7	FOM=	0.90	TEST=	0
INDE	16	17	51	FOBS=	98.5	SIGMA=	2.0	PHAS=	-84.7	FOM=	0.88	TEST=	0
INDE	16	17	53	FOBS=	142.9	SIGMA=	1.4	PHAS=	88.6	FOM=	0.95	TEST=	0
INDE	16	17	55	FOBS=	118.6	SIGMA=	1.6	PHAS=	26.7	FOM=	0.86	TEST=	0
INDE	16	17	57	FOBS=	66.7	SIGMA=	3.2	PHAS=	30.2	FOM=	0.61	TEST=	0
INDE	16	17	59	FOBS=	100.9	SIGMA=	2.2	PHAS=	146.9	FOM=	0.94	TEST=	0
INDE	16	17	61	FOBS=	67.6	SIGMA=	3.6	PHAS=	15.5	FOM=	0.71	TEST=	0
INDE	16	17	63	FOBS=	80.9	SIGMA=	3.0	PHAS=	33.8	FOM=	0.89	TEST=	0
INDE	16	17	65	FOBS=	84.0	SIGMA=	2.9	PHAS=	24.1	FOM=	0.92	TEST=	0
INDE	16	17	67	FOBS=	24.3	SIGMA=	13.3	PHAS=	-166.4	FOM=	0.45	TEST=	0
INDE	16	17	69	FOBS=	52.4	SIGMA=	5.2	PHAS=	-53.0	FOM=	0.59	TEST=	0
INDE	16	17	71	FOBS=	37.8	SIGMA=	6.7	PHAS=	74.2	FOM=	0.40	TEST=	0
INDE	16	18	16	FOBS=	146.6	SIGMA=	0.6	PHAS=	11.0	FOM=	0.95	TEST=	0
INDE	16	18	18	FOBS=	140.6	SIGMA=	0.7	PHAS=	-31.0	FOM=	0.98	TEST=	0
INDE	16	18	20	FOBS=	232.7	SIGMA=	0.5	PHAS=	-12.0	FOM=	0.83	TEST=	0
INDE	16	18	22	FOBS=	42.1	SIGMA=	2.0	PHAS=	15.6	FOM=	0.88	TEST=	0
INDE	16	18	24	FOBS=	154.7	SIGMA=	0.8	PHAS=	139.6	FOM=	0.99	TEST=	0
INDE	16	18	26	FOBS=	171.1	SIGMA=	0.7	PHAS=	57.5	FOM=	0.98	TEST=	0
INDE	16	18	28	FOBS=	184.1	SIGMA=	0.7	PHAS=	-129.0	FOM=	0.92	TEST=	0
INDE	16	18	30	FOBS=	295.5	SIGMA=	0.5	PHAS=	-90.3	FOM=	0.94	TEST=	0
INDE	16	18	32	FOBS=	98.5	SIGMA=	1.1	PHAS=	-108.0	FOM=	0.80	TEST=	0
INDE	16	18	34	FOBS=	144.9	SIGMA=	0.9	PHAS=	-17.1	FOM=	0.91	TEST=	0
INDE	16	18	36	FOBS=	169.1	SIGMA=	0.8	PHAS=	-43.7	FOM=	0.88	TEST=	0
INDE	16	18	38	FOBS=	424.4	SIGMA=	0.6	PHAS=	-51.5	FOM=	0.98	TEST=	0
INDE	16	18	40	FOBS=	216.7	SIGMA=	0.7	PHAS=	-11.7	FOM=	0.96	TEST=	0
INDE	16	18	42	FOBS=	26.5	SIGMA=	6.2	PHAS=	49.8	FOM=	0.20	TEST=	0
INDE	16	18	44	FOBS=	141.7	SIGMA=	1.1	PHAS=	148.3	FOM=	0.86	TEST=	0
INDE	16	18	46	FOBS=	97.0	SIGMA=	1.8	PHAS=	41.1	FOM=	0.86	TEST=	0
INDE	16	18	48	FOBS=	110.4	SIGMA=	1.8	PHAS=	59.8	FOM=	0.44	TEST=	0
INDE	16	18	50	FOBS=	44.8	SIGMA=	4.3	PHAS=	5.0	FOM=	0.45	TEST=	0
INDE	16	18	52	FOBS=	113.7	SIGMA=	1.7	PHAS=	33.4	FOM=	0.96	TEST=	0
INDE	16	18	54	FOBS=	49.9	SIGMA=	3.8	PHAS=	63.4	FOM=	0.61	TEST=	0
INDE	16	18	56	FOBS=	108.2	SIGMA=	1.8	PHAS=	-149.3	FOM=	0.88	TEST=	0
INDE	16	18	58	FOBS=	19.6	SIGMA=	10.7	PHAS=	-142.8	FOM=	0.44	TEST=	0
INDE	16	18	60	FOBS=	37.2	SIGMA=	6.0	PHAS=	170.6	FOM=	0.45	TEST=	0
INDE	16	18	62	FOBS=	122.6	SIGMA=	2.1	PHAS=	-171.3	FOM=	0.84	TEST=	0
INDE	16	18	64	FOBS=	87.6	SIGMA=	2.8	PHAS=	-47.6	FOM=	0.88	TEST=	0
INDE	16	18	66	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	18	68	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	16	18	70	FOBS=	29.4	SIGMA=	9.3	PHAS=	-152.6	FOM=	0.06	TEST=	0
INDE	16	19	17	FOBS=	293.4	SIGMA=	0.4	PHAS=	-104.5	FOM=	0.98	TEST=	0
INDE	16	19	19	FOBS=	271.4	SIGMA=	0.5	PHAS=	-85.2	FOM=	0.98	TEST=	0
INDE	16	19	21	FOBS=	91.3	SIGMA=	0.9	PHAS=	-61.5	FOM=	0.96	TEST=	0
INDE	16	19	23	FOBS=	305.6	SIGMA=	0.4	PHAS=	16.8	FOM=	0.98	TEST=	0
INDE	16	19	25	FOBS=	39.4	SIGMA=	2.3	PHAS=	-0.1	FOM=	0.20	TEST=	0
INDE	16	19	27	FOBS=	108.9	SIGMA=	0.9	PHAS=	156.5	FOM=	0.99	TEST=	0
INDE	16	19	29	FOBS=	114.4	SIGMA=	0.9	PHAS=	38.2	FOM=	0.08	TEST=	1
INDE	16	19	31	FOBS=	121.3	SIGMA=	0.9	PHAS=	-58.1	FOM=	0.94	TEST=	0
INDE	16	19	33	FOBS=	19.4	SIGMA=	5.6	PHAS=	-126.5	FOM=	0.58	TEST=	0
INDE	16	19	35	FOBS=	104.7	SIGMA=	1.1	PHAS=	-171.3	FOM=	0.86	TEST=	1
INDE	16	19	37	FOBS=	319.3	SIGMA=	0.6	PHAS=	-141.0	FOM=	0.97	TEST=	0
INDE	16	19	39	FOBS=	277.5	SIGMA=	0.6	PHAS=	-105.8	FOM=	0.96	TEST=	0
INDE	16	19	41	FOBS=	86.0	SIGMA=	1.7	PHAS=	-75.7	FOM=	0.76	TEST=	0
INDE	16	19	43	FOBS=	106.4	SIGMA=	1.5	PHAS=	17.4	FOM=	0.64	TEST=	0
INDE	16	19	45	FOBS=	173.1	SIGMA=	1.0	PHAS=	28.1	FOM=	0.92	TEST=	0
INDE	16	19	47	FOBS=	182.8	SIGMA=	1.0	PHAS=	-67.2	FOM=	0.81	TEST=	0
INDE	16	19	49	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	19	51	FOBS=	121.0	SIGMA=	1.5	PHAS=	-56.4	FOM=	0.86	TEST=	0
INDE	16	19	53	FOBS=	39.4	SIGMA=	4.8	PHAS=	-167.6	FOM=	0.07	TEST=	0
INDE	16	19	55	FOBS=	52.7	SIGMA=	3.5	PHAS=	141.8	FOM=	0.88	TEST=	0
INDE	16	19	57	FOBS=	17.7	SIGMA=	13.0	PHAS=	-70.8	FOM=	0.04	TEST=	0
INDE	16	19	59	FOBS=	89.7	SIGMA=	2.6	PHAS=	162.8	FOM=	0.93	TEST=	0

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INDE	16	19	61	FOBS=	66.2	SIGMA=	3.8	PHAS=	89.7	FOM=	0.86	TEST=	0
INDE	16	19	63	FOBS=	50.0	SIGMA=	4.9	PHAS=	-12.6	FOM=	0.70	TEST=	0
INDE	16	19	65	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	19	67	FOBS=	157.8	SIGMA=	2.0	PHAS=	-138.2	FOM=	0.94	TEST=	0
INDE	16	19	69	FOBS=	27.5	SIGMA=	10.6	PHAS=	-54.2	FOM=	0.14	TEST=	0
INDE	16	20	16	FOBS=	168.4	SIGMA=	0.7	PHAS=	125.5	FOM=	0.99	TEST=	0
INDE	16	20	18	FOBS=	307.1	SIGMA=	0.5	PHAS=	-176.1	FOM=	0.97	TEST=	0
INDE	16	20	20	FOBS=	98.8	SIGMA=	1.0	PHAS=	-79.8	FOM=	0.89	TEST=	0
INDE	16	20	22	FOBS=	259.8	SIGMA=	0.5	PHAS=	-49.7	FOM=	0.95	TEST=	0
INDE	16	20	24	FOBS=	91.8	SIGMA=	1.0	PHAS=	-14.1	FOM=	0.96	TEST=	0
INDE	16	20	26	FOBS=	145.5	SIGMA=	0.8	PHAS=	56.5	FOM=	0.99	TEST=	0
INDE	16	20	28	FOBS=	226.0	SIGMA=	0.6	PHAS=	138.7	FOM=	0.93	TEST=	0
INDE	16	20	30	FOBS=	50.3	SIGMA=	2.0	PHAS=	-86.4	FOM=	0.35	TEST=	0
INDE	16	20	32	FOBS=	191.5	SIGMA=	0.7	PHAS=	-110.6	FOM=	0.94	TEST=	0
INDE	16	20	34	FOBS=	35.3	SIGMA=	3.2	PHAS=	48.8	FOM=	0.78	TEST=	0
INDE	16	20	36	FOBS=	134.2	SIGMA=	0.9	PHAS=	120.6	FOM=	0.99	TEST=	0
INDE	16	20	38	FOBS=	104.3	SIGMA=	1.3	PHAS=	78.7	FOM=	0.94	TEST=	0
INDE	16	20	40	FOBS=	0.0	SIGMA=	17.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	20	42	FOBS=	37.4	SIGMA=	3.9	PHAS=	76.1	FOM=	0.53	TEST=	0
INDE	16	20	44	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	20	46	FOBS=	67.9	SIGMA=	2.4	PHAS=	-105.6	FOM=	0.90	TEST=	0
INDE	16	20	48	FOBS=	62.1	SIGMA=	2.6	PHAS=	37.5	FOM=	0.39	TEST=	0
INDE	16	20	50	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	20	52	FOBS=	54.3	SIGMA=	3.1	PHAS=	1.8	FOM=	0.55	TEST=	0
INDE	16	20	54	FOBS=	118.2	SIGMA=	1.5	PHAS=	115.8	FOM=	0.94	TEST=	0
INDE	16	20	56	FOBS=	75.0	SIGMA=	2.5	PHAS=	-5.6	FOM=	0.15	TEST=	1
INDE	16	20	58	FOBS=	56.4	SIGMA=	3.8	PHAS=	124.8	FOM=	0.75	TEST=	0
INDE	16	20	60	FOBS=	103.6	SIGMA=	2.6	PHAS=	-83.2	FOM=	0.65	TEST=	0
INDE	16	20	62	FOBS=	19.6	SIGMA=	12.2	PHAS=	-115.2	FOM=	0.23	TEST=	0
INDE	16	20	64	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	20	66	FOBS=	118.7	SIGMA=	2.7	PHAS=	101.3	FOM=	0.92	TEST=	0
INDE	16	20	68	FOBS=	41.5	SIGMA=	7.0	PHAS=	-170.9	FOM=	0.69	TEST=	0
INDE	16	21	17	FOBS=	108.0	SIGMA=	0.8	PHAS=	48.9	FOM=	0.95	TEST=	0
INDE	16	21	19	FOBS=	120.0	SIGMA=	0.8	PHAS=	135.9	FOM=	0.95	TEST=	0
INDE	16	21	21	FOBS=	170.8	SIGMA=	0.7	PHAS=	-107.8	FOM=	0.96	TEST=	0
INDE	16	21	23	FOBS=	235.1	SIGMA=	0.5	PHAS=	-129.1	FOM=	0.73	TEST=	1
INDE	16	21	25	FOBS=	147.1	SIGMA=	0.8	PHAS=	-57.9	FOM=	0.99	TEST=	0
INDE	16	21	27	FOBS=	194.0	SIGMA=	0.6	PHAS=	-40.3	FOM=	0.89	TEST=	0
INDE	16	21	29	FOBS=	196.3	SIGMA=	0.6	PHAS=	161.6	FOM=	0.97	TEST=	0
INDE	16	21	31	FOBS=	210.5	SIGMA=	0.6	PHAS=	-137.2	FOM=	0.87	TEST=	0
INDE	16	21	33	FOBS=	133.7	SIGMA=	0.9	PHAS=	165.8	FOM=	0.92	TEST=	0
INDE	16	21	35	FOBS=	85.3	SIGMA=	1.5	PHAS=	1.7	FOM=	0.87	TEST=	0
INDE	16	21	37	FOBS=	18.7	SIGMA=	6.8	PHAS=	85.9	FOM=	0.60	TEST=	0
INDE	16	21	39	FOBS=	170.1	SIGMA=	0.9	PHAS=	-54.5	FOM=	0.94	TEST=	0
INDE	16	21	41	FOBS=	0.0	SIGMA=	17.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	21	43	FOBS=	94.4	SIGMA=	1.7	PHAS=	40.9	FOM=	0.34	TEST=	0
INDE	16	21	45	FOBS=	168.0	SIGMA=	1.0	PHAS=	80.7	FOM=	0.96	TEST=	0
INDE	16	21	47	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	21	49	FOBS=	82.4	SIGMA=	2.0	PHAS=	169.1	FOM=	0.53	TEST=	0
INDE	16	21	51	FOBS=	130.1	SIGMA=	1.4	PHAS=	-41.2	FOM=	0.94	TEST=	0
INDE	16	21	53	FOBS=	130.7	SIGMA=	1.3	PHAS=	50.7	FOM=	0.89	TEST=	0
INDE	16	21	55	FOBS=	102.4	SIGMA=	1.7	PHAS=	29.3	FOM=	0.88	TEST=	0
INDE	16	21	57	FOBS=	63.7	SIGMA=	2.9	PHAS=	-10.0	FOM=	0.80	TEST=	0
INDE	16	21	59	FOBS=	93.9	SIGMA=	2.8	PHAS=	129.6	FOM=	0.94	TEST=	0
INDE	16	21	61	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	21	63	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	21	65	FOBS=	92.5	SIGMA=	3.0	PHAS=	55.0	FOM=	0.94	TEST=	0
INDE	16	21	67	FOBS=	33.9	SIGMA=	8.6	PHAS=	-98.5	FOM=	0.29	TEST=	0
INDE	16	22	16	FOBS=	51.2	SIGMA=	1.8	PHAS=	-101.2	FOM=	0.91	TEST=	0
INDE	16	22	18	FOBS=	12.5	SIGMA=	7.2	PHAS=	136.2	FOM=	0.71	TEST=	0
INDE	16	22	20	FOBS=	222.3	SIGMA=	0.6	PHAS=	70.3	FOM=	0.98	TEST=	0
INDE	16	22	22	FOBS=	43.1	SIGMA=	2.3	PHAS=	-69.0	FOM=	0.91	TEST=	0
INDE	16	22	24	FOBS=	150.4	SIGMA=	0.7	PHAS=	-169.2	FOM=	0.99	TEST=	0
INDE	16	22	26	FOBS=	319.4	SIGMA=	0.5	PHAS=	-125.1	FOM=	0.94	TEST=	0
INDE	16	22	28	FOBS=	124.4	SIGMA=	0.9	PHAS=	163.1	FOM=	0.98	TEST=	0
INDE	16	22	30	FOBS=	394.8	SIGMA=	0.5	PHAS=	127.1	FOM=	0.96	TEST=	0
INDE	16	22	32	FOBS=	92.8	SIGMA=	1.3	PHAS=	93.8	FOM=	0.71	TEST=	0
INDE	16	22	34	FOBS=	102.4	SIGMA=	1.3	PHAS=	5.3	FOM=	0.76	TEST=	0
INDE	16	22	36	FOBS=	254.6	SIGMA=	0.7	PHAS=	-153.9	FOM=	0.96	TEST=	0
INDE	16	22	38	FOBS=	234.4	SIGMA=	0.7	PHAS=	51.8	FOM=	0.82	TEST=	1

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INDE	16	22	40	FOBS=	129.1	SIGMA=	1.2	PHAS=	-55.2	FOM=	0.96	TEST=	0
INDE	16	22	42	FOBS=	20.8	SIGMA=	7.4	PHAS=	28.8	FOM=	0.10	TEST=	0
INDE	16	22	44	FOBS=	129.0	SIGMA=	1.2	PHAS=	52.9	FOM=	0.86	TEST=	0
INDE	16	22	46	FOBS=	34.2	SIGMA=	4.6	PHAS=	-67.0	FOM=	0.91	TEST=	0
INDE	16	22	48	FOBS=	260.5	SIGMA=	0.8	PHAS=	42.2	FOM=	0.96	TEST=	0
INDE	16	22	50	FOBS=	107.5	SIGMA=	1.5	PHAS=	9.2	FOM=	0.90	TEST=	0
INDE	16	22	52	FOBS=	51.7	SIGMA=	3.1	PHAS=	-89.6	FOM=	0.73	TEST=	1
INDE	16	22	54	FOBS=	22.1	SIGMA=	8.0	PHAS=	89.0	FOM=	0.37	TEST=	0
INDE	16	22	56	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	22	58	FOBS=	89.7	SIGMA=	2.2	PHAS=	94.1	FOM=	0.89	TEST=	0
INDE	16	22	60	FOBS=	29.1	SIGMA=	6.9	PHAS=	5.8	FOM=	0.50	TEST=	0
INDE	16	22	62	FOBS=	40.7	SIGMA=	6.1	PHAS=	-159.3	FOM=	0.24	TEST=	0
INDE	16	22	64	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	22	66	FOBS=	2.9	SIGMA=	102.9	PHAS=	40.4	FOM=	0.05	TEST=	0
INDE	16	23	17	FOBS=	47.4	SIGMA=	1.8	PHAS=	-161.8	FOM=	0.81	TEST=	0
INDE	16	23	19	FOBS=	232.5	SIGMA=	0.5	PHAS=	33.0	FOM=	0.96	TEST=	0
INDE	16	23	21	FOBS=	123.6	SIGMA=	0.9	PHAS=	-16.2	FOM=	0.97	TEST=	0
INDE	16	23	23	FOBS=	203.3	SIGMA=	0.6	PHAS=	-130.1	FOM=	0.97	TEST=	0
INDE	16	23	25	FOBS=	195.8	SIGMA=	0.6	PHAS=	108.1	FOM=	0.05	TEST=	1
INDE	16	23	27	FOBS=	267.6	SIGMA=	0.6	PHAS=	150.1	FOM=	0.97	TEST=	1
INDE	16	23	29	FOBS=	198.5	SIGMA=	0.7	PHAS=	108.3	FOM=	0.87	TEST=	0
INDE	16	23	31	FOBS=	291.8	SIGMA=	0.6	PHAS=	-3.4	FOM=	0.94	TEST=	0
INDE	16	23	33	FOBS=	159.3	SIGMA=	0.9	PHAS=	87.2	FOM=	0.85	TEST=	0
INDE	16	23	35	FOBS=	158.2	SIGMA=	0.9	PHAS=	92.1	FOM=	0.98	TEST=	0
INDE	16	23	37	FOBS=	176.6	SIGMA=	0.9	PHAS=	88.5	FOM=	0.93	TEST=	0
INDE	16	23	39	FOBS=	145.8	SIGMA=	1.1	PHAS=	-83.9	FOM=	0.93	TEST=	0
INDE	16	23	41	FOBS=	21.9	SIGMA=	7.8	PHAS=	-107.1	FOM=	0.16	TEST=	1
INDE	16	23	43	FOBS=	89.6	SIGMA=	1.7	PHAS=	6.9	FOM=	0.96	TEST=	0
INDE	16	23	45	FOBS=	31.6	SIGMA=	4.9	PHAS=	-138.4	FOM=	0.40	TEST=	0
INDE	16	23	47	FOBS=	140.8	SIGMA=	1.1	PHAS=	-75.6	FOM=	0.90	TEST=	0
INDE	16	23	49	FOBS=	228.8	SIGMA=	0.8	PHAS=	-97.4	FOM=	0.97	TEST=	0
INDE	16	23	51	FOBS=	113.8	SIGMA=	1.4	PHAS=	-37.9	FOM=	0.95	TEST=	0
INDE	16	23	53	FOBS=	48.6	SIGMA=	3.2	PHAS=	-83.0	FOM=	0.11	TEST=	1
INDE	16	23	55	FOBS=	45.7	SIGMA=	3.6	PHAS=	125.8	FOM=	0.63	TEST=	0
INDE	16	23	57	FOBS=	88.5	SIGMA=	2.1	PHAS=	-12.9	FOM=	0.93	TEST=	0
INDE	16	23	59	FOBS=	54.0	SIGMA=	3.8	PHAS=	-51.8	FOM=	0.71	TEST=	0
INDE	16	23	61	FOBS=	52.0	SIGMA=	3.9	PHAS=	-44.1	FOM=	0.53	TEST=	0
INDE	16	23	63	FOBS=	52.7	SIGMA=	3.8	PHAS=	-72.5	FOM=	0.61	TEST=	0
INDE	16	23	65	FOBS=	49.8	SIGMA=	6.3	PHAS=	146.8	FOM=	0.40	TEST=	0
INDE	16	24	16	FOBS=	88.5	SIGMA=	1.3	PHAS=	110.5	FOM=	0.92	TEST=	0
INDE	16	24	18	FOBS=	195.0	SIGMA=	0.6	PHAS=	-44.2	FOM=	0.90	TEST=	0
INDE	16	24	20	FOBS=	253.7	SIGMA=	0.5	PHAS=	0.1	FOM=	0.98	TEST=	0
INDE	16	24	22	FOBS=	138.6	SIGMA=	0.8	PHAS=	19.4	FOM=	0.94	TEST=	0
INDE	16	24	24	FOBS=	147.7	SIGMA=	0.8	PHAS=	166.5	FOM=	0.98	TEST=	0
INDE	16	24	26	FOBS=	206.9	SIGMA=	0.6	PHAS=	62.0	FOM=	0.94	TEST=	0
INDE	16	24	28	FOBS=	243.9	SIGMA=	0.6	PHAS=	8.5	FOM=	0.97	TEST=	0
INDE	16	24	30	FOBS=	71.7	SIGMA=	1.6	PHAS=	-165.4	FOM=	0.66	TEST=	0
INDE	16	24	32	FOBS=	307.7	SIGMA=	0.6	PHAS=	-27.6	FOM=	0.91	TEST=	0
INDE	16	24	34	FOBS=	269.3	SIGMA=	0.6	PHAS=	-52.8	FOM=	0.97	TEST=	0
INDE	16	24	36	FOBS=	91.8	SIGMA=	1.6	PHAS=	-143.8	FOM=	0.88	TEST=	0
INDE	16	24	38	FOBS=	240.0	SIGMA=	0.7	PHAS=	79.7	FOM=	0.94	TEST=	0
INDE	16	24	40	FOBS=	49.4	SIGMA=	3.5	PHAS=	67.2	FOM=	0.32	TEST=	0
INDE	16	24	42	FOBS=	52.6	SIGMA=	3.0	PHAS=	-31.3	FOM=	0.93	TEST=	0
INDE	16	24	44	FOBS=	137.3	SIGMA=	1.2	PHAS=	-68.5	FOM=	0.89	TEST=	0
INDE	16	24	46	FOBS=	38.9	SIGMA=	4.0	PHAS=	135.0	FOM=	0.11	TEST=	0
INDE	16	24	48	FOBS=	157.2	SIGMA=	1.0	PHAS=	55.9	FOM=	0.91	TEST=	0
INDE	16	24	50	FOBS=	49.8	SIGMA=	2.9	PHAS=	165.7	FOM=	0.73	TEST=	0
INDE	16	24	52	FOBS=	84.2	SIGMA=	1.9	PHAS=	-112.2	FOM=	0.89	TEST=	0
INDE	16	24	54	FOBS=	47.5	SIGMA=	3.3	PHAS=	174.6	FOM=	0.71	TEST=	0
INDE	16	24	56	FOBS=	115.7	SIGMA=	1.7	PHAS=	-102.6	FOM=	0.92	TEST=	0
INDE	16	24	58	FOBS=	57.3	SIGMA=	3.5	PHAS=	34.9	FOM=	0.36	TEST=	0
INDE	16	24	60	FOBS=	46.1	SIGMA=	4.5	PHAS=	158.5	FOM=	0.44	TEST=	0
INDE	16	24	62	FOBS=	93.1	SIGMA=	2.3	PHAS=	-153.8	FOM=	0.85	TEST=	0
INDE	16	24	64	FOBS=	40.0	SIGMA=	6.0	PHAS=	-21.1	FOM=	0.58	TEST=	0
INDE	16	24	66	FOBS=	37.8	SIGMA=	14.1	PHAS=	-117.2	FOM=	0.59	TEST=	0
INDE	16	25	17	FOBS=	254.7	SIGMA=	0.7	PHAS=	-120.0	FOM=	0.96	TEST=	0
INDE	16	25	19	FOBS=	61.3	SIGMA=	1.6	PHAS=	-71.1	FOM=	0.97	TEST=	0
INDE	16	25	21	FOBS=	340.1	SIGMA=	0.5	PHAS=	-72.7	FOM=	0.99	TEST=	0
INDE	16	25	23	FOBS=	123.8	SIGMA=	0.9	PHAS=	-120.7	FOM=	0.79	TEST=	1
INDE	16	25	25	FOBS=	183.7	SIGMA=	0.7	PHAS=	3.3	FOM=	0.99	TEST=	0

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INDE 16 25 27 FOBS= 301.5 SIGMA= 0.6 PHAS= -111.8 FOM= 0.94 TEST= 0
INDE 16 25 29 FOBS= 139.2 SIGMA= 1.0 PHAS= -179.2 FOM= 0.97 TEST= 0
INDE 16 25 31 FOBS= 126.7 SIGMA= 1.1 PHAS= 143.7 FOM= 0.77 TEST= 0
INDE 16 25 33 FOBS= 194.9 SIGMA= 0.8 PHAS= -122.2 FOM= 0.94 TEST= 0
INDE 16 25 35 FOBS= 76.4 SIGMA= 2.0 PHAS= 70.3 FOM= 0.86 TEST= 1
INDE 16 25 37 FOBS= 180.6 SIGMA= 1.0 PHAS= 61.6 FOM= 0.89 TEST= 0
INDE 16 25 39 FOBS= 0.0 SIGMA= 18.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 16 25 41 FOBS= 56.0 SIGMA= 3.2 PHAS= 85.5 FOM= 0.81 TEST= 0
INDE 16 25 43 FOBS= 0.0 SIGMA= 17.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 16 25 45 FOBS= 122.5 SIGMA= 1.3 PHAS= -151.2 FOM= 0.94 TEST= 0
INDE 16 25 47 FOBS= 210.1 SIGMA= 0.8 PHAS= -82.6 FOM= 0.95 TEST= 0
INDE 16 25 49 FOBS= 49.4 SIGMA= 3.0 PHAS= -65.1 FOM= 0.68 TEST= 0
INDE 16 25 51 FOBS= 144.1 SIGMA= 1.1 PHAS= 55.9 FOM= 0.83 TEST= 1
INDE 16 25 53 FOBS= 47.9 SIGMA= 3.3 PHAS= 81.6 FOM= 0.67 TEST= 0
INDE 16 25 55 FOBS= 63.0 SIGMA= 2.7 PHAS= 177.3 FOM= 0.63 TEST= 0
INDE 16 25 57 FOBS= 115.6 SIGMA= 1.8 PHAS= 22.4 FOM= 0.05 TEST= 1
INDE 16 25 59 FOBS= 143.3 SIGMA= 1.6 PHAS= -78.7 FOM= 0.94 TEST= 0
INDE 16 25 61 FOBS= 99.7 SIGMA= 2.1 PHAS= 64.0 FOM= 0.87 TEST= 0
INDE 16 25 63 FOBS= 0.0 SIGMA= 21.6 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 16 25 65 FOBS= 133.4 SIGMA= 4.1 PHAS= 176.3 FOM= 0.95 TEST= 0
INDE 16 25 67 FOBS= 19.0 SIGMA= 27.1 PHAS= 145.3 FOM= 0.39 TEST= 0
INDE 16 26 16 FOBS= 193.5 SIGMA= 0.7 PHAS= 124.7 FOM= 0.97 TEST= 0
INDE 16 26 18 FOBS= 165.5 SIGMA= 0.7 PHAS= 160.7 FOM= 0.97 TEST= 0
INDE 16 26 20 FOBS= 168.1 SIGMA= 0.7 PHAS= -77.4 FOM= 0.87 TEST= 0
INDE 16 26 22 FOBS= 96.8 SIGMA= 1.2 PHAS= -160.9 FOM= 0.96 TEST= 0
INDE 16 26 24 FOBS= 204.4 SIGMA= 0.7 PHAS= 146.4 FOM= 0.90 TEST= 0
INDE 16 26 26 FOBS= 156.9 SIGMA= 0.8 PHAS= 101.5 FOM= 0.99 TEST= 0
INDE 16 26 28 FOBS= 121.1 SIGMA= 1.1 PHAS= 140.5 FOM= 0.89 TEST= 0
INDE 16 26 30 FOBS= 120.1 SIGMA= 1.2 PHAS= -46.3 FOM= 0.98 TEST= 1
INDE 16 26 32 FOBS= 163.1 SIGMA= 1.0 PHAS= -10.4 FOM= 0.90 TEST= 0
INDE 16 26 34 FOBS= 223.8 SIGMA= 0.8 PHAS= -122.1 FOM= 0.95 TEST= 0
INDE 16 26 36 FOBS= 101.0 SIGMA= 1.7 PHAS= -62.7 FOM= 0.91 TEST= 0
INDE 16 26 38 FOBS= 61.1 SIGMA= 2.9 PHAS= 118.6 FOM= 0.05 TEST= 0
INDE 16 26 40 FOBS= 126.4 SIGMA= 1.4 PHAS= -65.5 FOM= 0.75 TEST= 0
INDE 16 26 42 FOBS= 101.1 SIGMA= 1.7 PHAS= 22.0 FOM= 0.79 TEST= 0
INDE 16 26 44 FOBS= 47.1 SIGMA= 3.5 PHAS= -54.7 FOM= 0.84 TEST= 0
INDE 16 26 46 FOBS= 58.6 SIGMA= 3.3 PHAS= -28.0 FOM= 0.80 TEST= 0
INDE 16 26 48 FOBS= 93.7 SIGMA= 1.6 PHAS= 162.5 FOM= 0.78 TEST= 0
INDE 16 26 50 FOBS= 30.5 SIGMA= 5.0 PHAS= -138.2 FOM= 0.09 TEST= 0
INDE 16 26 52 FOBS= 123.6 SIGMA= 1.2 PHAS= -3.8 FOM= 0.92 TEST= 0
INDE 16 26 54 FOBS= 71.0 SIGMA= 2.2 PHAS= -157.4 FOM= 0.86 TEST= 0
INDE 16 26 56 FOBS= 88.4 SIGMA= 2.0 PHAS= -153.1 FOM= 0.85 TEST= 0
INDE 16 26 58 FOBS= 54.0 SIGMA= 3.6 PHAS= 138.8 FOM= 0.18 TEST= 0
INDE 16 26 60 FOBS= 50.8 SIGMA= 4.1 PHAS= 134.0 FOM= 0.69 TEST= 0
INDE 16 26 62 FOBS= 68.3 SIGMA= 3.9 PHAS= -79.2 FOM= 0.81 TEST= 0
INDE 16 26 64 FOBS= 47.8 SIGMA= 10.8 PHAS= 124.4 FOM= 0.81 TEST= 0
INDE 16 26 66 FOBS= 43.1 SIGMA= 12.4 PHAS= -6.7 FOM= 0.77 TEST= 0
INDE 16 26 68 FOBS= 79.6 SIGMA= 6.8 PHAS= -9.0 FOM= 0.85 TEST= 0
INDE 16 26 70 FOBS= 25.3 SIGMA= 21.9 PHAS= -110.7 FOM= 0.06 TEST= 1
INDE 16 27 17 FOBS= 109.6 SIGMA= 1.1 PHAS= -144.3 FOM= 0.94 TEST= 0
INDE 16 27 19 FOBS= 223.2 SIGMA= 0.6 PHAS= 172.0 FOM= 0.92 TEST= 0
INDE 16 27 21 FOBS= 76.4 SIGMA= 1.5 PHAS= -151.3 FOM= 0.91 TEST= 0
INDE 16 27 23 FOBS= 208.2 SIGMA= 0.7 PHAS= 113.2 FOM= 0.93 TEST= 0
INDE 16 27 25 FOBS= 175.9 SIGMA= 0.8 PHAS= -48.9 FOM= 0.92 TEST= 0
INDE 16 27 27 FOBS= 234.9 SIGMA= 0.6 PHAS= -51.2 FOM= 0.97 TEST= 0
INDE 16 27 29 FOBS= 83.5 SIGMA= 1.6 PHAS= -133.6 FOM= 0.52 TEST= 0
INDE 16 27 31 FOBS= 176.4 SIGMA= 0.9 PHAS= 178.7 FOM= 0.95 TEST= 0
INDE 16 27 33 FOBS= 140.5 SIGMA= 1.1 PHAS= 175.7 FOM= 0.79 TEST= 0
INDE 16 27 35 FOBS= 122.7 SIGMA= 1.4 PHAS= 164.4 FOM= 0.96 TEST= 0
INDE 16 27 37 FOBS= 56.6 SIGMA= 3.6 PHAS= 128.1 FOM= 0.65 TEST= 0
INDE 16 27 39 FOBS= 193.5 SIGMA= 1.0 PHAS= -159.4 FOM= 0.93 TEST= 0
INDE 16 27 41 FOBS= 77.9 SIGMA= 2.2 PHAS= 35.7 FOM= 0.69 TEST= 0
INDE 16 27 43 FOBS= 49.2 SIGMA= 3.4 PHAS= -126.9 FOM= 0.50 TEST= 0
INDE 16 27 45 FOBS= 142.7 SIGMA= 1.2 PHAS= -130.4 FOM= 0.59 TEST= 1
INDE 16 27 47 FOBS= 117.8 SIGMA= 1.4 PHAS= -165.3 FOM= 0.87 TEST= 0
INDE 16 27 49 FOBS= 81.3 SIGMA= 1.8 PHAS= 47.6 FOM= 0.93 TEST= 0
INDE 16 27 51 FOBS= 163.8 SIGMA= 1.0 PHAS= -59.7 FOM= 0.95 TEST= 0
INDE 16 27 53 FOBS= 74.8 SIGMA= 2.0 PHAS= -125.5 FOM= 0.83 TEST= 0
INDE 16 27 55 FOBS= 55.3 SIGMA= 3.0 PHAS= 151.5 FOM= 0.82 TEST= 0
INDE 16 27 57 FOBS= 57.7 SIGMA= 3.2 PHAS= -141.2 FOM= 0.01 TEST= 1

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INDE	16	27	59	FOBS=	99.9	SIGMA=	2.0	PHAS=	-32.5	FOM=	0.90	TEST=	0
INDE	16	27	61	FOBS=	103.3	SIGMA=	2.6	PHAS=	137.3	FOM=	0.92	TEST=	0
INDE	16	27	63	FOBS=	30.7	SIGMA=	10.0	PHAS=	-136.7	FOM=	0.22	TEST=	0
INDE	16	27	65	FOBS=	0.0	SIGMA=	32.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	27	67	FOBS=	56.4	SIGMA=	9.5	PHAS=	-149.5	FOM=	0.77	TEST=	0
INDE	16	27	69	FOBS=	0.0	SIGMA=	33.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	27	71	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	28	16	FOBS=	20.6	SIGMA=	4.8	PHAS=	60.4	FOM=	0.19	TEST=	0
INDE	16	28	18	FOBS=	384.2	SIGMA=	0.5	PHAS=	141.9	FOM=	0.98	TEST=	0
INDE	16	28	20	FOBS=	95.8	SIGMA=	1.3	PHAS=	100.4	FOM=	0.93	TEST=	0
INDE	16	28	22	FOBS=	132.9	SIGMA=	1.0	PHAS=	43.2	FOM=	0.98	TEST=	0
INDE	16	28	24	FOBS=	85.2	SIGMA=	1.5	PHAS=	156.3	FOM=	0.46	TEST=	0
INDE	16	28	26	FOBS=	115.5	SIGMA=	1.2	PHAS=	-128.9	FOM=	0.90	TEST=	0
INDE	16	28	28	FOBS=	209.3	SIGMA=	0.7	PHAS=	141.5	FOM=	0.95	TEST=	0
INDE	16	28	30	FOBS=	180.9	SIGMA=	0.9	PHAS=	-148.3	FOM=	0.91	TEST=	1
INDE	16	28	32	FOBS=	93.5	SIGMA=	1.7	PHAS=	-4.5	FOM=	0.78	TEST=	0
INDE	16	28	34	FOBS=	46.9	SIGMA=	3.9	PHAS=	-176.4	FOM=	0.27	TEST=	0
INDE	16	28	36	FOBS=	133.1	SIGMA=	1.5	PHAS=	167.0	FOM=	0.92	TEST=	1
INDE	16	28	38	FOBS=	170.3	SIGMA=	1.1	PHAS=	94.3	FOM=	0.88	TEST=	0
INDE	16	28	40	FOBS=	95.2	SIGMA=	1.8	PHAS=	-19.0	FOM=	0.47	TEST=	0
INDE	16	28	42	FOBS=	79.7	SIGMA=	2.1	PHAS=	3.7	FOM=	0.94	TEST=	0
INDE	16	28	44	FOBS=	25.5	SIGMA=	6.7	PHAS=	38.1	FOM=	0.01	TEST=	0
INDE	16	28	46	FOBS=	30.6	SIGMA=	5.6	PHAS=	75.9	FOM=	0.43	TEST=	0
INDE	16	28	48	FOBS=	100.2	SIGMA=	1.6	PHAS=	150.0	FOM=	0.94	TEST=	0
INDE	16	28	50	FOBS=	116.4	SIGMA=	1.3	PHAS=	-143.1	FOM=	0.93	TEST=	0
INDE	16	28	52	FOBS=	62.9	SIGMA=	2.3	PHAS=	137.1	FOM=	0.88	TEST=	0
INDE	16	28	54	FOBS=	91.7	SIGMA=	1.6	PHAS=	-170.4	FOM=	0.15	TEST=	1
INDE	16	28	56	FOBS=	80.0	SIGMA=	2.0	PHAS=	172.8	FOM=	0.89	TEST=	0
INDE	16	28	58	FOBS=	89.4	SIGMA=	2.1	PHAS=	123.8	FOM=	0.36	TEST=	1
INDE	16	28	60	FOBS=	34.8	SIGMA=	6.1	PHAS=	61.7	FOM=	0.60	TEST=	0
INDE	16	28	62	FOBS=	38.0	SIGMA=	8.0	PHAS=	14.4	FOM=	0.75	TEST=	0
INDE	16	28	64	FOBS=	0.0	SIGMA=	31.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	28	66	FOBS=	0.0	SIGMA=	32.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	16	28	68	FOBS=	0.0	SIGMA=	32.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	28	70	FOBS=	0.0	SIGMA=	33.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	29	17	FOBS=	182.1	SIGMA=	0.7	PHAS=	107.7	FOM=	0.94	TEST=	0
INDE	16	29	19	FOBS=	257.4	SIGMA=	0.5	PHAS=	95.3	FOM=	0.99	TEST=	0
INDE	16	29	21	FOBS=	76.4	SIGMA=	1.6	PHAS=	-89.7	FOM=	0.99	TEST=	0
INDE	16	29	23	FOBS=	98.6	SIGMA=	1.3	PHAS=	61.4	FOM=	0.93	TEST=	0
INDE	16	29	25	FOBS=	251.3	SIGMA=	0.7	PHAS=	-151.3	FOM=	0.93	TEST=	0
INDE	16	29	27	FOBS=	203.0	SIGMA=	0.8	PHAS=	73.3	FOM=	0.84	TEST=	0
INDE	16	29	29	FOBS=	225.5	SIGMA=	0.7	PHAS=	44.8	FOM=	0.98	TEST=	0
INDE	16	29	31	FOBS=	101.8	SIGMA=	1.6	PHAS=	125.9	FOM=	0.66	TEST=	0
INDE	16	29	33	FOBS=	72.8	SIGMA=	2.6	PHAS=	175.0	FOM=	0.93	TEST=	0
INDE	16	29	35	FOBS=	166.3	SIGMA=	1.2	PHAS=	93.5	FOM=	0.85	TEST=	0
INDE	16	29	37	FOBS=	113.7	SIGMA=	1.8	PHAS=	14.6	FOM=	0.90	TEST=	0
INDE	16	29	39	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	29	41	FOBS=	157.0	SIGMA=	1.1	PHAS=	-46.7	FOM=	0.89	TEST=	0
INDE	16	29	43	FOBS=	60.4	SIGMA=	2.8	PHAS=	-164.2	FOM=	0.57	TEST=	1
INDE	16	29	45	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	16	29	47	FOBS=	31.1	SIGMA=	5.4	PHAS=	104.8	FOM=	0.67	TEST=	0
INDE	16	29	49	FOBS=	129.9	SIGMA=	1.3	PHAS=	102.4	FOM=	0.92	TEST=	0
INDE	16	29	51	FOBS=	44.2	SIGMA=	3.6	PHAS=	7.5	FOM=	0.94	TEST=	0
INDE	16	29	53	FOBS=	0.0	SIGMA=	17.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	29	55	FOBS=	0.0	SIGMA=	17.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	29	57	FOBS=	109.1	SIGMA=	1.6	PHAS=	36.7	FOM=	0.91	TEST=	0
INDE	16	29	59	FOBS=	51.4	SIGMA=	4.1	PHAS=	44.5	FOM=	0.06	TEST=	0
INDE	16	29	61	FOBS=	55.9	SIGMA=	4.2	PHAS=	17.0	FOM=	0.59	TEST=	0
INDE	16	29	63	FOBS=	36.9	SIGMA=	9.6	PHAS=	-127.7	FOM=	0.57	TEST=	0
INDE	16	29	65	FOBS=	73.0	SIGMA=	6.9	PHAS=	61.8	FOM=	0.83	TEST=	0
INDE	16	29	67	FOBS=	30.0	SIGMA=	18.0	PHAS=	109.5	FOM=	0.49	TEST=	0
INDE	16	29	69	FOBS=	0.0	SIGMA=	32.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	30	16	FOBS=	200.1	SIGMA=	0.6	PHAS=	-3.6	FOM=	0.73	TEST=	1
INDE	16	30	18	FOBS=	258.0	SIGMA=	0.6	PHAS=	46.6	FOM=	0.95	TEST=	0
INDE	16	30	20	FOBS=	115.8	SIGMA=	1.0	PHAS=	64.8	FOM=	0.96	TEST=	0
INDE	16	30	22	FOBS=	32.0	SIGMA=	3.7	PHAS=	43.6	FOM=	0.22	TEST=	0
INDE	16	30	24	FOBS=	242.0	SIGMA=	0.7	PHAS=	87.8	FOM=	0.97	TEST=	0
INDE	16	30	26	FOBS=	403.1	SIGMA=	0.7	PHAS=	-43.5	FOM=	0.51	TEST=	1
INDE	16	30	28	FOBS=	36.9	SIGMA=	3.9	PHAS=	7.7	FOM=	0.83	TEST=	1
INDE	16	30	30	FOBS=	197.5	SIGMA=	1.0	PHAS=	-113.1	FOM=	0.96	TEST=	0

INDE 16 30 32 FOBS= 134.3 SIGMA= 1.4 PHAS= -77.8 FOM= 0.87 TEST= 0
INDE 16 30 34 FOBS= 245.1 SIGMA= 1.0 PHAS= -96.7 FOM= 0.92 TEST= 0
INDE 16 30 36 FOBS= 52.6 SIGMA= 3.9 PHAS= 174.1 FOM= 0.82 TEST= 0
INDE 16 30 38 FOBS= 98.5 SIGMA= 2.0 PHAS= -145.9 FOM= 0.45 TEST= 0
INDE 16 30 40 FOBS= 69.6 SIGMA= 2.7 PHAS= 3.6 FOM= 0.83 TEST= 0
INDE 16 30 42 FOBS= 59.9 SIGMA= 2.8 PHAS= -129.7 FOM= 0.64 TEST= 0
INDE 16 30 44 FOBS= 41.9 SIGMA= 4.2 PHAS= 113.4 FOM= 0.74 TEST= 0
INDE 16 30 46 FOBS= 70.3 SIGMA= 2.4 PHAS= 16.6 FOM= 0.92 TEST= 0
INDE 16 30 48 FOBS= 180.7 SIGMA= 1.0 PHAS= 96.5 FOM= 0.95 TEST= 0
INDE 16 30 50 FOBS= 75.0 SIGMA= 2.1 PHAS= -92.9 FOM= 0.78 TEST= 1
INDE 16 30 52 FOBS= 35.8 SIGMA= 4.3 PHAS= 116.9 FOM= 0.62 TEST= 0
INDE 16 30 54 FOBS= 40.6 SIGMA= 4.0 PHAS= 170.7 FOM= 0.17 TEST= 1
INDE 16 30 56 FOBS= 40.6 SIGMA= 4.8 PHAS= 28.5 FOM= 0.40 TEST= 0
INDE 16 30 58 FOBS= 84.5 SIGMA= 2.2 PHAS= -38.7 FOM= 0.79 TEST= 0
INDE 16 30 60 FOBS= 83.5 SIGMA= 2.6 PHAS= 41.9 FOM= 0.79 TEST= 0
INDE 16 30 62 FOBS= 37.6 SIGMA= 7.9 PHAS= 1.9 FOM= 0.41 TEST= 0
INDE 16 30 64 FOBS= 37.8 SIGMA= 13.1 PHAS= -30.5 FOM= 0.67 TEST= 0
INDE 16 30 66 FOBS= 0.0 SIGMA= 32.2 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 16 30 68 FOBS= 0.0 SIGMA= 32.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 16 31 17 FOBS= 119.7 SIGMA= 1.0 PHAS= -157.7 FOM= 0.93 TEST= 0
INDE 16 31 19 FOBS= 79.8 SIGMA= 1.4 PHAS= -67.3 FOM= 0.92 TEST= 0
INDE 16 31 21 FOBS= 56.6 SIGMA= 2.1 PHAS= -13.2 FOM= 0.82 TEST= 0
INDE 16 31 23 FOBS= 33.7 SIGMA= 3.6 PHAS= -124.5 FOM= 0.23 TEST= 0
INDE 16 31 25 FOBS= 58.6 SIGMA= 2.5 PHAS= 67.3 FOM= 0.86 TEST= 0
INDE 16 31 27 FOBS= 120.3 SIGMA= 1.3 PHAS= 154.4 FOM= 0.32 TEST= 1
INDE 16 31 29 FOBS= 132.9 SIGMA= 1.2 PHAS= 52.9 FOM= 0.86 TEST= 0
INDE 16 31 31 FOBS= 84.3 SIGMA= 2.2 PHAS= 178.8 FOM= 0.92 TEST= 0
INDE 16 31 33 FOBS= 216.9 SIGMA= 1.0 PHAS= 169.6 FOM= 0.83 TEST= 1
INDE 16 31 35 FOBS= 136.0 SIGMA= 1.5 PHAS= -129.0 FOM= 0.94 TEST= 0
INDE 16 31 37 FOBS= 54.6 SIGMA= 3.6 PHAS= -48.7 FOM= 0.76 TEST= 0
INDE 16 31 39 FOBS= 66.8 SIGMA= 2.9 PHAS= -104.1 FOM= 0.71 TEST= 0
INDE 16 31 41 FOBS= 116.8 SIGMA= 1.7 PHAS= -118.6 FOM= 0.86 TEST= 0
INDE 16 31 43 FOBS= 101.0 SIGMA= 1.8 PHAS= 142.3 FOM= 0.86 TEST= 0
INDE 16 31 45 FOBS= 172.6 SIGMA= 1.1 PHAS= -18.0 FOM= 0.96 TEST= 0
INDE 16 31 47 FOBS= 154.8 SIGMA= 1.1 PHAS= -8.7 FOM= 0.94 TEST= 0
INDE 16 31 49 FOBS= 163.9 SIGMA= 1.2 PHAS= -36.6 FOM= 0.90 TEST= 0
INDE 16 31 51 FOBS= 78.6 SIGMA= 2.0 PHAS= -58.6 FOM= 0.89 TEST= 0
INDE 16 31 53 FOBS= 12.0 SIGMA= 15.9 PHAS= 152.2 FOM= 0.17 TEST= 0
INDE 16 31 55 FOBS= 103.4 SIGMA= 2.1 PHAS= -56.3 FOM= 0.91 TEST= 0
INDE 16 31 57 FOBS= 0.0 SIGMA= 19.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 16 31 59 FOBS= 15.3 SIGMA= 12.0 PHAS= -156.3 FOM= 0.15 TEST= 0
INDE 16 31 61 FOBS= 93.1 SIGMA= 2.8 PHAS= -41.9 FOM= 0.93 TEST= 0
INDE 16 31 63 FOBS= 39.1 SIGMA= 7.6 PHAS= 167.3 FOM= 0.77 TEST= 0
INDE 16 31 65 FOBS= 0.0 SIGMA= 31.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 16 31 67 FOBS= 0.0 SIGMA= 32.3 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 16 31 69 FOBS= 0.0 SIGMA= 33.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 16 32 16 FOBS= 319.5 SIGMA= 0.5 PHAS= 69.7 FOM= 0.95 TEST= 0
INDE 16 32 18 FOBS= 187.5 SIGMA= 0.8 PHAS= 99.2 FOM= 0.88 TEST= 0
INDE 16 32 20 FOBS= 44.1 SIGMA= 2.7 PHAS= -155.1 FOM= 0.96 TEST= 0
INDE 16 32 22 FOBS= 196.9 SIGMA= 0.8 PHAS= -119.5 FOM= 0.89 TEST= 0
INDE 16 32 24 FOBS= 172.6 SIGMA= 0.8 PHAS= 13.6 FOM= 0.94 TEST= 0
INDE 16 32 26 FOBS= 328.2 SIGMA= 0.7 PHAS= 86.3 FOM= 0.94 TEST= 0
INDE 16 32 28 FOBS= 59.4 SIGMA= 3.0 PHAS= -22.3 FOM= 0.90 TEST= 0
INDE 16 32 30 FOBS= 182.3 SIGMA= 1.0 PHAS= 173.0 FOM= 0.98 TEST= 0
INDE 16 32 32 FOBS= 188.0 SIGMA= 1.8 PHAS= -177.3 FOM= 0.76 TEST= 1
INDE 16 32 34 FOBS= 75.2 SIGMA= 2.7 PHAS= 176.8 FOM= 0.93 TEST= 0
INDE 16 32 36 FOBS= 166.1 SIGMA= 1.3 PHAS= -158.4 FOM= 0.58 TEST= 1
INDE 16 32 38 FOBS= 211.4 SIGMA= 1.0 PHAS= 118.8 FOM= 0.92 TEST= 0
INDE 16 32 40 FOBS= 71.1 SIGMA= 2.7 PHAS= -114.1 FOM= 0.63 TEST= 0
INDE 16 32 42 FOBS= 46.9 SIGMA= 4.2 PHAS= -69.3 FOM= 0.53 TEST= 0
INDE 16 32 44 FOBS= 168.8 SIGMA= 1.2 PHAS= -138.7 FOM= 0.94 TEST= 0
INDE 16 32 46 FOBS= 222.1 SIGMA= 0.9 PHAS= -112.6 FOM= 0.96 TEST= 0
INDE 16 32 48 FOBS= 117.7 SIGMA= 1.4 PHAS= -155.0 FOM= 0.71 TEST= 0
INDE 16 32 50 FOBS= 41.9 SIGMA= 3.8 PHAS= -147.2 FOM= 0.82 TEST= 0
INDE 16 32 52 FOBS= 75.4 SIGMA= 2.3 PHAS= 70.6 FOM= 0.94 TEST= 0
INDE 16 32 54 FOBS= 50.8 SIGMA= 3.9 PHAS= -133.1 FOM= 0.51 TEST= 0
INDE 16 32 56 FOBS= 44.4 SIGMA= 4.8 PHAS= -65.5 FOM= 0.47 TEST= 0
INDE 16 32 58 FOBS= 0.0 SIGMA= 22.6 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 16 32 60 FOBS= 7.4 SIGMA= 28.8 PHAS= 55.7 FOM= 0.04 TEST= 0
INDE 16 32 62 FOBS= 37.8 SIGMA= 6.8 PHAS= -13.3 FOM= 0.31 TEST= 0

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INDE	16	32	64	FOBS=	35.7	SIGMA=	8.5	PHAS=	74.8	FOM=	0.63	TEST=	0
INDE	16	32	66	FOBS=	28.1	SIGMA=	13.6	PHAS=	-170.0	FOM=	0.35	TEST=	0
INDE	16	32	68	FOBS=	0.0	SIGMA=	32.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	33	17	FOBS=	89.9	SIGMA=	1.4	PHAS=	-43.9	FOM=	0.51	TEST=	0
INDE	16	33	19	FOBS=	174.6	SIGMA=	0.8	PHAS=	-145.9	FOM=	0.91	TEST=	0
INDE	16	33	21	FOBS=	326.5	SIGMA=	0.6	PHAS=	101.7	FOM=	0.98	TEST=	0
INDE	16	33	23	FOBS=	135.1	SIGMA=	1.1	PHAS=	177.8	FOM=	0.94	TEST=	0
INDE	16	33	25	FOBS=	0.0	SIGMA=	17.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	33	27	FOBS=	24.6	SIGMA=	7.0	PHAS=	-5.6	FOM=	0.36	TEST=	0
INDE	16	33	29	FOBS=	177.7	SIGMA=	1.1	PHAS=	-171.9	FOM=	0.93	TEST=	0
INDE	16	33	31	FOBS=	317.1	SIGMA=	0.8	PHAS=	57.6	FOM=	0.95	TEST=	0
INDE	16	33	33	FOBS=	108.7	SIGMA=	2.1	PHAS=	98.6	FOM=	0.92	TEST=	0
INDE	16	33	35	FOBS=	84.1	SIGMA=	2.4	PHAS=	48.0	FOM=	0.84	TEST=	0
INDE	16	33	37	FOBS=	68.6	SIGMA=	2.8	PHAS=	-71.7	FOM=	0.69	TEST=	0
INDE	16	33	39	FOBS=	78.4	SIGMA=	2.5	PHAS=	71.0	FOM=	0.84	TEST=	1
INDE	16	33	41	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	33	43	FOBS=	112.4	SIGMA=	1.7	PHAS=	108.7	FOM=	0.90	TEST=	0
INDE	16	33	45	FOBS=	77.8	SIGMA=	2.4	PHAS=	122.0	FOM=	0.87	TEST=	0
INDE	16	33	47	FOBS=	103.7	SIGMA=	1.8	PHAS=	-170.3	FOM=	0.94	TEST=	0
INDE	16	33	49	FOBS=	0.0	SIGMA=	18.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	33	51	FOBS=	61.4	SIGMA=	3.1	PHAS=	-29.4	FOM=	0.79	TEST=	0
INDE	16	33	53	FOBS=	136.7	SIGMA=	1.7	PHAS=	-57.5	FOM=	0.95	TEST=	0
INDE	16	33	55	FOBS=	67.5	SIGMA=	3.2	PHAS=	97.8	FOM=	0.51	TEST=	0
INDE	16	33	57	FOBS=	20.9	SIGMA=	10.1	PHAS=	-164.0	FOM=	0.17	TEST=	0
INDE	16	33	59	FOBS=	58.9	SIGMA=	3.6	PHAS=	-64.9	FOM=	0.78	TEST=	0
INDE	16	33	61	FOBS=	61.7	SIGMA=	3.4	PHAS=	-31.9	FOM=	0.61	TEST=	0
INDE	16	33	63	FOBS=	53.9	SIGMA=	4.3	PHAS=	97.9	FOM=	0.70	TEST=	0
INDE	16	33	65	FOBS=	22.1	SIGMA=	13.9	PHAS=	28.6	FOM=	0.25	TEST=	0
INDE	16	33	67	FOBS=	0.0	SIGMA=	27.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	34	16	FOBS=	119.8	SIGMA=	1.1	PHAS=	96.0	FOM=	0.53	TEST=	0
INDE	16	34	18	FOBS=	360.7	SIGMA=	0.6	PHAS=	101.5	FOM=	0.96	TEST=	0
INDE	16	34	20	FOBS=	277.7	SIGMA=	0.7	PHAS=	57.8	FOM=	0.95	TEST=	0
INDE	16	34	22	FOBS=	64.6	SIGMA=	2.3	PHAS=	6.0	FOM=	0.52	TEST=	0
INDE	16	34	24	FOBS=	187.8	SIGMA=	1.0	PHAS=	-29.0	FOM=	0.79	TEST=	0
INDE	16	34	26	FOBS=	71.5	SIGMA=	2.3	PHAS=	63.3	FOM=	0.90	TEST=	0
INDE	16	34	28	FOBS=	175.9	SIGMA=	1.1	PHAS=	98.6	FOM=	0.93	TEST=	0
INDE	16	34	30	FOBS=	186.2	SIGMA=	1.1	PHAS=	-174.5	FOM=	0.96	TEST=	0
INDE	16	34	32	FOBS=	141.0	SIGMA=	1.5	PHAS=	19.8	FOM=	0.92	TEST=	0
INDE	16	34	34	FOBS=	63.0	SIGMA=	3.2	PHAS=	-71.1	FOM=	0.95	TEST=	0
INDE	16	34	36	FOBS=	235.5	SIGMA=	1.0	PHAS=	-112.5	FOM=	0.96	TEST=	0
INDE	16	34	38	FOBS=	123.7	SIGMA=	1.6	PHAS=	149.1	FOM=	0.98	TEST=	0
INDE	16	34	40	FOBS=	119.9	SIGMA=	1.6	PHAS=	-15.4	FOM=	0.89	TEST=	0
INDE	16	34	42	FOBS=	91.1	SIGMA=	2.1	PHAS=	-62.4	FOM=	0.92	TEST=	1
INDE	16	34	44	FOBS=	119.3	SIGMA=	1.6	PHAS=	-31.2	FOM=	0.60	TEST=	0
INDE	16	34	46	FOBS=	99.8	SIGMA=	1.9	PHAS=	130.5	FOM=	0.78	TEST=	0
INDE	16	34	48	FOBS=	148.5	SIGMA=	1.4	PHAS=	118.8	FOM=	0.95	TEST=	0
INDE	16	34	50	FOBS=	104.1	SIGMA=	1.9	PHAS=	80.1	FOM=	0.86	TEST=	0
INDE	16	34	52	FOBS=	163.1	SIGMA=	1.3	PHAS=	-172.5	FOM=	0.97	TEST=	0
INDE	16	34	54	FOBS=	54.4	SIGMA=	3.9	PHAS=	-107.1	FOM=	0.84	TEST=	0
INDE	16	34	56	FOBS=	88.9	SIGMA=	2.4	PHAS=	-57.9	FOM=	0.85	TEST=	0
INDE	16	34	58	FOBS=	40.7	SIGMA=	5.7	PHAS=	53.0	FOM=	0.32	TEST=	1
INDE	16	34	60	FOBS=	49.4	SIGMA=	4.3	PHAS=	-95.9	FOM=	0.87	TEST=	0
INDE	16	34	62	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	34	64	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	16	34	66	FOBS=	0.0	SIGMA=	25.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	34	68	FOBS=	0.0	SIGMA=	28.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	35	17	FOBS=	138.2	SIGMA=	1.0	PHAS=	100.2	FOM=	0.74	TEST=	0
INDE	16	35	19	FOBS=	287.5	SIGMA=	0.7	PHAS=	-19.7	FOM=	0.96	TEST=	0
INDE	16	35	21	FOBS=	146.1	SIGMA=	1.1	PHAS=	112.6	FOM=	0.88	TEST=	0
INDE	16	35	23	FOBS=	156.6	SIGMA=	1.1	PHAS=	169.2	FOM=	0.94	TEST=	0
INDE	16	35	25	FOBS=	217.1	SIGMA=	0.9	PHAS=	-125.9	FOM=	0.94	TEST=	0
INDE	16	35	27	FOBS=	148.1	SIGMA=	1.3	PHAS=	15.7	FOM=	0.98	TEST=	0
INDE	16	35	29	FOBS=	77.2	SIGMA=	2.3	PHAS=	66.1	FOM=	0.96	TEST=	1
INDE	16	35	31	FOBS=	120.8	SIGMA=	1.9	PHAS=	-108.1	FOM=	0.76	TEST=	0
INDE	16	35	33	FOBS=	143.2	SIGMA=	1.5	PHAS=	164.1	FOM=	0.98	TEST=	0
INDE	16	35	35	FOBS=	156.5	SIGMA=	1.3	PHAS=	109.4	FOM=	0.91	TEST=	0
INDE	16	35	37	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	16	35	39	FOBS=	78.6	SIGMA=	2.5	PHAS=	-42.7	FOM=	0.86	TEST=	0
INDE	16	35	41	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	35	43	FOBS=	115.5	SIGMA=	1.7	PHAS=	154.9	FOM=	0.93	TEST=	0

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INDE	16	35	45	FOBS=	83.0	SIGMA=	2.5	PHAS=	19.7	FOM=	0.85	TEST=	0
INDE	16	35	47	FOBS=	83.5	SIGMA=	2.7	PHAS=	-70.1	FOM=	0.28	TEST=	1
INDE	16	35	49	FOBS=	151.5	SIGMA=	1.7	PHAS=	-27.3	FOM=	0.96	TEST=	0
INDE	16	35	51	FOBS=	139.7	SIGMA=	1.7	PHAS=	15.5	FOM=	0.96	TEST=	0
INDE	16	35	53	FOBS=	44.3	SIGMA=	4.9	PHAS=	93.8	FOM=	0.36	TEST=	0
INDE	16	35	55	FOBS=	100.7	SIGMA=	2.2	PHAS=	-178.5	FOM=	0.92	TEST=	0
INDE	16	35	57	FOBS=	56.7	SIGMA=	3.8	PHAS=	-85.3	FOM=	0.87	TEST=	0
INDE	16	35	59	FOBS=	63.1	SIGMA=	3.4	PHAS=	-177.9	FOM=	0.86	TEST=	0
INDE	16	35	61	FOBS=	0.0	SIGMA=	24.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	35	63	FOBS=	0.0	SIGMA=	24.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	35	65	FOBS=	33.3	SIGMA=	9.5	PHAS=	6.0	FOM=	0.27	TEST=	0
INDE	16	35	67	FOBS=	36.6	SIGMA=	8.8	PHAS=	-0.2	FOM=	0.18	TEST=	0
INDE	16	36	16	FOBS=	89.8	SIGMA=	1.5	PHAS=	-143.1	FOM=	0.85	TEST=	0
INDE	16	36	18	FOBS=	137.9	SIGMA=	1.2	PHAS=	-141.6	FOM=	0.85	TEST=	0
INDE	16	36	20	FOBS=	153.3	SIGMA=	1.1	PHAS=	106.4	FOM=	0.97	TEST=	0
INDE	16	36	22	FOBS=	199.5	SIGMA=	0.9	PHAS=	-83.9	FOM=	0.90	TEST=	0
INDE	16	36	24	FOBS=	154.6	SIGMA=	1.2	PHAS=	-169.7	FOM=	0.87	TEST=	0
INDE	16	36	26	FOBS=	135.6	SIGMA=	1.4	PHAS=	165.1	FOM=	0.94	TEST=	0
INDE	16	36	28	FOBS=	151.1	SIGMA=	1.3	PHAS=	-25.4	FOM=	0.81	TEST=	0
INDE	16	36	30	FOBS=	172.8	SIGMA=	1.1	PHAS=	-168.6	FOM=	0.97	TEST=	0
INDE	16	36	32	FOBS=	39.7	SIGMA=	4.9	PHAS=	-14.7	FOM=	0.59	TEST=	0
INDE	16	36	34	FOBS=	138.4	SIGMA=	1.5	PHAS=	7.3	FOM=	0.88	TEST=	0
INDE	16	36	36	FOBS=	113.5	SIGMA=	1.8	PHAS=	-146.0	FOM=	0.81	TEST=	0
INDE	16	36	38	FOBS=	241.1	SIGMA=	1.0	PHAS=	-174.9	FOM=	0.97	TEST=	0
INDE	16	36	40	FOBS=	102.8	SIGMA=	1.9	PHAS=	-98.2	FOM=	0.91	TEST=	0
INDE	16	36	42	FOBS=	85.2	SIGMA=	2.2	PHAS=	131.0	FOM=	0.80	TEST=	0
INDE	16	36	44	FOBS=	67.9	SIGMA=	3.0	PHAS=	22.0	FOM=	0.80	TEST=	0
INDE	16	36	46	FOBS=	43.7	SIGMA=	5.2	PHAS=	-96.3	FOM=	0.42	TEST=	0
INDE	16	36	48	FOBS=	58.5	SIGMA=	3.8	PHAS=	162.8	FOM=	0.80	TEST=	0
INDE	16	36	50	FOBS=	23.9	SIGMA=	9.1	PHAS=	-89.5	FOM=	0.29	TEST=	0
INDE	16	36	52	FOBS=	161.6	SIGMA=	1.5	PHAS=	-134.9	FOM=	0.94	TEST=	0
INDE	16	36	54	FOBS=	93.5	SIGMA=	2.4	PHAS=	128.5	FOM=	0.90	TEST=	0
INDE	16	36	56	FOBS=	93.8	SIGMA=	2.3	PHAS=	168.0	FOM=	0.88	TEST=	0
INDE	16	36	58	FOBS=	117.2	SIGMA=	1.9	PHAS=	164.5	FOM=	0.93	TEST=	0
INDE	16	36	60	FOBS=	29.6	SIGMA=	7.9	PHAS=	79.4	FOM=	0.18	TEST=	0
INDE	16	36	62	FOBS=	50.2	SIGMA=	4.3	PHAS=	-172.3	FOM=	0.42	TEST=	0
INDE	16	36	64	FOBS=	101.0	SIGMA=	2.2	PHAS=	64.8	FOM=	0.68	TEST=	0
INDE	16	36	66	FOBS=	62.1	SIGMA=	5.2	PHAS=	150.2	FOM=	0.78	TEST=	0
INDE	16	37	17	FOBS=	219.3	SIGMA=	0.8	PHAS=	141.3	FOM=	0.93	TEST=	0
INDE	16	37	19	FOBS=	109.0	SIGMA=	1.6	PHAS=	64.2	FOM=	0.77	TEST=	0
INDE	16	37	21	FOBS=	74.5	SIGMA=	2.3	PHAS=	160.1	FOM=	0.85	TEST=	1
INDE	16	37	23	FOBS=	85.8	SIGMA=	2.1	PHAS=	100.0	FOM=	0.92	TEST=	1
INDE	16	37	25	FOBS=	102.6	SIGMA=	1.9	PHAS=	109.3	FOM=	0.64	TEST=	0
INDE	16	37	27	FOBS=	183.0	SIGMA=	1.2	PHAS=	165.1	FOM=	0.91	TEST=	0
INDE	16	37	29	FOBS=	24.0	SIGMA=	8.2	PHAS=	-75.0	FOM=	0.17	TEST=	0
INDE	16	37	31	FOBS=	88.6	SIGMA=	2.0	PHAS=	-122.2	FOM=	0.87	TEST=	0
INDE	16	37	33	FOBS=	144.0	SIGMA=	1.3	PHAS=	156.1	FOM=	0.95	TEST=	0
INDE	16	37	35	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	37	37	FOBS=	164.9	SIGMA=	1.3	PHAS=	116.5	FOM=	0.93	TEST=	0
INDE	16	37	39	FOBS=	108.0	SIGMA=	1.8	PHAS=	-167.9	FOM=	0.83	TEST=	0
INDE	16	37	41	FOBS=	139.1	SIGMA=	1.6	PHAS=	110.8	FOM=	0.90	TEST=	0
INDE	16	37	43	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	37	45	FOBS=	202.9	SIGMA=	1.2	PHAS=	-117.6	FOM=	0.96	TEST=	0
INDE	16	37	47	FOBS=	138.3	SIGMA=	1.7	PHAS=	-67.2	FOM=	0.93	TEST=	0
INDE	16	37	49	FOBS=	49.6	SIGMA=	4.4	PHAS=	-9.7	FOM=	0.18	TEST=	0
INDE	16	37	51	FOBS=	92.4	SIGMA=	2.4	PHAS=	46.3	FOM=	0.93	TEST=	0
INDE	16	37	53	FOBS=	89.0	SIGMA=	2.5	PHAS=	132.5	FOM=	0.10	TEST=	1
INDE	16	37	55	FOBS=	129.6	SIGMA=	1.7	PHAS=	3.7	FOM=	0.93	TEST=	0
INDE	16	37	57	FOBS=	46.0	SIGMA=	4.7	PHAS=	17.9	FOM=	0.07	TEST=	1
INDE	16	37	59	FOBS=	43.6	SIGMA=	5.4	PHAS=	83.6	FOM=	0.84	TEST=	0
INDE	16	37	61	FOBS=	4.1	SIGMA=	62.8	PHAS=	51.6	FOM=	0.11	TEST=	0
INDE	16	37	63	FOBS=	99.0	SIGMA=	2.3	PHAS=	-113.0	FOM=	0.80	TEST=	0
INDE	16	37	65	FOBS=	27.3	SIGMA=	14.8	PHAS=	71.8	FOM=	0.02	TEST=	1
INDE	16	38	16	FOBS=	175.7	SIGMA=	1.0	PHAS=	-15.3	FOM=	0.96	TEST=	0
INDE	16	38	18	FOBS=	171.6	SIGMA=	1.1	PHAS=	92.4	FOM=	0.71	TEST=	0
INDE	16	38	20	FOBS=	166.8	SIGMA=	1.1	PHAS=	131.0	FOM=	0.93	TEST=	0
INDE	16	38	22	FOBS=	249.1	SIGMA=	0.9	PHAS=	-60.8	FOM=	0.96	TEST=	0
INDE	16	38	24	FOBS=	114.7	SIGMA=	1.7	PHAS=	-167.6	FOM=	0.46	TEST=	0
INDE	16	38	26	FOBS=	44.3	SIGMA=	4.4	PHAS=	-9.9	FOM=	0.79	TEST=	1
INDE	16	38	28	FOBS=	67.3	SIGMA=	2.9	PHAS=	159.4	FOM=	0.30	TEST=	0

INDE 16 38 30 FOBS= 117.1 SIGMA= 1.5 PHAS= -100.9 FOM= 0.84 TEST= 0
INDE 16 38 32 FOBS= 0.0 SIGMA= 18.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 16 38 34 FOBS= 36.0 SIGMA= 4.9 PHAS= -142.2 FOM= 0.63 TEST= 0
INDE 16 38 36 FOBS= 0.0 SIGMA= 19.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 16 38 38 FOBS= 46.4 SIGMA= 4.6 PHAS= 127.1 FOM= 0.36 TEST= 0
INDE 16 38 40 FOBS= 79.2 SIGMA= 2.9 PHAS= 72.4 FOM= 0.86 TEST= 0
INDE 16 38 42 FOBS= 28.1 SIGMA= 8.8 PHAS= 122.2 FOM= 0.11 TEST= 0
INDE 16 38 44 FOBS= 81.2 SIGMA= 2.8 PHAS= -168.0 FOM= 0.09 TEST= 0
INDE 16 38 46 FOBS= 173.4 SIGMA= 1.4 PHAS= -169.4 FOM= 0.97 TEST= 0
INDE 16 38 48 FOBS= 0.0 SIGMA= 23.0 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 16 38 50 FOBS= 0.0 SIGMA= 20.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 16 38 52 FOBS= 136.4 SIGMA= 1.7 PHAS= -24.9 FOM= 0.90 TEST= 0
INDE 16 38 54 FOBS= 165.0 SIGMA= 1.4 PHAS= -153.0 FOM= 0.95 TEST= 0
INDE 16 38 56 FOBS= 40.7 SIGMA= 5.3 PHAS= -160.6 FOM= 0.86 TEST= 0
INDE 16 38 58 FOBS= 67.7 SIGMA= 3.2 PHAS= -117.2 FOM= 0.88 TEST= 0
INDE 16 38 60 FOBS= 67.6 SIGMA= 3.2 PHAS= -51.2 FOM= 0.74 TEST= 0
INDE 16 38 62 FOBS= 45.6 SIGMA= 4.8 PHAS= -151.5 FOM= 0.62 TEST= 0
INDE 16 38 64 FOBS= 0.0 SIGMA= 27.1 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 16 39 17 FOBS= 54.0 SIGMA= 3.2 PHAS= 142.8 FOM= 0.61 TEST= 0
INDE 16 39 19 FOBS= 177.2 SIGMA= 1.1 PHAS= 108.2 FOM= 0.93 TEST= 0
INDE 16 39 21 FOBS= 191.9 SIGMA= 1.1 PHAS= 160.9 FOM= 0.98 TEST= 0
INDE 16 39 23 FOBS= 101.6 SIGMA= 2.0 PHAS= 143.0 FOM= 0.59 TEST= 0
INDE 16 39 25 FOBS= 22.7 SIGMA= 9.1 PHAS= -87.4 FOM= 0.85 TEST= 0
INDE 16 39 27 FOBS= 252.2 SIGMA= 0.9 PHAS= 145.9 FOM= 0.95 TEST= 0
INDE 16 39 29 FOBS= 95.7 SIGMA= 1.9 PHAS= -140.4 FOM= 0.86 TEST= 0
INDE 16 39 31 FOBS= 110.2 SIGMA= 1.6 PHAS= -143.6 FOM= 0.79 TEST= 0
INDE 16 39 33 FOBS= 204.1 SIGMA= 0.9 PHAS= 167.7 FOM= 0.53 TEST= 1
INDE 16 39 35 FOBS= 135.8 SIGMA= 1.4 PHAS= -107.8 FOM= 0.88 TEST= 0
INDE 16 39 37 FOBS= 61.3 SIGMA= 3.9 PHAS= 42.1 FOM= 0.10 TEST= 0
INDE 16 39 39 FOBS= 168.3 SIGMA= 1.5 PHAS= -24.4 FOM= 0.93 TEST= 0
INDE 16 39 41 FOBS= 109.5 SIGMA= 2.2 PHAS= -26.1 FOM= 0.90 TEST= 0
INDE 16 39 43 FOBS= 0.0 SIGMA= 21.3 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 16 39 45 FOBS= 47.2 SIGMA= 4.8 PHAS= -6.0 FOM= 0.84 TEST= 0
INDE 16 39 47 FOBS= 57.2 SIGMA= 3.9 PHAS= 27.5 FOM= 0.09 TEST= 1
INDE 16 39 49 FOBS= 0.0 SIGMA= 20.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 16 39 51 FOBS= 0.0 SIGMA= 20.7 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 16 39 53 FOBS= 0.0 SIGMA= 20.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 16 39 55 FOBS= 0.0 SIGMA= 23.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 16 39 57 FOBS= 52.6 SIGMA= 4.1 PHAS= 175.5 FOM= 0.80 TEST= 0
INDE 16 39 59 FOBS= 84.9 SIGMA= 2.6 PHAS= 129.6 FOM= 0.91 TEST= 0
INDE 16 39 61 FOBS= 0.0 SIGMA= 20.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 16 39 63 FOBS= 36.7 SIGMA= 7.5 PHAS= -2.3 FOM= 0.63 TEST= 0
INDE 16 39 65 FOBS= 102.5 SIGMA= 3.3 PHAS= -0.5 FOM= 0.93 TEST= 0
INDE 16 40 16 FOBS= 72.7 SIGMA= 2.4 PHAS= -24.0 FOM= 0.54 TEST= 0
INDE 16 40 18 FOBS= 141.7 SIGMA= 1.3 PHAS= 39.8 FOM= 0.91 TEST= 0
INDE 16 40 20 FOBS= 309.8 SIGMA= 0.7 PHAS= 83.8 FOM= 0.99 TEST= 0
INDE 16 40 22 FOBS= 8.5 SIGMA= 24.1 PHAS= 93.9 FOM= 0.18 TEST= 0
INDE 16 40 24 FOBS= 134.0 SIGMA= 1.5 PHAS= 174.0 FOM= 0.96 TEST= 0
INDE 16 40 26 FOBS= 0.0 SIGMA= 20.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 16 40 28 FOBS= 0.0 SIGMA= 19.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 16 40 30 FOBS= 23.9 SIGMA= 7.7 PHAS= -34.0 FOM= 0.32 TEST= 0
INDE 16 40 32 FOBS= 95.0 SIGMA= 2.1 PHAS= 117.9 FOM= 0.80 TEST= 0
INDE 16 40 34 FOBS= 45.7 SIGMA= 4.2 PHAS= -178.3 FOM= 0.36 TEST= 0
INDE 16 40 36 FOBS= 113.2 SIGMA= 1.7 PHAS= -179.6 FOM= 0.91 TEST= 1
INDE 16 40 38 FOBS= 221.3 SIGMA= 1.2 PHAS= -115.4 FOM= 0.97 TEST= 0
INDE 16 40 40 FOBS= 168.8 SIGMA= 1.5 PHAS= -34.8 FOM= 0.40 TEST= 1
INDE 16 40 42 FOBS= 54.5 SIGMA= 4.2 PHAS= -165.8 FOM= 0.68 TEST= 1
INDE 16 40 44 FOBS= 62.9 SIGMA= 4.0 PHAS= 117.5 FOM= 0.66 TEST= 0
INDE 16 40 46 FOBS= 79.2 SIGMA= 2.8 PHAS= -113.1 FOM= 0.88 TEST= 0
INDE 16 40 48 FOBS= 83.3 SIGMA= 2.7 PHAS= -25.3 FOM= 0.93 TEST= 0
INDE 16 40 50 FOBS= 77.7 SIGMA= 2.8 PHAS= -123.8 FOM= 0.95 TEST= 0
INDE 16 40 52 FOBS= 90.9 SIGMA= 2.5 PHAS= -114.8 FOM= 0.49 TEST= 1
INDE 16 40 54 FOBS= 49.1 SIGMA= 4.4 PHAS= 132.4 FOM= 0.53 TEST= 0
INDE 16 40 56 FOBS= 133.7 SIGMA= 1.7 PHAS= 155.1 FOM= 0.94 TEST= 0
INDE 16 40 58 FOBS= 36.1 SIGMA= 6.0 PHAS= -128.0 FOM= 0.15 TEST= 0
INDE 16 40 60 FOBS= 34.8 SIGMA= 6.3 PHAS= -67.4 FOM= 0.48 TEST= 0
INDE 16 40 62 FOBS= 29.5 SIGMA= 10.9 PHAS= 171.5 FOM= 0.50 TEST= 0
INDE 16 40 64 FOBS= 103.2 SIGMA= 2.8 PHAS= -137.2 FOM= 0.96 TEST= 0
INDE 16 41 17 FOBS= 219.8 SIGMA= 0.9 PHAS= -47.4 FOM= 0.94 TEST= 0
INDE 16 41 19 FOBS= 66.0 SIGMA= 3.0 PHAS= 8.4 FOM= 0.90 TEST= 0

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INDE	16	41	21	FOBS=	322.8	SIGMA=	0.8	PHAS=	12.1	FOM=	0.97	TEST=	0
INDE	16	41	23	FOBS=	135.2	SIGMA=	1.6	PHAS=	93.9	FOM=	0.94	TEST=	0
INDE	16	41	25	FOBS=	86.2	SIGMA=	2.4	PHAS=	-122.4	FOM=	0.80	TEST=	0
INDE	16	41	27	FOBS=	138.4	SIGMA=	1.8	PHAS=	144.8	FOM=	0.84	TEST=	0
INDE	16	41	29	FOBS=	134.2	SIGMA=	1.6	PHAS=	-127.1	FOM=	0.90	TEST=	0
INDE	16	41	31	FOBS=	96.4	SIGMA=	2.1	PHAS=	140.7	FOM=	0.74	TEST=	0
INDE	16	41	33	FOBS=	132.7	SIGMA=	1.5	PHAS=	127.0	FOM=	0.82	TEST=	0
INDE	16	41	35	FOBS=	97.3	SIGMA=	1.8	PHAS=	-178.9	FOM=	0.65	TEST=	0
INDE	16	41	37	FOBS=	94.7	SIGMA=	2.0	PHAS=	89.1	FOM=	0.89	TEST=	0
INDE	16	41	39	FOBS=	77.5	SIGMA=	3.0	PHAS=	-122.6	FOM=	0.71	TEST=	0
INDE	16	41	41	FOBS=	111.6	SIGMA=	2.1	PHAS=	-137.5	FOM=	0.93	TEST=	0
INDE	16	41	43	FOBS=	113.9	SIGMA=	2.1	PHAS=	107.4	FOM=	0.89	TEST=	0
INDE	16	41	45	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	41	47	FOBS=	123.1	SIGMA=	1.9	PHAS=	-99.7	FOM=	0.94	TEST=	0
INDE	16	41	49	FOBS=	88.3	SIGMA=	2.5	PHAS=	167.8	FOM=	0.90	TEST=	0
INDE	16	41	51	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	41	53	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	41	55	FOBS=	86.8	SIGMA=	2.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	16	41	57	FOBS=	47.2	SIGMA=	4.6	PHAS=	62.4	FOM=	0.31	TEST=	0
INDE	16	41	59	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	41	61	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	41	63	FOBS=	94.3	SIGMA=	3.0	PHAS=	73.9	FOM=	0.81	TEST=	0
INDE	16	42	16	FOBS=	51.1	SIGMA=	3.9	PHAS=	-152.5	FOM=	0.74	TEST=	0
INDE	16	42	18	FOBS=	236.0	SIGMA=	1.0	PHAS=	-97.7	FOM=	0.95	TEST=	0
INDE	16	42	20	FOBS=	144.2	SIGMA=	1.7	PHAS=	-150.7	FOM=	0.87	TEST=	0
INDE	16	42	22	FOBS=	90.7	SIGMA=	2.5	PHAS=	-60.1	FOM=	0.65	TEST=	0
INDE	16	42	24	FOBS=	110.4	SIGMA=	2.0	PHAS=	73.1	FOM=	0.80	TEST=	0
INDE	16	42	26	FOBS=	79.2	SIGMA=	2.8	PHAS=	-156.9	FOM=	0.59	TEST=	0
INDE	16	42	28	FOBS=	82.1	SIGMA=	2.7	PHAS=	129.1	FOM=	0.76	TEST=	0
INDE	16	42	30	FOBS=	168.5	SIGMA=	1.3	PHAS=	85.1	FOM=	0.87	TEST=	0
INDE	16	42	32	FOBS=	150.1	SIGMA=	1.4	PHAS=	103.8	FOM=	0.87	TEST=	1
INDE	16	42	34	FOBS=	87.1	SIGMA=	2.2	PHAS=	52.4	FOM=	0.69	TEST=	0
INDE	16	42	36	FOBS=	90.5	SIGMA=	2.0	PHAS=	-149.2	FOM=	0.51	TEST=	0
INDE	16	42	38	FOBS=	52.4	SIGMA=	4.1	PHAS=	-146.8	FOM=	0.77	TEST=	0
INDE	16	42	40	FOBS=	178.2	SIGMA=	1.4	PHAS=	176.3	FOM=	0.96	TEST=	0
INDE	16	42	42	FOBS=	67.3	SIGMA=	3.5	PHAS=	47.0	FOM=	0.81	TEST=	0
INDE	16	42	44	FOBS=	71.9	SIGMA=	3.2	PHAS=	-30.9	FOM=	0.80	TEST=	0
INDE	16	42	46	FOBS=	71.3	SIGMA=	3.2	PHAS=	160.6	FOM=	0.61	TEST=	0
INDE	16	42	48	FOBS=	31.9	SIGMA=	7.5	PHAS=	138.1	FOM=	0.25	TEST=	1
INDE	16	42	50	FOBS=	30.0	SIGMA=	7.3	PHAS=	-46.1	FOM=	0.64	TEST=	1
INDE	16	42	52	FOBS=	63.1	SIGMA=	3.5	PHAS=	33.6	FOM=	0.63	TEST=	0
INDE	16	42	54	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	42	56	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	42	58	FOBS=	42.6	SIGMA=	5.1	PHAS=	-148.6	FOM=	0.77	TEST=	0
INDE	16	42	60	FOBS=	26.7	SIGMA=	10.1	PHAS=	178.3	FOM=	0.56	TEST=	0
INDE	16	42	62	FOBS=	25.9	SIGMA=	10.7	PHAS=	-78.1	FOM=	0.58	TEST=	0
INDE	16	43	17	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	43	19	FOBS=	246.5	SIGMA=	1.0	PHAS=	142.9	FOM=	0.93	TEST=	0
INDE	16	43	21	FOBS=	83.6	SIGMA=	2.7	PHAS=	2.0	FOM=	0.80	TEST=	0
INDE	16	43	23	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	43	25	FOBS=	151.6	SIGMA=	1.5	PHAS=	163.0	FOM=	0.90	TEST=	0
INDE	16	43	27	FOBS=	39.7	SIGMA=	5.5	PHAS=	124.4	FOM=	0.41	TEST=	0
INDE	16	43	29	FOBS=	151.6	SIGMA=	1.5	PHAS=	-67.2	FOM=	0.89	TEST=	0
INDE	16	43	31	FOBS=	169.7	SIGMA=	1.2	PHAS=	-13.9	FOM=	0.70	TEST=	1
INDE	16	43	33	FOBS=	30.5	SIGMA=	6.7	PHAS=	12.5	FOM=	0.81	TEST=	0
INDE	16	43	35	FOBS=	53.2	SIGMA=	3.6	PHAS=	-154.0	FOM=	0.62	TEST=	0
INDE	16	43	37	FOBS=	88.4	SIGMA=	2.0	PHAS=	69.7	FOM=	0.75	TEST=	0
INDE	16	43	39	FOBS=	145.6	SIGMA=	1.6	PHAS=	105.4	FOM=	0.95	TEST=	0
INDE	16	43	41	FOBS=	68.8	SIGMA=	3.4	PHAS=	152.4	FOM=	0.63	TEST=	0
INDE	16	43	43	FOBS=	79.4	SIGMA=	2.9	PHAS=	-94.5	FOM=	0.81	TEST=	0
INDE	16	43	45	FOBS=	7.8	SIGMA=	29.2	PHAS=	-97.0	FOM=	0.02	TEST=	0
INDE	16	43	47	FOBS=	50.5	SIGMA=	4.4	PHAS=	93.3	FOM=	0.70	TEST=	0
INDE	16	43	49	FOBS=	96.0	SIGMA=	2.4	PHAS=	160.3	FOM=	0.89	TEST=	0
INDE	16	43	51	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	43	53	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	43	55	FOBS=	41.7	SIGMA=	5.3	PHAS=	53.4	FOM=	0.52	TEST=	0
INDE	16	43	57	FOBS=	63.8	SIGMA=	3.4	PHAS=	37.3	FOM=	0.89	TEST=	0
INDE	16	43	59	FOBS=	57.8	SIGMA=	3.8	PHAS=	64.0	FOM=	0.85	TEST=	0
INDE	16	43	61	FOBS=	39.8	SIGMA=	7.0	PHAS=	58.1	FOM=	0.72	TEST=	0
INDE	16	44	16	FOBS=	216.7	SIGMA=	1.1	PHAS=	-43.8	FOM=	0.95	TEST=	0

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INDE	16	44	18	FOBS=	155.9	SIGMA=	1.5	PHAS=	-55.9	FOM=	0.90	TEST=	0
INDE	16	44	20	FOBS=	90.2	SIGMA=	2.7	PHAS=	-159.0	FOM=	0.78	TEST=	0
INDE	16	44	22	FOBS=	57.9	SIGMA=	3.8	PHAS=	80.3	FOM=	0.49	TEST=	1
INDE	16	44	24	FOBS=	228.3	SIGMA=	1.1	PHAS=	72.8	FOM=	0.97	TEST=	0
INDE	16	44	26	FOBS=	98.1	SIGMA=	2.2	PHAS=	88.9	FOM=	0.89	TEST=	0
INDE	16	44	28	FOBS=	136.1	SIGMA=	1.7	PHAS=	1.3	FOM=	0.89	TEST=	0
INDE	16	44	30	FOBS=	18.5	SIGMA=	11.8	PHAS=	14.2	FOM=	0.07	TEST=	0
INDE	16	44	32	FOBS=	26.0	SIGMA=	7.5	PHAS=	-86.2	FOM=	0.82	TEST=	0
INDE	16	44	34	FOBS=	102.4	SIGMA=	1.9	PHAS=	88.7	FOM=	0.74	TEST=	0
INDE	16	44	36	FOBS=	68.2	SIGMA=	2.8	PHAS=	-72.8	FOM=	0.75	TEST=	0
INDE	16	44	38	FOBS=	79.8	SIGMA=	2.2	PHAS=	27.3	FOM=	0.84	TEST=	0
INDE	16	44	40	FOBS=	66.7	SIGMA=	3.2	PHAS=	11.9	FOM=	0.84	TEST=	0
INDE	16	44	42	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	44	44	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	44	46	FOBS=	17.0	SIGMA=	14.2	PHAS=	71.5	FOM=	0.26	TEST=	0
INDE	16	44	48	FOBS=	39.3	SIGMA=	6.8	PHAS=	-30.9	FOM=	0.22	TEST=	0
INDE	16	44	50	FOBS=	74.3	SIGMA=	3.0	PHAS=	-0.7	FOM=	0.90	TEST=	0
INDE	16	44	52	FOBS=	0.0	SIGMA=	24.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	44	54	FOBS=	31.1	SIGMA=	7.1	PHAS=	47.0	FOM=	0.12	TEST=	0
INDE	16	44	56	FOBS=	89.2	SIGMA=	2.5	PHAS=	-18.2	FOM=	0.90	TEST=	0
INDE	16	44	58	FOBS=	43.5	SIGMA=	5.1	PHAS=	-126.5	FOM=	0.77	TEST=	0
INDE	16	44	60	FOBS=	87.8	SIGMA=	3.2	PHAS=	-69.4	FOM=	0.84	TEST=	0
INDE	16	44	62	FOBS=	21.2	SIGMA=	13.3	PHAS=	5.7	FOM=	0.06	TEST=	0
INDE	16	45	17	FOBS=	213.2	SIGMA=	1.3	PHAS=	-102.9	FOM=	0.95	TEST=	0
INDE	16	45	19	FOBS=	163.4	SIGMA=	1.4	PHAS=	-169.6	FOM=	0.88	TEST=	0
INDE	16	45	21	FOBS=	83.6	SIGMA=	2.6	PHAS=	129.8	FOM=	0.75	TEST=	0
INDE	16	45	23	FOBS=	222.8	SIGMA=	1.1	PHAS=	-11.9	FOM=	0.97	TEST=	0
INDE	16	45	25	FOBS=	86.2	SIGMA=	2.5	PHAS=	-127.2	FOM=	0.40	TEST=	1
INDE	16	45	27	FOBS=	141.4	SIGMA=	1.6	PHAS=	-78.9	FOM=	0.71	TEST=	0
INDE	16	45	29	FOBS=	149.3	SIGMA=	1.6	PHAS=	-57.6	FOM=	0.90	TEST=	1
INDE	16	45	31	FOBS=	132.4	SIGMA=	1.6	PHAS=	144.5	FOM=	0.91	TEST=	0
INDE	16	45	33	FOBS=	132.4	SIGMA=	1.5	PHAS=	54.9	FOM=	0.31	TEST=	0
INDE	16	45	35	FOBS=	102.4	SIGMA=	1.9	PHAS=	171.7	FOM=	0.76	TEST=	1
INDE	16	45	37	FOBS=	27.7	SIGMA=	7.3	PHAS=	40.1	FOM=	0.02	TEST=	1
INDE	16	45	39	FOBS=	106.4	SIGMA=	1.7	PHAS=	-85.4	FOM=	0.91	TEST=	0
INDE	16	45	41	FOBS=	47.1	SIGMA=	4.0	PHAS=	-163.6	FOM=	0.05	TEST=	0
INDE	16	45	43	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	45	45	FOBS=	76.7	SIGMA=	3.0	PHAS=	42.1	FOM=	0.67	TEST=	0
INDE	16	45	47	FOBS=	69.9	SIGMA=	3.3	PHAS=	156.7	FOM=	0.87	TEST=	0
INDE	16	45	49	FOBS=	38.9	SIGMA=	5.7	PHAS=	-136.9	FOM=	0.46	TEST=	0
INDE	16	45	51	FOBS=	5.4	SIGMA=	40.4	PHAS=	-58.3	FOM=	0.06	TEST=	0
INDE	16	45	53	FOBS=	24.9	SIGMA=	8.9	PHAS=	57.9	FOM=	0.20	TEST=	0
INDE	16	45	55	FOBS=	64.4	SIGMA=	3.5	PHAS=	-19.7	FOM=	0.14	TEST=	1
INDE	16	45	57	FOBS=	68.1	SIGMA=	3.3	PHAS=	80.7	FOM=	0.84	TEST=	0
INDE	16	45	59	FOBS=	23.4	SIGMA=	11.8	PHAS=	-72.4	FOM=	0.04	TEST=	1
INDE	16	45	61	FOBS=	33.1	SIGMA=	8.5	PHAS=	176.1	FOM=	0.60	TEST=	0
INDE	16	46	16	FOBS=	237.3	SIGMA=	1.1	PHAS=	-22.7	FOM=	0.84	TEST=	1
INDE	16	46	18	FOBS=	67.6	SIGMA=	3.2	PHAS=	-143.6	FOM=	0.12	TEST=	0
INDE	16	46	20	FOBS=	72.6	SIGMA=	3.2	PHAS=	165.7	FOM=	0.69	TEST=	0
INDE	16	46	22	FOBS=	90.5	SIGMA=	2.4	PHAS=	-6.9	FOM=	0.90	TEST=	0
INDE	16	46	24	FOBS=	140.4	SIGMA=	1.6	PHAS=	121.2	FOM=	0.83	TEST=	0
INDE	16	46	26	FOBS=	124.8	SIGMA=	1.8	PHAS=	119.1	FOM=	0.76	TEST=	0
INDE	16	46	28	FOBS=	144.3	SIGMA=	1.6	PHAS=	-39.5	FOM=	0.89	TEST=	0
INDE	16	46	30	FOBS=	185.3	SIGMA=	1.3	PHAS=	92.0	FOM=	0.94	TEST=	0
INDE	16	46	32	FOBS=	72.8	SIGMA=	2.7	PHAS=	-75.3	FOM=	0.38	TEST=	0
INDE	16	46	34	FOBS=	71.4	SIGMA=	2.7	PHAS=	157.3	FOM=	0.33	TEST=	1
INDE	16	46	36	FOBS=	97.0	SIGMA=	2.0	PHAS=	169.6	FOM=	0.80	TEST=	0
INDE	16	46	38	FOBS=	64.7	SIGMA=	2.7	PHAS=	-111.5	FOM=	0.40	TEST=	0
INDE	16	46	40	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	46	42	FOBS=	53.4	SIGMA=	5.0	PHAS=	30.0	FOM=	0.66	TEST=	0
INDE	16	46	44	FOBS=	133.0	SIGMA=	1.8	PHAS=	-30.4	FOM=	0.90	TEST=	0
INDE	16	46	46	FOBS=	95.0	SIGMA=	2.4	PHAS=	38.0	FOM=	0.93	TEST=	0
INDE	16	46	48	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	46	50	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	46	52	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	46	54	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	46	56	FOBS=	43.8	SIGMA=	5.1	PHAS=	-34.3	FOM=	0.87	TEST=	0
INDE	16	46	58	FOBS=	20.7	SIGMA=	14.9	PHAS=	-102.6	FOM=	0.22	TEST=	0
INDE	16	46	60	FOBS=	18.6	SIGMA=	18.3	PHAS=	68.9	FOM=	0.58	TEST=	0
INDE	16	47	17	FOBS=	186.4	SIGMA=	1.2	PHAS=	-77.1	FOM=	0.40	TEST=	1

INDE	16	47	19	FOBS=	122.8	SIGMA=	1.8	PHAS=	172.8	FOM=	0.80	TEST=	0
INDE	16	47	21	FOBS=	102.9	SIGMA=	2.1	PHAS=	167.2	FOM=	0.94	TEST=	0
INDE	16	47	23	FOBS=	112.3	SIGMA=	2.0	PHAS=	6.0	FOM=	0.94	TEST=	0
INDE	16	47	25	FOBS=	187.1	SIGMA=	1.3	PHAS=	17.9	FOM=	0.98	TEST=	0
INDE	16	47	27	FOBS=	63.2	SIGMA=	3.4	PHAS=	111.9	FOM=	0.84	TEST=	0
INDE	16	47	29	FOBS=	111.8	SIGMA=	2.0	PHAS=	-167.0	FOM=	0.80	TEST=	0
INDE	16	47	31	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	16	47	33	FOBS=	65.1	SIGMA=	3.0	PHAS=	-38.3	FOM=	0.61	TEST=	0
INDE	16	47	35	FOBS=	216.8	SIGMA=	1.0	PHAS=	71.3	FOM=	0.97	TEST=	0
INDE	16	47	37	FOBS=	87.5	SIGMA=	2.2	PHAS=	120.9	FOM=	0.90	TEST=	0
INDE	16	47	39	FOBS=	153.6	SIGMA=	1.2	PHAS=	-124.8	FOM=	0.96	TEST=	0
INDE	16	47	41	FOBS=	72.2	SIGMA=	2.4	PHAS=	68.4	FOM=	0.35	TEST=	0
INDE	16	47	43	FOBS=	116.2	SIGMA=	1.9	PHAS=	-85.8	FOM=	0.93	TEST=	0
INDE	16	47	45	FOBS=	112.9	SIGMA=	2.1	PHAS=	-85.2	FOM=	0.92	TEST=	0
INDE	16	47	47	FOBS=	82.1	SIGMA=	2.8	PHAS=	-130.2	FOM=	0.93	TEST=	0
INDE	16	47	49	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	47	51	FOBS=	44.3	SIGMA=	5.0	PHAS=	-57.9	FOM=	0.58	TEST=	0
INDE	16	47	53	FOBS=	24.5	SIGMA=	9.1	PHAS=	90.4	FOM=	0.17	TEST=	0
INDE	16	47	55	FOBS=	26.1	SIGMA=	15.4	PHAS=	-87.8	FOM=	0.19	TEST=	0
INDE	16	47	57	FOBS=	43.6	SIGMA=	6.3	PHAS=	162.8	FOM=	0.62	TEST=	0
INDE	16	47	59	FOBS=	64.2	SIGMA=	4.5	PHAS=	-1.3	FOM=	0.86	TEST=	0
INDE	16	48	16	FOBS=	88.3	SIGMA=	3.1	PHAS=	60.1	FOM=	0.50	TEST=	0
INDE	16	48	18	FOBS=	138.0	SIGMA=	1.6	PHAS=	137.3	FOM=	0.91	TEST=	0
INDE	16	48	20	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	48	22	FOBS=	98.0	SIGMA=	2.2	PHAS=	1.8	FOM=	0.90	TEST=	0
INDE	16	48	24	FOBS=	73.7	SIGMA=	2.9	PHAS=	-68.5	FOM=	0.96	TEST=	0
INDE	16	48	26	FOBS=	124.3	SIGMA=	1.8	PHAS=	-10.8	FOM=	0.96	TEST=	0
INDE	16	48	28	FOBS=	113.8	SIGMA=	1.9	PHAS=	28.3	FOM=	0.88	TEST=	0
INDE	16	48	30	FOBS=	152.8	SIGMA=	1.5	PHAS=	91.6	FOM=	0.97	TEST=	0
INDE	16	48	32	FOBS=	106.9	SIGMA=	2.1	PHAS=	-91.9	FOM=	0.47	TEST=	1
INDE	16	48	34	FOBS=	102.6	SIGMA=	1.9	PHAS=	-61.0	FOM=	0.94	TEST=	0
INDE	16	48	36	FOBS=	134.8	SIGMA=	1.5	PHAS=	19.7	FOM=	0.91	TEST=	0
INDE	16	48	38	FOBS=	33.5	SIGMA=	5.6	PHAS=	134.9	FOM=	0.72	TEST=	0
INDE	16	48	40	FOBS=	36.1	SIGMA=	4.8	PHAS=	162.6	FOM=	0.50	TEST=	0
INDE	16	48	42	FOBS=	29.2	SIGMA=	5.8	PHAS=	130.1	FOM=	0.06	TEST=	1
INDE	16	48	44	FOBS=	80.2	SIGMA=	2.7	PHAS=	-17.1	FOM=	0.67	TEST=	0
INDE	16	48	46	FOBS=	95.2	SIGMA=	2.5	PHAS=	153.3	FOM=	0.95	TEST=	0
INDE	16	48	48	FOBS=	86.2	SIGMA=	2.7	PHAS=	50.1	FOM=	0.89	TEST=	0
INDE	16	48	50	FOBS=	21.5	SIGMA=	16.8	PHAS=	179.0	FOM=	0.11	TEST=	0
INDE	16	48	52	FOBS=	31.9	SIGMA=	7.6	PHAS=	124.9	FOM=	0.11	TEST=	0
INDE	16	48	54	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	48	56	FOBS=	29.6	SIGMA=	8.4	PHAS=	-160.5	FOM=	0.18	TEST=	0
INDE	16	48	58	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	49	17	FOBS=	307.2	SIGMA=	0.8	PHAS=	73.9	FOM=	0.97	TEST=	0
INDE	16	49	19	FOBS=	35.7	SIGMA=	7.4	PHAS=	88.2	FOM=	0.30	TEST=	0
INDE	16	49	21	FOBS=	108.4	SIGMA=	2.1	PHAS=	-123.8	FOM=	0.86	TEST=	0
INDE	16	49	23	FOBS=	19.1	SIGMA=	11.9	PHAS=	63.5	FOM=	0.07	TEST=	0
INDE	16	49	25	FOBS=	143.5	SIGMA=	1.6	PHAS=	-40.3	FOM=	0.92	TEST=	0
INDE	16	49	27	FOBS=	74.4	SIGMA=	2.9	PHAS=	-33.0	FOM=	0.40	TEST=	0
INDE	16	49	29	FOBS=	120.7	SIGMA=	1.8	PHAS=	0.3	FOM=	0.84	TEST=	0
INDE	16	49	31	FOBS=	94.8	SIGMA=	2.3	PHAS=	-18.3	FOM=	0.94	TEST=	0
INDE	16	49	33	FOBS=	58.2	SIGMA=	3.4	PHAS=	133.9	FOM=	0.91	TEST=	0
INDE	16	49	35	FOBS=	24.3	SIGMA=	9.1	PHAS=	-56.1	FOM=	0.50	TEST=	0
INDE	16	49	37	FOBS=	82.7	SIGMA=	2.3	PHAS=	69.6	FOM=	0.92	TEST=	0
INDE	16	49	39	FOBS=	43.4	SIGMA=	4.1	PHAS=	-35.1	FOM=	0.28	TEST=	0
INDE	16	49	41	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	49	43	FOBS=	98.3	SIGMA=	1.8	PHAS=	-105.8	FOM=	0.92	TEST=	0
INDE	16	49	45	FOBS=	25.6	SIGMA=	8.2	PHAS=	-133.3	FOM=	0.17	TEST=	0
INDE	16	49	47	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	16	49	49	FOBS=	35.0	SIGMA=	6.5	PHAS=	54.5	FOM=	0.50	TEST=	0
INDE	16	49	51	FOBS=	21.8	SIGMA=	12.5	PHAS=	7.7	FOM=	0.06	TEST=	0
INDE	16	49	53	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	49	55	FOBS=	42.9	SIGMA=	5.3	PHAS=	-22.0	FOM=	0.64	TEST=	0
INDE	16	49	57	FOBS=	67.9	SIGMA=	4.2	PHAS=	-91.8	FOM=	0.80	TEST=	0
INDE	16	50	16	FOBS=	308.2	SIGMA=	1.1	PHAS=	-30.3	FOM=	0.98	TEST=	0
INDE	16	50	18	FOBS=	175.6	SIGMA=	1.3	PHAS=	45.7	FOM=	0.92	TEST=	0
INDE	16	50	20	FOBS=	108.4	SIGMA=	1.9	PHAS=	-110.1	FOM=	0.83	TEST=	0
INDE	16	50	22	FOBS=	13.8	SIGMA=	18.7	PHAS=	-137.6	FOM=	0.12	TEST=	0
INDE	16	50	24	FOBS=	60.4	SIGMA=	3.5	PHAS=	-80.4	FOM=	0.86	TEST=	0
INDE	16	50	26	FOBS=	59.7	SIGMA=	3.6	PHAS=	74.4	FOM=	0.77	TEST=	1

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INDE	16	50	28	FOBS=	91.1	SIGMA=	2.4	PHAS=	123.1	FOM=	0.70	TEST=	0
INDE	16	50	30	FOBS=	89.6	SIGMA=	2.4	PHAS=	90.9	FOM=	0.66	TEST=	0
INDE	16	50	32	FOBS=	130.5	SIGMA=	1.7	PHAS=	-41.3	FOM=	0.91	TEST=	1
INDE	16	50	34	FOBS=	55.5	SIGMA=	3.6	PHAS=	0.7	FOM=	0.48	TEST=	0
INDE	16	50	36	FOBS=	64.7	SIGMA=	2.9	PHAS=	10.6	FOM=	0.72	TEST=	0
INDE	16	50	38	FOBS=	95.9	SIGMA=	2.0	PHAS=	14.0	FOM=	0.90	TEST=	0
INDE	16	50	40	FOBS=	48.7	SIGMA=	3.5	PHAS=	36.8	FOM=	0.26	TEST=	1
INDE	16	50	42	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	50	44	FOBS=	56.4	SIGMA=	3.0	PHAS=	63.9	FOM=	0.62	TEST=	0
INDE	16	50	46	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	16	50	48	FOBS=	76.3	SIGMA=	3.0	PHAS=	62.5	FOM=	0.90	TEST=	0
INDE	16	50	50	FOBS=	16.2	SIGMA=	20.0	PHAS=	-64.7	FOM=	0.19	TEST=	0
INDE	16	50	52	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	50	54	FOBS=	8.5	SIGMA=	26.9	PHAS=	72.1	FOM=	0.04	TEST=	1
INDE	16	50	56	FOBS=	120.9	SIGMA=	2.4	PHAS=	-176.8	FOM=	0.95	TEST=	0
INDE	16	51	17	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	51	19	FOBS=	58.6	SIGMA=	3.5	PHAS=	49.4	FOM=	0.60	TEST=	0
INDE	16	51	21	FOBS=	46.1	SIGMA=	4.8	PHAS=	173.2	FOM=	0.34	TEST=	0
INDE	16	51	23	FOBS=	27.7	SIGMA=	7.5	PHAS=	-31.9	FOM=	0.72	TEST=	0
INDE	16	51	25	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	51	27	FOBS=	41.9	SIGMA=	5.0	PHAS=	-48.1	FOM=	0.65	TEST=	0
INDE	16	51	29	FOBS=	63.2	SIGMA=	3.3	PHAS=	-141.2	FOM=	0.59	TEST=	0
INDE	16	51	31	FOBS=	39.9	SIGMA=	5.2	PHAS=	-13.9	FOM=	0.41	TEST=	0
INDE	16	51	33	FOBS=	42.8	SIGMA=	4.8	PHAS=	3.6	FOM=	0.54	TEST=	0
INDE	16	51	35	FOBS=	108.7	SIGMA=	1.8	PHAS=	-117.0	FOM=	0.93	TEST=	0
INDE	16	51	37	FOBS=	30.5	SIGMA=	6.6	PHAS=	-52.1	FOM=	0.42	TEST=	0
INDE	16	51	39	FOBS=	109.1	SIGMA=	1.8	PHAS=	-47.5	FOM=	0.94	TEST=	0
INDE	16	51	41	FOBS=	96.7	SIGMA=	1.8	PHAS=	-129.4	FOM=	0.87	TEST=	0
INDE	16	51	43	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	51	45	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	16	51	47	FOBS=	19.2	SIGMA=	14.9	PHAS=	88.9	FOM=	0.04	TEST=	0
INDE	16	51	49	FOBS=	22.0	SIGMA=	10.4	PHAS=	-144.7	FOM=	0.26	TEST=	0
INDE	16	51	51	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	51	53	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	51	55	FOBS=	46.2	SIGMA=	6.2	PHAS=	44.1	FOM=	0.80	TEST=	0
INDE	16	52	16	FOBS=	34.8	SIGMA=	8.6	PHAS=	-154.5	FOM=	0.07	TEST=	0
INDE	16	52	18	FOBS=	129.8	SIGMA=	2.1	PHAS=	-105.6	FOM=	0.91	TEST=	0
INDE	16	52	20	FOBS=	52.4	SIGMA=	4.3	PHAS=	-72.2	FOM=	0.52	TEST=	0
INDE	16	52	22	FOBS=	26.9	SIGMA=	7.5	PHAS=	-63.8	FOM=	0.25	TEST=	0
INDE	16	52	24	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	52	26	FOBS=	103.2	SIGMA=	2.1	PHAS=	151.8	FOM=	0.92	TEST=	0
INDE	16	52	28	FOBS=	58.5	SIGMA=	3.6	PHAS=	147.4	FOM=	0.79	TEST=	0
INDE	16	52	30	FOBS=	52.5	SIGMA=	4.0	PHAS=	154.7	FOM=	0.79	TEST=	0
INDE	16	52	32	FOBS=	61.4	SIGMA=	3.4	PHAS=	-33.5	FOM=	0.66	TEST=	0
INDE	16	52	34	FOBS=	15.4	SIGMA=	13.4	PHAS=	71.4	FOM=	0.21	TEST=	0
INDE	16	52	36	FOBS=	108.4	SIGMA=	1.8	PHAS=	134.1	FOM=	0.94	TEST=	0
INDE	16	52	38	FOBS=	43.1	SIGMA=	4.3	PHAS=	-60.5	FOM=	0.47	TEST=	0
INDE	16	52	40	FOBS=	89.8	SIGMA=	2.2	PHAS=	153.4	FOM=	0.89	TEST=	0
INDE	16	52	42	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	52	44	FOBS=	44.5	SIGMA=	3.9	PHAS=	35.5	FOM=	0.59	TEST=	0
INDE	16	52	46	FOBS=	50.2	SIGMA=	3.5	PHAS=	50.6	FOM=	0.62	TEST=	0
INDE	16	52	48	FOBS=	34.2	SIGMA=	6.2	PHAS=	23.6	FOM=	0.71	TEST=	0
INDE	16	52	50	FOBS=	49.9	SIGMA=	4.7	PHAS=	28.9	FOM=	0.80	TEST=	0
INDE	16	52	52	FOBS=	29.8	SIGMA=	10.1	PHAS=	-28.1	FOM=	0.39	TEST=	0
INDE	16	52	54	FOBS=	30.3	SIGMA=	11.5	PHAS=	-136.1	FOM=	0.44	TEST=	0
INDE	16	53	17	FOBS=	65.9	SIGMA=	4.0	PHAS=	-142.6	FOM=	0.81	TEST=	0
INDE	16	53	19	FOBS=	214.3	SIGMA=	1.1	PHAS=	-170.7	FOM=	0.96	TEST=	0
INDE	16	53	21	FOBS=	33.8	SIGMA=	6.5	PHAS=	58.8	FOM=	0.36	TEST=	0
INDE	16	53	23	FOBS=	94.4	SIGMA=	2.2	PHAS=	23.8	FOM=	0.73	TEST=	0
INDE	16	53	25	FOBS=	9.5	SIGMA=	24.1	PHAS=	71.4	FOM=	0.10	TEST=	0
INDE	16	53	27	FOBS=	59.4	SIGMA=	3.5	PHAS=	142.2	FOM=	0.75	TEST=	0
INDE	16	53	29	FOBS=	115.7	SIGMA=	1.9	PHAS=	134.4	FOM=	0.53	TEST=	1
INDE	16	53	31	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	53	33	FOBS=	10.6	SIGMA=	23.7	PHAS=	-3.5	FOM=	0.20	TEST=	0
INDE	16	53	35	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	53	37	FOBS=	60.3	SIGMA=	3.1	PHAS=	-70.0	FOM=	0.75	TEST=	0
INDE	16	53	39	FOBS=	56.7	SIGMA=	3.3	PHAS=	96.3	FOM=	0.82	TEST=	0
INDE	16	53	41	FOBS=	38.0	SIGMA=	4.9	PHAS=	-130.5	FOM=	0.36	TEST=	0
INDE	16	53	43	FOBS=	56.8	SIGMA=	3.1	PHAS=	-124.0	FOM=	0.32	TEST=	0
INDE	16	53	45	FOBS=	38.3	SIGMA=	4.9	PHAS=	-16.9	FOM=	0.44	TEST=	0

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INDE	16	53	47	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	53	49	FOBS=	91.0	SIGMA=	2.7	PHAS=	-115.0	FOM=	0.92	TEST=	0
INDE	16	53	51	FOBS=	34.2	SIGMA=	8.7	PHAS=	-94.4	FOM=	0.62	TEST=	0
INDE	16	53	53	FOBS=	57.5	SIGMA=	8.1	PHAS=	-133.5	FOM=	0.80	TEST=	0
INDE	16	54	16	FOBS=	157.4	SIGMA=	1.8	PHAS=	123.8	FOM=	0.95	TEST=	0
INDE	16	54	18	FOBS=	53.8	SIGMA=	4.9	PHAS=	172.5	FOM=	0.54	TEST=	0
INDE	16	54	20	FOBS=	168.0	SIGMA=	1.3	PHAS=	132.1	FOM=	0.43	TEST=	1
INDE	16	54	22	FOBS=	21.6	SIGMA=	9.4	PHAS=	-117.3	FOM=	0.14	TEST=	0
INDE	16	54	24	FOBS=	32.5	SIGMA=	6.3	PHAS=	-168.4	FOM=	0.56	TEST=	1
INDE	16	54	26	FOBS=	153.4	SIGMA=	1.4	PHAS=	113.3	FOM=	0.95	TEST=	0
INDE	16	54	28	FOBS=	132.3	SIGMA=	1.6	PHAS=	46.0	FOM=	0.94	TEST=	0
INDE	16	54	30	FOBS=	68.2	SIGMA=	3.1	PHAS=	123.2	FOM=	0.75	TEST=	0
INDE	16	54	32	FOBS=	52.2	SIGMA=	4.0	PHAS=	-130.1	FOM=	0.78	TEST=	0
INDE	16	54	34	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	54	36	FOBS=	131.7	SIGMA=	1.5	PHAS=	131.6	FOM=	0.96	TEST=	0
INDE	16	54	38	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	54	40	FOBS=	78.4	SIGMA=	2.4	PHAS=	48.8	FOM=	0.90	TEST=	0
INDE	16	54	42	FOBS=	77.2	SIGMA=	2.3	PHAS=	160.7	FOM=	0.90	TEST=	0
INDE	16	54	44	FOBS=	47.6	SIGMA=	3.9	PHAS=	-81.5	FOM=	0.58	TEST=	0
INDE	16	54	46	FOBS=	45.7	SIGMA=	4.1	PHAS=	72.2	FOM=	0.66	TEST=	0
INDE	16	54	48	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	54	50	FOBS=	52.3	SIGMA=	5.9	PHAS=	118.3	FOM=	0.61	TEST=	0
INDE	16	54	52	FOBS=	57.3	SIGMA=	8.2	PHAS=	-179.4	FOM=	0.91	TEST=	0
INDE	16	55	17	FOBS=	64.3	SIGMA=	4.0	PHAS=	-84.9	FOM=	0.79	TEST=	0
INDE	16	55	19	FOBS=	104.9	SIGMA=	2.5	PHAS=	-171.1	FOM=	0.90	TEST=	0
INDE	16	55	21	FOBS=	224.4	SIGMA=	1.0	PHAS=	73.0	FOM=	0.97	TEST=	0
INDE	16	55	23	FOBS=	132.0	SIGMA=	1.6	PHAS=	53.0	FOM=	0.90	TEST=	0
INDE	16	55	25	FOBS=	37.7	SIGMA=	5.4	PHAS=	-8.4	FOM=	0.70	TEST=	0
INDE	16	55	27	FOBS=	57.0	SIGMA=	3.6	PHAS=	37.9	FOM=	0.84	TEST=	0
INDE	16	55	29	FOBS=	25.9	SIGMA=	7.9	PHAS=	30.6	FOM=	0.64	TEST=	0
INDE	16	55	31	FOBS=	44.4	SIGMA=	4.7	PHAS=	81.3	FOM=	0.76	TEST=	0
INDE	16	55	33	FOBS=	54.7	SIGMA=	3.8	PHAS=	150.2	FOM=	0.81	TEST=	0
INDE	16	55	35	FOBS=	152.8	SIGMA=	1.6	PHAS=	56.5	FOM=	0.97	TEST=	0
INDE	16	55	37	FOBS=	9.4	SIGMA=	19.9	PHAS=	-10.3	FOM=	0.19	TEST=	0
INDE	16	55	39	FOBS=	112.0	SIGMA=	1.9	PHAS=	-106.2	FOM=	0.93	TEST=	0
INDE	16	55	41	FOBS=	54.1	SIGMA=	4.0	PHAS=	40.5	FOM=	0.86	TEST=	0
INDE	16	55	43	FOBS=	64.0	SIGMA=	3.2	PHAS=	89.5	FOM=	0.85	TEST=	0
INDE	16	55	45	FOBS=	43.2	SIGMA=	4.9	PHAS=	-29.6	FOM=	0.59	TEST=	0
INDE	16	55	47	FOBS=	0.0	SIGMA=	22.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	16	55	49	FOBS=	39.5	SIGMA=	7.1	PHAS=	-107.2	FOM=	0.56	TEST=	0
INDE	16	55	51	FOBS=	23.8	SIGMA=	19.9	PHAS=	59.0	FOM=	0.79	TEST=	0
INDE	16	56	16	FOBS=	129.7	SIGMA=	1.7	PHAS=	179.2	FOM=	0.94	TEST=	0
INDE	16	56	18	FOBS=	17.2	SIGMA=	15.1	PHAS=	172.3	FOM=	0.11	TEST=	1
INDE	16	56	20	FOBS=	71.1	SIGMA=	3.7	PHAS=	60.2	FOM=	0.80	TEST=	0
INDE	16	56	22	FOBS=	189.6	SIGMA=	1.3	PHAS=	16.0	FOM=	0.96	TEST=	0
INDE	16	56	24	FOBS=	87.9	SIGMA=	2.3	PHAS=	-74.0	FOM=	0.18	TEST=	1
INDE	16	56	26	FOBS=	86.2	SIGMA=	2.4	PHAS=	-75.9	FOM=	0.26	TEST=	0
INDE	16	56	28	FOBS=	108.7	SIGMA=	2.0	PHAS=	0.2	FOM=	0.89	TEST=	0
INDE	16	56	30	FOBS=	69.8	SIGMA=	3.0	PHAS=	-9.2	FOM=	0.71	TEST=	0
INDE	16	56	32	FOBS=	52.3	SIGMA=	4.0	PHAS=	4.5	FOM=	0.66	TEST=	0
INDE	16	56	34	FOBS=	152.5	SIGMA=	1.6	PHAS=	9.3	FOM=	0.97	TEST=	0
INDE	16	56	36	FOBS=	18.9	SIGMA=	13.7	PHAS=	28.5	FOM=	0.25	TEST=	0
INDE	16	56	38	FOBS=	112.7	SIGMA=	2.0	PHAS=	144.5	FOM=	0.73	TEST=	1
INDE	16	56	40	FOBS=	24.0	SIGMA=	10.2	PHAS=	13.6	FOM=	0.00	TEST=	1
INDE	16	56	42	FOBS=	49.3	SIGMA=	5.1	PHAS=	-127.9	FOM=	0.82	TEST=	0
INDE	16	56	44	FOBS=	112.4	SIGMA=	1.9	PHAS=	-82.2	FOM=	0.96	TEST=	0
INDE	16	56	46	FOBS=	83.7	SIGMA=	2.8	PHAS=	115.3	FOM=	0.13	TEST=	1
INDE	16	56	48	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	56	50	FOBS=	0.0	SIGMA=	24.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	57	17	FOBS=	0.0	SIGMA=	24.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	57	19	FOBS=	56.7	SIGMA=	4.5	PHAS=	-51.5	FOM=	0.74	TEST=	0
INDE	16	57	21	FOBS=	66.8	SIGMA=	3.0	PHAS=	-27.7	FOM=	0.90	TEST=	0
INDE	16	57	23	FOBS=	35.2	SIGMA=	5.7	PHAS=	14.3	FOM=	0.68	TEST=	0
INDE	16	57	25	FOBS=	23.8	SIGMA=	14.0	PHAS=	77.2	FOM=	0.13	TEST=	0
INDE	16	57	27	FOBS=	85.6	SIGMA=	2.4	PHAS=	63.1	FOM=	0.84	TEST=	0
INDE	16	57	29	FOBS=	55.6	SIGMA=	3.7	PHAS=	-158.5	FOM=	0.60	TEST=	0
INDE	16	57	31	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	57	33	FOBS=	97.2	SIGMA=	2.7	PHAS=	-93.1	FOM=	0.95	TEST=	0
INDE	16	57	35	FOBS=	45.9	SIGMA=	5.6	PHAS=	-23.1	FOM=	0.69	TEST=	0
INDE	16	57	37	FOBS=	90.8	SIGMA=	2.5	PHAS=	59.5	FOM=	0.95	TEST=	0

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INDE	16	57	39	FOBS=	39.1	SIGMA=	6.2	PHAS=	-17.8	FOM=	0.20	TEST=	0
INDE	16	57	41	FOBS=	86.8	SIGMA=	2.7	PHAS=	105.2	FOM=	0.86	TEST=	0
INDE	16	57	43	FOBS=	163.3	SIGMA=	1.4	PHAS=	156.4	FOM=	0.98	TEST=	0
INDE	16	57	45	FOBS=	33.2	SIGMA=	7.0	PHAS=	-146.1	FOM=	0.81	TEST=	0
INDE	16	57	47	FOBS=	40.2	SIGMA=	5.7	PHAS=	-124.4	FOM=	0.30	TEST=	1
INDE	16	57	49	FOBS=	31.6	SIGMA=	9.7	PHAS=	161.9	FOM=	0.50	TEST=	0
INDE	16	58	16	FOBS=	110.4	SIGMA=	1.9	PHAS=	165.0	FOM=	0.90	TEST=	0
INDE	16	58	18	FOBS=	88.4	SIGMA=	2.9	PHAS=	150.6	FOM=	0.85	TEST=	0
INDE	16	58	20	FOBS=	173.5	SIGMA=	1.6	PHAS=	-113.7	FOM=	0.97	TEST=	0
INDE	16	58	22	FOBS=	35.2	SIGMA=	5.4	PHAS=	-84.5	FOM=	0.64	TEST=	0
INDE	16	58	24	FOBS=	21.6	SIGMA=	10.9	PHAS=	73.8	FOM=	0.16	TEST=	0
INDE	16	58	26	FOBS=	46.0	SIGMA=	4.8	PHAS=	-18.6	FOM=	0.63	TEST=	0
INDE	16	58	28	FOBS=	32.9	SIGMA=	8.6	PHAS=	-37.5	FOM=	0.20	TEST=	0
INDE	16	58	30	FOBS=	55.3	SIGMA=	5.2	PHAS=	51.0	FOM=	0.81	TEST=	0
INDE	16	58	32	FOBS=	54.7	SIGMA=	4.6	PHAS=	84.9	FOM=	0.75	TEST=	0
INDE	16	58	34	FOBS=	63.5	SIGMA=	4.0	PHAS=	-35.7	FOM=	0.53	TEST=	1
INDE	16	58	36	FOBS=	73.9	SIGMA=	3.6	PHAS=	-65.8	FOM=	0.88	TEST=	0
INDE	16	58	38	FOBS=	42.0	SIGMA=	5.2	PHAS=	61.4	FOM=	0.35	TEST=	0
INDE	16	58	40	FOBS=	76.7	SIGMA=	3.0	PHAS=	102.8	FOM=	0.39	TEST=	1
INDE	16	58	42	FOBS=	118.5	SIGMA=	2.0	PHAS=	66.5	FOM=	0.97	TEST=	0
INDE	16	58	44	FOBS=	48.8	SIGMA=	4.2	PHAS=	-67.4	FOM=	0.79	TEST=	0
INDE	16	58	46	FOBS=	114.0	SIGMA=	2.3	PHAS=	165.0	FOM=	0.96	TEST=	0
INDE	16	58	48	FOBS=	0.0	SIGMA=	24.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	16	59	17	FOBS=	67.2	SIGMA=	3.8	PHAS=	-1.9	FOM=	0.40	TEST=	1
INDE	16	59	19	FOBS=	24.4	SIGMA=	10.1	PHAS=	-78.4	FOM=	0.32	TEST=	0
INDE	16	59	21	FOBS=	55.5	SIGMA=	4.4	PHAS=	-127.9	FOM=	0.70	TEST=	0
INDE	16	59	23	FOBS=	25.9	SIGMA=	8.9	PHAS=	-19.8	FOM=	0.12	TEST=	0
INDE	16	59	25	FOBS=	57.7	SIGMA=	4.2	PHAS=	20.2	FOM=	0.20	TEST=	0
INDE	16	59	27	FOBS=	89.5	SIGMA=	2.8	PHAS=	-156.6	FOM=	0.32	TEST=	1
INDE	16	59	29	FOBS=	105.6	SIGMA=	2.8	PHAS=	-148.7	FOM=	0.46	TEST=	1
INDE	16	59	31	FOBS=	108.1	SIGMA=	2.4	PHAS=	-82.0	FOM=	0.95	TEST=	0
INDE	16	59	33	FOBS=	20.8	SIGMA=	12.2	PHAS=	-29.5	FOM=	0.21	TEST=	0
INDE	16	59	35	FOBS=	69.4	SIGMA=	3.8	PHAS=	174.6	FOM=	0.91	TEST=	0
INDE	16	59	37	FOBS=	40.4	SIGMA=	6.5	PHAS=	-39.8	FOM=	0.27	TEST=	0
INDE	16	59	39	FOBS=	43.8	SIGMA=	5.1	PHAS=	43.3	FOM=	0.27	TEST=	1
INDE	16	59	41	FOBS=	115.2	SIGMA=	2.1	PHAS=	-86.2	FOM=	0.96	TEST=	0
INDE	16	59	43	FOBS=	113.2	SIGMA=	2.2	PHAS=	-122.3	FOM=	0.92	TEST=	0
INDE	16	59	45	FOBS=	68.0	SIGMA=	4.0	PHAS=	171.6	FOM=	0.92	TEST=	0
INDE	16	59	47	FOBS=	17.0	SIGMA=	18.5	PHAS=	-5.4	FOM=	0.21	TEST=	0
INDE	16	60	16	FOBS=	102.5	SIGMA=	2.2	PHAS=	-153.9	FOM=	0.11	TEST=	1
INDE	16	60	18	FOBS=	58.9	SIGMA=	6.0	PHAS=	125.8	FOM=	0.87	TEST=	0
INDE	16	60	20	FOBS=	64.5	SIGMA=	4.4	PHAS=	-69.3	FOM=	0.82	TEST=	0
INDE	16	60	22	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	60	24	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	60	26	FOBS=	97.3	SIGMA=	2.5	PHAS=	19.3	FOM=	0.79	TEST=	0
INDE	16	60	28	FOBS=	6.4	SIGMA=	38.2	PHAS=	74.7	FOM=	0.11	TEST=	0
INDE	16	60	30	FOBS=	104.2	SIGMA=	2.5	PHAS=	132.5	FOM=	0.90	TEST=	0
INDE	16	60	32	FOBS=	69.4	SIGMA=	3.7	PHAS=	74.7	FOM=	0.51	TEST=	0
INDE	16	60	34	FOBS=	76.7	SIGMA=	3.4	PHAS=	92.2	FOM=	0.38	TEST=	0
INDE	16	60	36	FOBS=	60.2	SIGMA=	4.4	PHAS=	-168.1	FOM=	0.25	TEST=	1
INDE	16	60	38	FOBS=	26.3	SIGMA=	9.1	PHAS=	-0.5	FOM=	0.39	TEST=	0
INDE	16	60	40	FOBS=	42.9	SIGMA=	5.8	PHAS=	128.7	FOM=	0.81	TEST=	0
INDE	16	60	42	FOBS=	134.9	SIGMA=	1.8	PHAS=	142.8	FOM=	0.98	TEST=	0
INDE	16	60	44	FOBS=	72.9	SIGMA=	3.6	PHAS=	127.0	FOM=	0.92	TEST=	0
INDE	16	60	46	FOBS=	74.4	SIGMA=	3.8	PHAS=	133.3	FOM=	0.81	TEST=	0
INDE	16	61	17	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	61	19	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	61	21	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	61	23	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	61	25	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	61	27	FOBS=	13.8	SIGMA=	17.2	PHAS=	9.9	FOM=	0.10	TEST=	0
INDE	16	61	29	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	61	31	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	61	33	FOBS=	77.1	SIGMA=	3.4	PHAS=	-65.0	FOM=	0.75	TEST=	0
INDE	16	61	35	FOBS=	51.1	SIGMA=	5.2	PHAS=	-3.2	FOM=	0.51	TEST=	0
INDE	16	61	37	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	61	39	FOBS=	51.9	SIGMA=	4.4	PHAS=	82.5	FOM=	0.58	TEST=	0
INDE	16	61	41	FOBS=	42.1	SIGMA=	6.0	PHAS=	6.3	FOM=	0.73	TEST=	0
INDE	16	61	43	FOBS=	55.8	SIGMA=	5.2	PHAS=	37.0	FOM=	0.80	TEST=	0
INDE	16	61	45	FOBS=	83.9	SIGMA=	3.4	PHAS=	58.8	FOM=	0.82	TEST=	0

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INDE	16	62	16	FOBS=	51.3	SIGMA=	4.7	PHAS=	149.1	FOM=	0.75	TEST=	0
INDE	16	62	18	FOBS=	74.5	SIGMA=	4.7	PHAS=	78.9	FOM=	0.87	TEST=	0
INDE	16	62	20	FOBS=	57.2	SIGMA=	6.0	PHAS=	112.4	FOM=	0.15	TEST=	0
INDE	16	62	22	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	62	24	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	16	62	26	FOBS=	58.6	SIGMA=	4.1	PHAS=	106.9	FOM=	0.73	TEST=	0
INDE	16	62	28	FOBS=	19.6	SIGMA=	17.3	PHAS=	60.3	FOM=	0.57	TEST=	0
INDE	16	62	30	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	62	32	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	62	34	FOBS=	46.2	SIGMA=	6.5	PHAS=	-159.7	FOM=	0.30	TEST=	0
INDE	16	62	36	FOBS=	56.9	SIGMA=	5.4	PHAS=	-95.0	FOM=	0.89	TEST=	0
INDE	16	62	38	FOBS=	0.0	SIGMA=	26.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	62	40	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	62	42	FOBS=	0.0	SIGMA=	28.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	16	63	17	FOBS=	43.2	SIGMA=	5.7	PHAS=	-87.9	FOM=	0.47	TEST=	0
INDE	16	63	19	FOBS=	44.3	SIGMA=	7.7	PHAS=	12.3	FOM=	0.23	TEST=	1
INDE	16	63	21	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	16	63	23	FOBS=	0.0	SIGMA=	25.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	63	25	FOBS=	117.8	SIGMA=	2.4	PHAS=	10.8	FOM=	0.94	TEST=	0
INDE	16	63	27	FOBS=	52.8	SIGMA=	5.3	PHAS=	46.6	FOM=	0.88	TEST=	0
INDE	16	63	29	FOBS=	47.4	SIGMA=	6.0	PHAS=	64.6	FOM=	0.55	TEST=	0
INDE	16	63	31	FOBS=	48.6	SIGMA=	6.0	PHAS=	-12.3	FOM=	0.65	TEST=	0
INDE	16	63	33	FOBS=	32.8	SIGMA=	9.2	PHAS=	159.8	FOM=	0.34	TEST=	0
INDE	16	63	35	FOBS=	43.2	SIGMA=	9.1	PHAS=	34.6	FOM=	0.41	TEST=	0
INDE	16	63	37	FOBS=	34.7	SIGMA=	9.0	PHAS=	11.5	FOM=	0.26	TEST=	0
INDE	16	63	39	FOBS=	59.5	SIGMA=	5.3	PHAS=	92.5	FOM=	0.30	TEST=	0
INDE	16	63	41	FOBS=	49.0	SIGMA=	6.7	PHAS=	-156.1	FOM=	0.78	TEST=	0
INDE	16	64	16	FOBS=	57.7	SIGMA=	2.7	PHAS=	174.5	FOM=	0.66	TEST=	0
INDE	16	64	18	FOBS=	52.6	SIGMA=	4.6	PHAS=	49.9	FOM=	0.71	TEST=	0
INDE	16	64	20	FOBS=	47.5	SIGMA=	7.3	PHAS=	-82.6	FOM=	0.40	TEST=	0
INDE	16	64	22	FOBS=	48.0	SIGMA=	7.1	PHAS=	53.3	FOM=	0.72	TEST=	0
INDE	16	64	24	FOBS=	98.6	SIGMA=	3.6	PHAS=	-119.2	FOM=	0.92	TEST=	0
INDE	16	64	26	FOBS=	95.6	SIGMA=	3.0	PHAS=	-64.2	FOM=	0.87	TEST=	0
INDE	16	64	28	FOBS=	103.2	SIGMA=	2.8	PHAS=	-48.6	FOM=	0.96	TEST=	0
INDE	16	64	30	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	64	32	FOBS=	43.9	SIGMA=	6.8	PHAS=	-80.4	FOM=	0.78	TEST=	0
INDE	16	64	34	FOBS=	108.8	SIGMA=	2.9	PHAS=	-24.5	FOM=	0.96	TEST=	0
INDE	16	64	36	FOBS=	82.7	SIGMA=	3.8	PHAS=	-111.5	FOM=	0.87	TEST=	0
INDE	16	64	38	FOBS=	0.0	SIGMA=	25.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	64	40	FOBS=	15.3	SIGMA=	20.8	PHAS=	117.9	FOM=	0.25	TEST=	0
INDE	16	65	17	FOBS=	71.5	SIGMA=	2.4	PHAS=	-107.5	FOM=	0.84	TEST=	0
INDE	16	65	19	FOBS=	83.9	SIGMA=	4.2	PHAS=	-29.0	FOM=	0.20	TEST=	1
INDE	16	65	21	FOBS=	64.0	SIGMA=	5.4	PHAS=	-166.6	FOM=	0.83	TEST=	0
INDE	16	65	23	FOBS=	140.5	SIGMA=	2.6	PHAS=	109.5	FOM=	0.96	TEST=	0
INDE	16	65	25	FOBS=	75.2	SIGMA=	3.7	PHAS=	159.0	FOM=	0.90	TEST=	0
INDE	16	65	27	FOBS=	87.0	SIGMA=	3.3	PHAS=	-137.5	FOM=	0.91	TEST=	0
INDE	16	65	29	FOBS=	75.5	SIGMA=	3.9	PHAS=	-148.7	FOM=	0.81	TEST=	0
INDE	16	65	31	FOBS=	42.0	SIGMA=	7.0	PHAS=	-55.1	FOM=	0.16	TEST=	1
INDE	16	65	33	FOBS=	116.3	SIGMA=	2.7	PHAS=	-144.4	FOM=	0.93	TEST=	0
INDE	16	65	35	FOBS=	62.9	SIGMA=	5.0	PHAS=	-177.2	FOM=	0.92	TEST=	0
INDE	16	65	37	FOBS=	0.0	SIGMA=	25.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	65	39	FOBS=	0.0	SIGMA=	28.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	66	16	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	66	18	FOBS=	43.6	SIGMA=	4.6	PHAS=	-161.6	FOM=	0.03	TEST=	1
INDE	16	66	20	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	66	22	FOBS=	93.7	SIGMA=	3.8	PHAS=	47.9	FOM=	0.93	TEST=	0
INDE	16	66	24	FOBS=	73.3	SIGMA=	4.8	PHAS=	74.7	FOM=	0.77	TEST=	0
INDE	16	66	26	FOBS=	26.8	SIGMA=	12.4	PHAS=	112.0	FOM=	0.59	TEST=	0
INDE	16	66	28	FOBS=	9.3	SIGMA=	37.1	PHAS=	-126.6	FOM=	0.23	TEST=	0
INDE	16	66	30	FOBS=	86.1	SIGMA=	3.4	PHAS=	105.6	FOM=	0.76	TEST=	0
INDE	16	66	32	FOBS=	57.5	SIGMA=	5.2	PHAS=	69.4	FOM=	0.76	TEST=	0
INDE	16	66	34	FOBS=	51.5	SIGMA=	6.0	PHAS=	57.0	FOM=	0.85	TEST=	0
INDE	16	66	36	FOBS=	69.3	SIGMA=	4.6	PHAS=	-4.7	FOM=	0.72	TEST=	0
INDE	16	67	17	FOBS=	47.2	SIGMA=	5.8	PHAS=	105.5	FOM=	0.09	TEST=	0
INDE	16	67	19	FOBS=	22.1	SIGMA=	12.8	PHAS=	18.3	FOM=	0.23	TEST=	0
INDE	16	67	21	FOBS=	36.5	SIGMA=	9.4	PHAS=	-126.2	FOM=	0.25	TEST=	0
INDE	16	67	23	FOBS=	33.3	SIGMA=	10.3	PHAS=	-2.3	FOM=	0.27	TEST=	0
INDE	16	67	25	FOBS=	55.6	SIGMA=	6.2	PHAS=	70.1	FOM=	0.80	TEST=	0
INDE	16	67	27	FOBS=	31.4	SIGMA=	9.0	PHAS=	17.9	FOM=	0.13	TEST=	0
INDE	16	67	29	FOBS=	51.4	SIGMA=	5.6	PHAS=	105.3	FOM=	0.70	TEST=	0

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INDE	16	67	31	FOBS=	70.0	SIGMA=	4.3	PHAS=	-65.5	FOM=	0.74	TEST=	0
INDE	16	67	33	FOBS=	16.7	SIGMA=	22.5	PHAS=	35.1	FOM=	0.27	TEST=	0
INDE	16	67	35	FOBS=	47.3	SIGMA=	6.7	PHAS=	-118.8	FOM=	0.33	TEST=	0
INDE	16	68	16	FOBS=	0.0	SIGMA=	24.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	16	68	18	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	68	20	FOBS=	0.0	SIGMA=	31.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	68	22	FOBS=	0.0	SIGMA=	31.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	68	24	FOBS=	78.1	SIGMA=	6.4	PHAS=	12.2	FOM=	0.84	TEST=	0
INDE	16	68	26	FOBS=	25.7	SIGMA=	13.6	PHAS=	37.7	FOM=	0.51	TEST=	0
INDE	16	68	28	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	68	30	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	16	68	32	FOBS=	0.0	SIGMA=	26.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	68	34	FOBS=	91.6	SIGMA=	3.5	PHAS=	-21.0	FOM=	0.41	TEST=	0
INDE	16	69	17	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	69	19	FOBS=	15.4	SIGMA=	13.2	PHAS=	24.5	FOM=	0.33	TEST=	0
INDE	16	69	25	FOBS=	84.9	SIGMA=	6.1	PHAS=	-19.7	FOM=	0.90	TEST=	0
INDE	16	69	27	FOBS=	59.4	SIGMA=	5.9	PHAS=	-62.9	FOM=	0.61	TEST=	0
INDE	16	69	29	FOBS=	0.0	SIGMA=	26.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	69	31	FOBS=	0.0	SIGMA=	24.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	70	16	FOBS=	65.1	SIGMA=	4.5	PHAS=	101.3	FOM=	0.74	TEST=	0
INDE	16	70	18	FOBS=	27.7	SIGMA=	12.0	PHAS=	16.4	FOM=	0.25	TEST=	0
INDE	16	70	20	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	70	28	FOBS=	53.6	SIGMA=	9.4	PHAS=	147.8	FOM=	0.31	TEST=	0
INDE	16	71	17	FOBS=	55.3	SIGMA=	5.6	PHAS=	-51.4	FOM=	0.67	TEST=	0
INDE	16	71	19	FOBS=	49.2	SIGMA=	3.6	PHAS=	85.1	FOM=	0.82	TEST=	0
INDE	16	71	21	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	71	23	FOBS=	89.0	SIGMA=	4.2	PHAS=	37.1	FOM=	0.33	TEST=	1
INDE	16	72	16	FOBS=	40.4	SIGMA=	5.8	PHAS=	-19.1	FOM=	0.32	TEST=	0
INDE	16	72	18	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	72	20	FOBS=	50.1	SIGMA=	4.0	PHAS=	-5.6	FOM=	0.85	TEST=	0
INDE	16	72	22	FOBS=	0.0	SIGMA=	24.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	72	24	FOBS=	0.0	SIGMA=	27.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	73	17	FOBS=	63.6	SIGMA=	4.7	PHAS=	-127.8	FOM=	0.76	TEST=	0
INDE	16	73	19	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	16	73	21	FOBS=	24.0	SIGMA=	8.9	PHAS=	140.6	FOM=	0.05	TEST=	1
INDE	17	18	17	FOBS=	241.8	SIGMA=	0.6	PHAS=	178.8	FOM=	0.97	TEST=	0
INDE	17	18	19	FOBS=	164.7	SIGMA=	0.7	PHAS=	101.5	FOM=	0.98	TEST=	0
INDE	17	18	21	FOBS=	25.5	SIGMA=	3.1	PHAS=	-176.5	FOM=	0.91	TEST=	1
INDE	17	18	23	FOBS=	166.3	SIGMA=	0.6	PHAS=	-75.6	FOM=	0.99	TEST=	0
INDE	17	18	25	FOBS=	24.0	SIGMA=	4.1	PHAS=	-153.5	FOM=	0.96	TEST=	0
INDE	17	18	27	FOBS=	110.9	SIGMA=	1.1	PHAS=	-117.9	FOM=	0.94	TEST=	0
INDE	17	18	29	FOBS=	137.3	SIGMA=	0.9	PHAS=	87.3	FOM=	0.92	TEST=	0
INDE	17	18	31	FOBS=	332.6	SIGMA=	0.6	PHAS=	-123.8	FOM=	0.95	TEST=	0
INDE	17	18	33	FOBS=	34.0	SIGMA=	3.6	PHAS=	-103.6	FOM=	0.22	TEST=	0
INDE	17	18	35	FOBS=	130.9	SIGMA=	1.0	PHAS=	-21.6	FOM=	0.93	TEST=	0
INDE	17	18	37	FOBS=	165.4	SIGMA=	1.0	PHAS=	113.4	FOM=	0.89	TEST=	0
INDE	17	18	39	FOBS=	117.1	SIGMA=	1.4	PHAS=	150.3	FOM=	0.85	TEST=	0
INDE	17	18	41	FOBS=	171.1	SIGMA=	1.2	PHAS=	-48.7	FOM=	0.92	TEST=	0
INDE	17	18	43	FOBS=	257.8	SIGMA=	0.9	PHAS=	-96.8	FOM=	0.94	TEST=	0
INDE	17	18	45	FOBS=	56.4	SIGMA=	3.4	PHAS=	-148.5	FOM=	0.84	TEST=	0
INDE	17	18	47	FOBS=	100.9	SIGMA=	1.9	PHAS=	95.8	FOM=	0.57	TEST=	0
INDE	17	18	49	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	18	51	FOBS=	26.9	SIGMA=	7.1	PHAS=	83.2	FOM=	0.16	TEST=	0
INDE	17	18	53	FOBS=	132.6	SIGMA=	1.5	PHAS=	-39.2	FOM=	0.91	TEST=	0
INDE	17	18	55	FOBS=	128.9	SIGMA=	1.5	PHAS=	-14.2	FOM=	0.86	TEST=	0
INDE	17	18	57	FOBS=	50.0	SIGMA=	4.6	PHAS=	54.0	FOM=	0.52	TEST=	0
INDE	17	18	59	FOBS=	114.7	SIGMA=	2.3	PHAS=	67.9	FOM=	0.94	TEST=	0
INDE	17	18	61	FOBS=	68.7	SIGMA=	3.6	PHAS=	-110.6	FOM=	0.18	TEST=	0
INDE	17	18	63	FOBS=	60.2	SIGMA=	4.1	PHAS=	-16.7	FOM=	0.85	TEST=	0
INDE	17	18	65	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	17	18	67	FOBS=	31.1	SIGMA=	5.7	PHAS=	180.0	FOM=	0.33	TEST=	0
INDE	17	18	69	FOBS=	18.2	SIGMA=	17.8	PHAS=	-131.9	FOM=	0.42	TEST=	0
INDE	17	18	71	FOBS=	36.0	SIGMA=	7.8	PHAS=	140.1	FOM=	0.48	TEST=	0
INDE	17	18	73	FOBS=	66.5	SIGMA=	4.2	PHAS=	-25.9	FOM=	0.11	TEST=	1
INDE	17	19	18	FOBS=	181.9	SIGMA=	0.6	PHAS=	81.0	FOM=	0.99	TEST=	0
INDE	17	19	20	FOBS=	100.9	SIGMA=	1.0	PHAS=	-138.9	FOM=	0.96	TEST=	1
INDE	17	19	22	FOBS=	93.2	SIGMA=	0.9	PHAS=	-139.2	FOM=	0.99	TEST=	0
INDE	17	19	24	FOBS=	279.9	SIGMA=	0.5	PHAS=	-60.9	FOM=	0.99	TEST=	0
INDE	17	19	26	FOBS=	94.1	SIGMA=	1.2	PHAS=	-43.5	FOM=	0.90	TEST=	0
INDE	17	19	28	FOBS=	186.4	SIGMA=	0.8	PHAS=	59.8	FOM=	0.98	TEST=	0

INDE	17	19	30	FOBS=	204.2	SIGMA=	0.7	PHAS=	79.6	FOM=	0.86	TEST=	0
INDE	17	19	32	FOBS=	220.9	SIGMA=	0.7	PHAS=	-178.1	FOM=	0.96	TEST=	0
INDE	17	19	34	FOBS=	214.6	SIGMA=	0.7	PHAS=	-130.0	FOM=	0.97	TEST=	0
INDE	17	19	36	FOBS=	147.4	SIGMA=	0.9	PHAS=	-75.1	FOM=	0.96	TEST=	0
INDE	17	19	38	FOBS=	91.2	SIGMA=	1.5	PHAS=	-37.1	FOM=	0.94	TEST=	0
INDE	17	19	40	FOBS=	135.1	SIGMA=	1.1	PHAS=	-92.1	FOM=	0.92	TEST=	0
INDE	17	19	42	FOBS=	243.6	SIGMA=	0.7	PHAS=	166.3	FOM=	0.93	TEST=	0
INDE	17	19	44	FOBS=	42.8	SIGMA=	3.6	PHAS=	86.7	FOM=	0.73	TEST=	0
INDE	17	19	46	FOBS=	116.1	SIGMA=	1.4	PHAS=	-81.8	FOM=	0.84	TEST=	0
INDE	17	19	48	FOBS=	128.1	SIGMA=	1.6	PHAS=	-138.3	FOM=	0.89	TEST=	0
INDE	17	19	50	FOBS=	23.1	SIGMA=	9.1	PHAS=	17.5	FOM=	0.46	TEST=	0
INDE	17	19	52	FOBS=	160.4	SIGMA=	1.3	PHAS=	-100.3	FOM=	0.96	TEST=	0
INDE	17	19	54	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	19	56	FOBS=	47.8	SIGMA=	3.9	PHAS=	73.1	FOM=	0.79	TEST=	0
INDE	17	19	58	FOBS=	90.2	SIGMA=	2.4	PHAS=	-125.3	FOM=	0.90	TEST=	0
INDE	17	19	60	FOBS=	88.5	SIGMA=	2.9	PHAS=	82.0	FOM=	0.74	TEST=	0
INDE	17	19	62	FOBS=	50.1	SIGMA=	5.0	PHAS=	94.5	FOM=	0.85	TEST=	0
INDE	17	19	64	FOBS=	54.1	SIGMA=	4.6	PHAS=	-166.2	FOM=	0.83	TEST=	0
INDE	17	19	66	FOBS=	32.1	SIGMA=	8.9	PHAS=	-61.8	FOM=	0.49	TEST=	0
INDE	17	19	68	FOBS=	92.5	SIGMA=	3.4	PHAS=	148.1	FOM=	0.95	TEST=	0
INDE	17	19	70	FOBS=	52.7	SIGMA=	5.6	PHAS=	84.6	FOM=	0.84	TEST=	0
INDE	17	19	72	FOBS=	37.4	SIGMA=	7.7	PHAS=	112.5	FOM=	0.61	TEST=	0
INDE	17	20	17	FOBS=	188.0	SIGMA=	0.6	PHAS=	-110.3	FOM=	0.96	TEST=	0
INDE	17	20	19	FOBS=	123.2	SIGMA=	0.8	PHAS=	60.8	FOM=	0.99	TEST=	0
INDE	17	20	21	FOBS=	78.9	SIGMA=	1.1	PHAS=	-150.3	FOM=	0.67	TEST=	0
INDE	17	20	23	FOBS=	342.7	SIGMA=	0.4	PHAS=	-175.4	FOM=	0.98	TEST=	0
INDE	17	20	25	FOBS=	274.2	SIGMA=	0.5	PHAS=	-139.8	FOM=	0.99	TEST=	0
INDE	17	20	27	FOBS=	222.0	SIGMA=	0.6	PHAS=	-107.1	FOM=	0.97	TEST=	0
INDE	17	20	29	FOBS=	227.9	SIGMA=	0.6	PHAS=	-4.7	FOM=	0.97	TEST=	0
INDE	17	20	31	FOBS=	45.3	SIGMA=	2.4	PHAS=	158.7	FOM=	0.58	TEST=	0
INDE	17	20	33	FOBS=	70.9	SIGMA=	1.7	PHAS=	23.0	FOM=	0.54	TEST=	0
INDE	17	20	35	FOBS=	89.1	SIGMA=	1.3	PHAS=	-128.6	FOM=	0.94	TEST=	0
INDE	17	20	37	FOBS=	200.5	SIGMA=	0.7	PHAS=	-166.1	FOM=	0.96	TEST=	0
INDE	17	20	39	FOBS=	199.2	SIGMA=	0.8	PHAS=	-131.5	FOM=	0.91	TEST=	0
INDE	17	20	41	FOBS=	61.8	SIGMA=	2.4	PHAS=	63.6	FOM=	0.79	TEST=	0
INDE	17	20	43	FOBS=	23.2	SIGMA=	6.7	PHAS=	-42.4	FOM=	0.62	TEST=	0
INDE	17	20	45	FOBS=	0.0	SIGMA=	17.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	20	47	FOBS=	113.7	SIGMA=	1.5	PHAS=	129.9	FOM=	0.86	TEST=	0
INDE	17	20	49	FOBS=	99.6	SIGMA=	1.9	PHAS=	-144.5	FOM=	0.85	TEST=	0
INDE	17	20	51	FOBS=	0.0	SIGMA=	25.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	20	53	FOBS=	45.7	SIGMA=	4.2	PHAS=	15.9	FOM=	0.11	TEST=	0
INDE	17	20	55	FOBS=	103.1	SIGMA=	1.9	PHAS=	77.2	FOM=	0.92	TEST=	0
INDE	17	20	57	FOBS=	87.0	SIGMA=	2.5	PHAS=	141.9	FOM=	0.91	TEST=	0
INDE	17	20	59	FOBS=	180.5	SIGMA=	1.6	PHAS=	66.5	FOM=	0.96	TEST=	0
INDE	17	20	61	FOBS=	37.0	SIGMA=	6.9	PHAS=	11.6	FOM=	0.73	TEST=	0
INDE	17	20	63	FOBS=	46.5	SIGMA=	5.4	PHAS=	-147.4	FOM=	0.14	TEST=	0
INDE	17	20	65	FOBS=	34.2	SIGMA=	7.3	PHAS=	-98.4	FOM=	0.15	TEST=	0
INDE	17	20	67	FOBS=	115.7	SIGMA=	2.8	PHAS=	67.6	FOM=	0.93	TEST=	0
INDE	17	20	69	FOBS=	64.6	SIGMA=	4.8	PHAS=	52.9	FOM=	0.93	TEST=	0
INDE	17	20	71	FOBS=	36.9	SIGMA=	7.9	PHAS=	-23.3	FOM=	0.77	TEST=	0
INDE	17	21	18	FOBS=	88.4	SIGMA=	1.0	PHAS=	157.0	FOM=	0.92	TEST=	0
INDE	17	21	20	FOBS=	180.8	SIGMA=	0.7	PHAS=	-67.8	FOM=	0.99	TEST=	0
INDE	17	21	22	FOBS=	118.9	SIGMA=	0.8	PHAS=	-111.2	FOM=	0.90	TEST=	0
INDE	17	21	24	FOBS=	265.4	SIGMA=	0.5	PHAS=	118.3	FOM=	0.97	TEST=	0
INDE	17	21	26	FOBS=	288.2	SIGMA=	0.6	PHAS=	122.5	FOM=	0.95	TEST=	0
INDE	17	21	28	FOBS=	83.3	SIGMA=	1.3	PHAS=	-12.4	FOM=	0.96	TEST=	0
INDE	17	21	30	FOBS=	268.0	SIGMA=	0.7	PHAS=	70.5	FOM=	0.94	TEST=	0
INDE	17	21	32	FOBS=	116.1	SIGMA=	1.1	PHAS=	161.9	FOM=	0.95	TEST=	0
INDE	17	21	34	FOBS=	111.7	SIGMA=	1.2	PHAS=	132.7	FOM=	0.85	TEST=	0
INDE	17	21	36	FOBS=	131.7	SIGMA=	1.0	PHAS=	143.1	FOM=	0.98	TEST=	0
INDE	17	21	38	FOBS=	36.9	SIGMA=	3.8	PHAS=	-100.5	FOM=	0.24	TEST=	0
INDE	17	21	40	FOBS=	171.0	SIGMA=	1.0	PHAS=	177.6	FOM=	0.92	TEST=	0
INDE	17	21	42	FOBS=	99.1	SIGMA=	1.5	PHAS=	32.8	FOM=	0.76	TEST=	0
INDE	17	21	44	FOBS=	97.1	SIGMA=	1.5	PHAS=	-8.2	FOM=	0.86	TEST=	0
INDE	17	21	46	FOBS=	0.0	SIGMA=	18.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	21	48	FOBS=	88.8	SIGMA=	1.9	PHAS=	-90.3	FOM=	0.74	TEST=	0
INDE	17	21	50	FOBS=	67.0	SIGMA=	2.5	PHAS=	64.9	FOM=	0.39	TEST=	0
INDE	17	21	52	FOBS=	99.9	SIGMA=	1.7	PHAS=	-130.1	FOM=	0.79	TEST=	0
INDE	17	21	54	FOBS=	59.7	SIGMA=	3.2	PHAS=	-4.1	FOM=	0.85	TEST=	0
INDE	17	21	56	FOBS=	149.4	SIGMA=	1.6	PHAS=	28.0	FOM=	0.96	TEST=	0

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INDE	17	21	58	FOBS=	128.2	SIGMA=	1.9	PHAS=	-24.4	FOM=	0.92	TEST=	0
INDE	17	21	60	FOBS=	19.4	SIGMA=	15.6	PHAS=	-56.5	FOM=	0.06	TEST=	0
INDE	17	21	62	FOBS=	0.0	SIGMA=	24.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	17	21	64	FOBS=	32.6	SIGMA=	11.0	PHAS=	142.8	FOM=	0.05	TEST=	1
INDE	17	21	66	FOBS=	89.4	SIGMA=	3.7	PHAS=	-24.2	FOM=	0.92	TEST=	0
INDE	17	21	68	FOBS=	54.9	SIGMA=	6.0	PHAS=	11.7	FOM=	0.86	TEST=	0
INDE	17	21	70	FOBS=	21.0	SIGMA=	14.0	PHAS=	-46.8	FOM=	0.69	TEST=	0
INDE	17	22	17	FOBS=	50.9	SIGMA=	1.7	PHAS=	150.2	FOM=	0.97	TEST=	0
INDE	17	22	19	FOBS=	158.3	SIGMA=	0.7	PHAS=	-149.9	FOM=	0.93	TEST=	0
INDE	17	22	21	FOBS=	136.9	SIGMA=	0.8	PHAS=	-124.7	FOM=	0.95	TEST=	0
INDE	17	22	23	FOBS=	155.1	SIGMA=	0.7	PHAS=	177.1	FOM=	0.99	TEST=	0
INDE	17	22	25	FOBS=	247.3	SIGMA=	0.5	PHAS=	1.6	FOM=	0.99	TEST=	0
INDE	17	22	27	FOBS=	87.0	SIGMA=	1.3	PHAS=	-22.3	FOM=	0.95	TEST=	0
INDE	17	22	29	FOBS=	53.7	SIGMA=	2.2	PHAS=	-150.5	FOM=	0.93	TEST=	0
INDE	17	22	31	FOBS=	148.7	SIGMA=	0.9	PHAS=	-12.8	FOM=	0.93	TEST=	0
INDE	17	22	33	FOBS=	249.2	SIGMA=	0.7	PHAS=	2.0	FOM=	0.92	TEST=	0
INDE	17	22	35	FOBS=	214.1	SIGMA=	0.7	PHAS=	-12.4	FOM=	0.97	TEST=	1
INDE	17	22	37	FOBS=	229.1	SIGMA=	0.7	PHAS=	96.7	FOM=	0.95	TEST=	0
INDE	17	22	39	FOBS=	253.9	SIGMA=	0.7	PHAS=	74.1	FOM=	0.95	TEST=	0
INDE	17	22	41	FOBS=	84.7	SIGMA=	1.7	PHAS=	16.3	FOM=	0.96	TEST=	0
INDE	17	22	43	FOBS=	242.0	SIGMA=	0.7	PHAS=	-78.3	FOM=	0.94	TEST=	0
INDE	17	22	45	FOBS=	152.0	SIGMA=	1.1	PHAS=	-61.1	FOM=	0.97	TEST=	0
INDE	17	22	47	FOBS=	139.6	SIGMA=	1.2	PHAS=	129.4	FOM=	0.85	TEST=	0
INDE	17	22	49	FOBS=	49.6	SIGMA=	3.3	PHAS=	-133.6	FOM=	0.23	TEST=	0
INDE	17	22	51	FOBS=	37.4	SIGMA=	4.2	PHAS=	-80.7	FOM=	0.35	TEST=	1
INDE	17	22	53	FOBS=	30.3	SIGMA=	5.9	PHAS=	-47.9	FOM=	0.40	TEST=	0
INDE	17	22	55	FOBS=	85.4	SIGMA=	2.0	PHAS=	-83.6	FOM=	0.85	TEST=	0
INDE	17	22	57	FOBS=	124.1	SIGMA=	1.9	PHAS=	-118.9	FOM=	0.95	TEST=	0
INDE	17	22	59	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	17	22	61	FOBS=	58.6	SIGMA=	4.4	PHAS=	-101.4	FOM=	0.66	TEST=	1
INDE	17	22	63	FOBS=	63.8	SIGMA=	4.0	PHAS=	-89.2	FOM=	0.75	TEST=	0
INDE	17	22	65	FOBS=	55.2	SIGMA=	5.2	PHAS=	-54.2	FOM=	0.39	TEST=	0
INDE	17	22	67	FOBS=	82.3	SIGMA=	4.0	PHAS=	11.9	FOM=	0.54	TEST=	0
INDE	17	22	69	FOBS=	18.4	SIGMA=	16.6	PHAS=	44.3	FOM=	0.32	TEST=	0
INDE	17	23	18	FOBS=	247.9	SIGMA=	0.5	PHAS=	96.4	FOM=	0.51	TEST=	1
INDE	17	23	20	FOBS=	66.4	SIGMA=	1.5	PHAS=	7.8	FOM=	0.85	TEST=	0
INDE	17	23	22	FOBS=	127.3	SIGMA=	0.9	PHAS=	-43.6	FOM=	0.98	TEST=	0
INDE	17	23	24	FOBS=	199.8	SIGMA=	0.6	PHAS=	145.7	FOM=	0.98	TEST=	1
INDE	17	23	26	FOBS=	12.8	SIGMA=	8.5	PHAS=	-96.9	FOM=	0.14	TEST=	0
INDE	17	23	28	FOBS=	92.9	SIGMA=	1.3	PHAS=	23.1	FOM=	0.98	TEST=	0
INDE	17	23	30	FOBS=	106.0	SIGMA=	1.2	PHAS=	-67.9	FOM=	0.87	TEST=	0
INDE	17	23	32	FOBS=	358.9	SIGMA=	0.6	PHAS=	-66.5	FOM=	0.96	TEST=	0
INDE	17	23	34	FOBS=	177.9	SIGMA=	0.9	PHAS=	-75.8	FOM=	0.91	TEST=	0
INDE	17	23	36	FOBS=	0.0	SIGMA=	17.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	17	23	38	FOBS=	342.7	SIGMA=	0.6	PHAS=	-18.3	FOM=	0.97	TEST=	0
INDE	17	23	40	FOBS=	131.7	SIGMA=	1.2	PHAS=	-13.1	FOM=	0.11	TEST=	1
INDE	17	23	42	FOBS=	0.0	SIGMA=	17.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	23	44	FOBS=	285.6	SIGMA=	0.7	PHAS=	-179.8	FOM=	0.82	TEST=	1
INDE	17	23	46	FOBS=	129.7	SIGMA=	1.2	PHAS=	-117.0	FOM=	0.95	TEST=	0
INDE	17	23	48	FOBS=	260.0	SIGMA=	0.7	PHAS=	-43.5	FOM=	0.96	TEST=	0
INDE	17	23	50	FOBS=	93.0	SIGMA=	1.7	PHAS=	58.2	FOM=	0.90	TEST=	0
INDE	17	23	52	FOBS=	43.0	SIGMA=	3.6	PHAS=	-154.5	FOM=	0.32	TEST=	0
INDE	17	23	54	FOBS=	91.5	SIGMA=	1.9	PHAS=	130.3	FOM=	0.94	TEST=	0
INDE	17	23	56	FOBS=	67.3	SIGMA=	2.8	PHAS=	125.7	FOM=	0.86	TEST=	0
INDE	17	23	58	FOBS=	83.3	SIGMA=	2.6	PHAS=	2.4	FOM=	0.12	TEST=	1
INDE	17	23	60	FOBS=	98.1	SIGMA=	2.7	PHAS=	159.0	FOM=	0.78	TEST=	0
INDE	17	23	62	FOBS=	54.5	SIGMA=	4.7	PHAS=	124.9	FOM=	0.79	TEST=	0
INDE	17	23	64	FOBS=	95.9	SIGMA=	2.7	PHAS=	-152.5	FOM=	0.93	TEST=	0
INDE	17	23	66	FOBS=	9.0	SIGMA=	36.0	PHAS=	18.7	FOM=	0.07	TEST=	0
INDE	17	23	68	FOBS=	98.5	SIGMA=	3.3	PHAS=	-54.2	FOM=	0.89	TEST=	0
INDE	17	24	17	FOBS=	148.7	SIGMA=	0.7	PHAS=	9.9	FOM=	0.96	TEST=	0
INDE	17	24	19	FOBS=	76.7	SIGMA=	1.3	PHAS=	125.0	FOM=	0.92	TEST=	0
INDE	17	24	21	FOBS=	219.4	SIGMA=	0.7	PHAS=	-115.0	FOM=	0.98	TEST=	0
INDE	17	24	23	FOBS=	187.5	SIGMA=	0.7	PHAS=	-148.0	FOM=	0.90	TEST=	1
INDE	17	24	25	FOBS=	144.6	SIGMA=	0.8	PHAS=	136.0	FOM=	0.94	TEST=	0
INDE	17	24	27	FOBS=	18.8	SIGMA=	6.6	PHAS=	49.4	FOM=	0.04	TEST=	0
INDE	17	24	29	FOBS=	164.0	SIGMA=	0.9	PHAS=	-121.3	FOM=	0.90	TEST=	0
INDE	17	24	31	FOBS=	114.5	SIGMA=	1.2	PHAS=	-157.5	FOM=	0.93	TEST=	0
INDE	17	24	33	FOBS=	216.6	SIGMA=	0.8	PHAS=	-108.2	FOM=	0.96	TEST=	0
INDE	17	24	35	FOBS=	285.8	SIGMA=	0.7	PHAS=	-83.3	FOM=	0.96	TEST=	0

INDE	17	24	37	FOBS=	61.1	SIGMA=	2.7	PHAS=	-158.1	FOM=	0.83	TEST=	1
INDE	17	24	39	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	24	41	FOBS=	37.2	SIGMA=	4.4	PHAS=	66.4	FOM=	0.62	TEST=	0
INDE	17	24	43	FOBS=	66.5	SIGMA=	2.4	PHAS=	-54.7	FOM=	0.49	TEST=	0
INDE	17	24	45	FOBS=	257.2	SIGMA=	0.7	PHAS=	151.9	FOM=	0.97	TEST=	0
INDE	17	24	47	FOBS=	294.3	SIGMA=	0.7	PHAS=	140.8	FOM=	0.97	TEST=	0
INDE	17	24	49	FOBS=	82.8	SIGMA=	1.8	PHAS=	-111.2	FOM=	0.93	TEST=	0
INDE	17	24	51	FOBS=	182.0	SIGMA=	1.0	PHAS=	-54.7	FOM=	0.95	TEST=	0
INDE	17	24	53	FOBS=	85.7	SIGMA=	1.9	PHAS=	-3.2	FOM=	0.88	TEST=	0
INDE	17	24	55	FOBS=	88.9	SIGMA=	1.9	PHAS=	20.9	FOM=	0.89	TEST=	0
INDE	17	24	57	FOBS=	98.8	SIGMA=	2.1	PHAS=	-139.1	FOM=	0.88	TEST=	0
INDE	17	24	59	FOBS=	86.0	SIGMA=	2.5	PHAS=	156.6	FOM=	0.81	TEST=	0
INDE	17	24	61	FOBS=	79.3	SIGMA=	2.7	PHAS=	114.0	FOM=	0.80	TEST=	0
INDE	17	24	63	FOBS=	74.9	SIGMA=	3.5	PHAS=	102.0	FOM=	0.88	TEST=	0
INDE	17	24	65	FOBS=	49.7	SIGMA=	6.9	PHAS=	109.4	FOM=	0.58	TEST=	0
INDE	17	24	67	FOBS=	0.0	SIGMA=	25.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	25	18	FOBS=	128.9	SIGMA=	0.8	PHAS=	144.6	FOM=	0.96	TEST=	0
INDE	17	25	20	FOBS=	111.9	SIGMA=	1.0	PHAS=	16.8	FOM=	0.95	TEST=	0
INDE	17	25	22	FOBS=	108.7	SIGMA=	1.0	PHAS=	-178.0	FOM=	0.93	TEST=	0
INDE	17	25	24	FOBS=	319.6	SIGMA=	0.5	PHAS=	70.0	FOM=	0.98	TEST=	0
INDE	17	25	26	FOBS=	313.3	SIGMA=	0.5	PHAS=	27.7	FOM=	0.93	TEST=	0
INDE	17	25	28	FOBS=	103.1	SIGMA=	1.2	PHAS=	117.3	FOM=	0.95	TEST=	0
INDE	17	25	30	FOBS=	162.7	SIGMA=	0.9	PHAS=	132.6	FOM=	0.97	TEST=	0
INDE	17	25	32	FOBS=	127.5	SIGMA=	1.1	PHAS=	-10.9	FOM=	0.84	TEST=	0
INDE	17	25	34	FOBS=	359.2	SIGMA=	0.6	PHAS=	165.2	FOM=	0.98	TEST=	0
INDE	17	25	36	FOBS=	226.9	SIGMA=	0.8	PHAS=	162.2	FOM=	0.87	TEST=	0
INDE	17	25	38	FOBS=	137.5	SIGMA=	1.4	PHAS=	37.7	FOM=	0.90	TEST=	0
INDE	17	25	40	FOBS=	90.2	SIGMA=	2.0	PHAS=	78.7	FOM=	0.68	TEST=	0
INDE	17	25	42	FOBS=	19.6	SIGMA=	9.0	PHAS=	-114.8	FOM=	0.56	TEST=	0
INDE	17	25	44	FOBS=	44.5	SIGMA=	3.5	PHAS=	147.4	FOM=	0.66	TEST=	0
INDE	17	25	46	FOBS=	224.2	SIGMA=	0.8	PHAS=	34.9	FOM=	0.91	TEST=	0
INDE	17	25	48	FOBS=	100.3	SIGMA=	1.5	PHAS=	-39.0	FOM=	0.91	TEST=	0
INDE	17	25	50	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	25	52	FOBS=	53.1	SIGMA=	3.0	PHAS=	-128.0	FOM=	0.80	TEST=	1
INDE	17	25	54	FOBS=	80.4	SIGMA=	2.0	PHAS=	-168.8	FOM=	0.90	TEST=	0
INDE	17	25	56	FOBS=	26.3	SIGMA=	6.8	PHAS=	-177.8	FOM=	0.63	TEST=	0
INDE	17	25	58	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	25	60	FOBS=	65.4	SIGMA=	3.3	PHAS=	51.9	FOM=	0.69	TEST=	0
INDE	17	25	62	FOBS=	57.7	SIGMA=	3.6	PHAS=	36.1	FOM=	0.75	TEST=	0
INDE	17	25	64	FOBS=	16.8	SIGMA=	17.5	PHAS=	-108.7	FOM=	0.32	TEST=	0
INDE	17	26	17	FOBS=	19.4	SIGMA=	6.0	PHAS=	134.8	FOM=	0.08	TEST=	0
INDE	17	26	19	FOBS=	92.5	SIGMA=	1.1	PHAS=	-8.1	FOM=	0.99	TEST=	0
INDE	17	26	21	FOBS=	135.4	SIGMA=	0.8	PHAS=	-118.4	FOM=	0.83	TEST=	0
INDE	17	26	23	FOBS=	223.4	SIGMA=	0.6	PHAS=	-71.6	FOM=	0.95	TEST=	0
INDE	17	26	25	FOBS=	90.2	SIGMA=	1.4	PHAS=	-139.2	FOM=	0.97	TEST=	0
INDE	17	26	27	FOBS=	137.4	SIGMA=	0.9	PHAS=	-128.9	FOM=	0.93	TEST=	0
INDE	17	26	29	FOBS=	86.2	SIGMA=	1.7	PHAS=	-13.3	FOM=	0.94	TEST=	0
INDE	17	26	31	FOBS=	119.7	SIGMA=	1.3	PHAS=	94.5	FOM=	0.61	TEST=	0
INDE	17	26	33	FOBS=	77.2	SIGMA=	1.9	PHAS=	8.5	FOM=	0.41	TEST=	0
INDE	17	26	35	FOBS=	148.5	SIGMA=	1.1	PHAS=	114.0	FOM=	0.92	TEST=	1
INDE	17	26	37	FOBS=	65.4	SIGMA=	2.5	PHAS=	51.4	FOM=	0.55	TEST=	0
INDE	17	26	39	FOBS=	65.2	SIGMA=	2.8	PHAS=	70.9	FOM=	0.54	TEST=	0
INDE	17	26	41	FOBS=	138.8	SIGMA=	1.3	PHAS=	109.9	FOM=	0.93	TEST=	0
INDE	17	26	43	FOBS=	38.6	SIGMA=	4.6	PHAS=	39.1	FOM=	0.81	TEST=	0
INDE	17	26	45	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	26	47	FOBS=	254.4	SIGMA=	0.7	PHAS=	177.8	FOM=	0.94	TEST=	0
INDE	17	26	49	FOBS=	11.7	SIGMA=	13.4	PHAS=	-139.8	FOM=	0.42	TEST=	0
INDE	17	26	51	FOBS=	74.3	SIGMA=	2.0	PHAS=	49.0	FOM=	0.92	TEST=	0
INDE	17	26	53	FOBS=	40.4	SIGMA=	3.9	PHAS=	-30.6	FOM=	0.82	TEST=	0
INDE	17	26	55	FOBS=	95.0	SIGMA=	1.8	PHAS=	106.9	FOM=	0.80	TEST=	0
INDE	17	26	57	FOBS=	125.9	SIGMA=	1.6	PHAS=	-177.6	FOM=	0.94	TEST=	0
INDE	17	26	59	FOBS=	95.6	SIGMA=	2.3	PHAS=	-150.4	FOM=	0.94	TEST=	0
INDE	17	26	61	FOBS=	88.8	SIGMA=	2.4	PHAS=	-21.8	FOM=	0.83	TEST=	0
INDE	17	26	63	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	26	65	FOBS=	70.1	SIGMA=	7.5	PHAS=	65.5	FOM=	0.81	TEST=	0
INDE	17	26	67	FOBS=	42.6	SIGMA=	12.7	PHAS=	81.6	FOM=	0.36	TEST=	0
INDE	17	27	18	FOBS=	132.5	SIGMA=	0.9	PHAS=	153.7	FOM=	0.91	TEST=	0
INDE	17	27	20	FOBS=	69.6	SIGMA=	1.5	PHAS=	149.6	FOM=	0.79	TEST=	0
INDE	17	27	22	FOBS=	181.3	SIGMA=	0.7	PHAS=	-154.9	FOM=	0.89	TEST=	1
INDE	17	27	24	FOBS=	295.4	SIGMA=	0.6	PHAS=	47.5	FOM=	0.96	TEST=	0

INDE	17	27	26	FOBS=	171.2	SIGMA=	0.8	PHAS=	40.0	FOM=	0.98	TEST=	0
INDE	17	27	28	FOBS=	153.8	SIGMA=	0.9	PHAS=	-178.1	FOM=	0.97	TEST=	0
INDE	17	27	30	FOBS=	164.8	SIGMA=	1.0	PHAS=	150.4	FOM=	0.98	TEST=	0
INDE	17	27	32	FOBS=	39.9	SIGMA=	3.9	PHAS=	125.7	FOM=	0.78	TEST=	0
INDE	17	27	34	FOBS=	172.8	SIGMA=	1.0	PHAS=	143.7	FOM=	0.95	TEST=	0
INDE	17	27	36	FOBS=	184.5	SIGMA=	0.9	PHAS=	58.3	FOM=	0.33	TEST=	1
INDE	17	27	38	FOBS=	133.1	SIGMA=	1.4	PHAS=	-15.9	FOM=	0.84	TEST=	0
INDE	17	27	40	FOBS=	103.9	SIGMA=	1.7	PHAS=	173.6	FOM=	0.80	TEST=	0
INDE	17	27	42	FOBS=	165.7	SIGMA=	1.1	PHAS=	-51.0	FOM=	0.93	TEST=	0
INDE	17	27	44	FOBS=	85.3	SIGMA=	2.0	PHAS=	-113.8	FOM=	0.77	TEST=	0
INDE	17	27	46	FOBS=	55.8	SIGMA=	3.2	PHAS=	166.5	FOM=	0.10	TEST=	1
INDE	17	27	48	FOBS=	199.3	SIGMA=	0.9	PHAS=	89.4	FOM=	0.97	TEST=	0
INDE	17	27	50	FOBS=	106.0	SIGMA=	1.4	PHAS=	18.8	FOM=	0.86	TEST=	0
INDE	17	27	52	FOBS=	114.2	SIGMA=	1.3	PHAS=	-56.7	FOM=	0.96	TEST=	0
INDE	17	27	54	FOBS=	0.0	SIGMA=	18.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	27	56	FOBS=	153.6	SIGMA=	1.3	PHAS=	72.2	FOM=	0.96	TEST=	0
INDE	17	27	58	FOBS=	93.9	SIGMA=	2.1	PHAS=	75.2	FOM=	0.86	TEST=	0
INDE	17	27	60	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	27	62	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	27	64	FOBS=	65.2	SIGMA=	8.0	PHAS=	-42.5	FOM=	0.76	TEST=	0
INDE	17	27	66	FOBS=	11.6	SIGMA=	46.5	PHAS=	-176.6	FOM=	0.05	TEST=	0
INDE	17	27	68	FOBS=	46.8	SIGMA=	11.5	PHAS=	99.1	FOM=	0.01	TEST=	1
INDE	17	28	17	FOBS=	70.7	SIGMA=	1.9	PHAS=	150.8	FOM=	0.76	TEST=	0
INDE	17	28	19	FOBS=	292.7	SIGMA=	0.6	PHAS=	66.5	FOM=	0.94	TEST=	0
INDE	17	28	21	FOBS=	154.1	SIGMA=	0.8	PHAS=	110.5	FOM=	0.99	TEST=	0
INDE	17	28	23	FOBS=	185.3	SIGMA=	0.7	PHAS=	-43.2	FOM=	0.96	TEST=	0
INDE	17	28	25	FOBS=	108.3	SIGMA=	1.3	PHAS=	-97.4	FOM=	0.95	TEST=	0
INDE	17	28	27	FOBS=	177.2	SIGMA=	0.8	PHAS=	-165.9	FOM=	0.92	TEST=	0
INDE	17	28	29	FOBS=	212.2	SIGMA=	0.7	PHAS=	5.4	FOM=	0.98	TEST=	0
INDE	17	28	31	FOBS=	217.5	SIGMA=	0.8	PHAS=	79.1	FOM=	0.97	TEST=	0
INDE	17	28	33	FOBS=	189.0	SIGMA=	0.9	PHAS=	14.6	FOM=	0.82	TEST=	0
INDE	17	28	35	FOBS=	122.1	SIGMA=	1.5	PHAS=	33.8	FOM=	0.91	TEST=	0
INDE	17	28	37	FOBS=	100.3	SIGMA=	1.8	PHAS=	62.1	FOM=	0.61	TEST=	0
INDE	17	28	39	FOBS=	202.6	SIGMA=	0.9	PHAS=	130.7	FOM=	0.92	TEST=	0
INDE	17	28	41	FOBS=	126.8	SIGMA=	1.4	PHAS=	154.4	FOM=	0.70	TEST=	0
INDE	17	28	43	FOBS=	86.5	SIGMA=	2.0	PHAS=	-130.1	FOM=	0.83	TEST=	0
INDE	17	28	45	FOBS=	0.0	SIGMA=	18.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	28	47	FOBS=	22.0	SIGMA=	9.6	PHAS=	-9.6	FOM=	0.58	TEST=	0
INDE	17	28	49	FOBS=	136.7	SIGMA=	1.2	PHAS=	-40.9	FOM=	0.93	TEST=	0
INDE	17	28	51	FOBS=	113.5	SIGMA=	1.4	PHAS=	-114.4	FOM=	0.82	TEST=	0
INDE	17	28	53	FOBS=	19.8	SIGMA=	7.3	PHAS=	-90.7	FOM=	0.10	TEST=	0
INDE	17	28	55	FOBS=	100.2	SIGMA=	1.7	PHAS=	-106.9	FOM=	0.90	TEST=	0
INDE	17	28	57	FOBS=	89.6	SIGMA=	2.1	PHAS=	-130.4	FOM=	0.78	TEST=	0
INDE	17	28	59	FOBS=	58.6	SIGMA=	3.2	PHAS=	-124.4	FOM=	0.60	TEST=	0
INDE	17	28	61	FOBS=	36.3	SIGMA=	5.8	PHAS=	75.7	FOM=	0.59	TEST=	0
INDE	17	28	63	FOBS=	37.9	SIGMA=	13.1	PHAS=	-163.6	FOM=	0.59	TEST=	0
INDE	17	28	65	FOBS=	57.3	SIGMA=	9.3	PHAS=	151.3	FOM=	0.61	TEST=	0
INDE	17	28	67	FOBS=	34.0	SIGMA=	15.8	PHAS=	24.5	FOM=	0.43	TEST=	0
INDE	17	28	69	FOBS=	22.7	SIGMA=	24.5	PHAS=	-73.0	FOM=	0.27	TEST=	0
INDE	17	29	18	FOBS=	186.5	SIGMA=	0.8	PHAS=	17.2	FOM=	0.96	TEST=	0
INDE	17	29	20	FOBS=	211.8	SIGMA=	0.7	PHAS=	-16.7	FOM=	0.96	TEST=	0
INDE	17	29	22	FOBS=	93.8	SIGMA=	1.3	PHAS=	108.4	FOM=	0.75	TEST=	1
INDE	17	29	24	FOBS=	173.6	SIGMA=	0.8	PHAS=	-10.3	FOM=	0.92	TEST=	0
INDE	17	29	26	FOBS=	113.2	SIGMA=	1.3	PHAS=	85.4	FOM=	0.94	TEST=	1
INDE	17	29	28	FOBS=	237.8	SIGMA=	0.7	PHAS=	123.9	FOM=	0.96	TEST=	0
INDE	17	29	30	FOBS=	59.5	SIGMA=	2.4	PHAS=	15.7	FOM=	0.61	TEST=	0
INDE	17	29	32	FOBS=	41.4	SIGMA=	4.1	PHAS=	-132.2	FOM=	0.83	TEST=	0
INDE	17	29	34	FOBS=	190.9	SIGMA=	1.0	PHAS=	-135.4	FOM=	0.92	TEST=	0
INDE	17	29	36	FOBS=	238.3	SIGMA=	1.1	PHAS=	49.1	FOM=	0.97	TEST=	0
INDE	17	29	38	FOBS=	69.5	SIGMA=	2.8	PHAS=	-157.3	FOM=	0.56	TEST=	0
INDE	17	29	40	FOBS=	126.3	SIGMA=	1.5	PHAS=	51.6	FOM=	0.86	TEST=	0
INDE	17	29	42	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	17	29	44	FOBS=	103.4	SIGMA=	1.6	PHAS=	45.4	FOM=	0.90	TEST=	0
INDE	17	29	46	FOBS=	72.7	SIGMA=	2.3	PHAS=	-76.6	FOM=	0.85	TEST=	0
INDE	17	29	48	FOBS=	40.8	SIGMA=	4.7	PHAS=	64.2	FOM=	0.34	TEST=	0
INDE	17	29	50	FOBS=	18.5	SIGMA=	9.0	PHAS=	154.1	FOM=	0.15	TEST=	0
INDE	17	29	52	FOBS=	64.1	SIGMA=	2.4	PHAS=	-71.2	FOM=	0.90	TEST=	0
INDE	17	29	54	FOBS=	20.6	SIGMA=	7.4	PHAS=	149.5	FOM=	0.27	TEST=	0
INDE	17	29	56	FOBS=	73.5	SIGMA=	2.3	PHAS=	114.8	FOM=	0.91	TEST=	0
INDE	17	29	58	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	17	29	60	FOBS=	43.0	SIGMA=	4.6	PHAS=	35.0	FOM=	0.37	TEST=	0
INDE	17	29	62	FOBS=	71.5	SIGMA=	3.7	PHAS=	-33.3	FOM=	0.90	TEST=	0
INDE	17	29	64	FOBS=	56.9	SIGMA=	9.2	PHAS=	61.9	FOM=	0.74	TEST=	0
INDE	17	29	66	FOBS=	61.4	SIGMA=	8.8	PHAS=	21.7	FOM=	0.82	TEST=	0
INDE	17	29	68	FOBS=	19.2	SIGMA=	28.7	PHAS=	-31.2	FOM=	0.13	TEST=	0
INDE	17	29	70	FOBS=	0.0	SIGMA=	33.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	30	17	FOBS=	30.0	SIGMA=	3.7	PHAS=	9.0	FOM=	0.30	TEST=	0
INDE	17	30	19	FOBS=	52.7	SIGMA=	2.2	PHAS=	-78.9	FOM=	0.91	TEST=	0
INDE	17	30	21	FOBS=	0.0	SIGMA=	17.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	30	23	FOBS=	240.1	SIGMA=	0.9	PHAS=	-170.5	FOM=	0.93	TEST=	0
INDE	17	30	25	FOBS=	153.7	SIGMA=	1.0	PHAS=	107.9	FOM=	0.89	TEST=	0
INDE	17	30	27	FOBS=	261.1	SIGMA=	0.7	PHAS=	25.1	FOM=	0.86	TEST=	0
INDE	17	30	29	FOBS=	206.8	SIGMA=	0.8	PHAS=	-37.1	FOM=	0.91	TEST=	0
INDE	17	30	31	FOBS=	119.1	SIGMA=	1.4	PHAS=	61.9	FOM=	0.93	TEST=	0
INDE	17	30	33	FOBS=	209.7	SIGMA=	1.1	PHAS=	77.4	FOM=	0.90	TEST=	0
INDE	17	30	35	FOBS=	51.9	SIGMA=	3.8	PHAS=	-47.1	FOM=	0.89	TEST=	0
INDE	17	30	37	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	30	39	FOBS=	79.4	SIGMA=	2.4	PHAS=	114.9	FOM=	0.83	TEST=	0
INDE	17	30	41	FOBS=	232.9	SIGMA=	0.9	PHAS=	-14.3	FOM=	0.78	TEST=	1
INDE	17	30	43	FOBS=	57.0	SIGMA=	3.0	PHAS=	5.4	FOM=	0.54	TEST=	0
INDE	17	30	45	FOBS=	82.8	SIGMA=	2.0	PHAS=	-99.5	FOM=	0.39	TEST=	0
INDE	17	30	47	FOBS=	166.7	SIGMA=	1.1	PHAS=	-152.6	FOM=	0.96	TEST=	0
INDE	17	30	49	FOBS=	99.1	SIGMA=	1.7	PHAS=	132.6	FOM=	0.05	TEST=	1
INDE	17	30	51	FOBS=	168.5	SIGMA=	1.0	PHAS=	-133.4	FOM=	0.98	TEST=	0
INDE	17	30	53	FOBS=	41.0	SIGMA=	3.8	PHAS=	127.1	FOM=	0.29	TEST=	0
INDE	17	30	55	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	30	57	FOBS=	34.1	SIGMA=	5.1	PHAS=	-9.2	FOM=	0.49	TEST=	0
INDE	17	30	59	FOBS=	13.0	SIGMA=	14.3	PHAS=	17.0	FOM=	0.12	TEST=	0
INDE	17	30	61	FOBS=	73.4	SIGMA=	3.3	PHAS=	-87.3	FOM=	0.89	TEST=	0
INDE	17	30	63	FOBS=	48.1	SIGMA=	6.3	PHAS=	150.5	FOM=	0.30	TEST=	0
INDE	17	30	65	FOBS=	47.3	SIGMA=	11.1	PHAS=	-69.7	FOM=	0.77	TEST=	0
INDE	17	30	67	FOBS=	53.3	SIGMA=	10.3	PHAS=	-94.6	FOM=	0.89	TEST=	0
INDE	17	30	69	FOBS=	0.0	SIGMA=	33.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	31	18	FOBS=	164.2	SIGMA=	0.9	PHAS=	-26.5	FOM=	0.34	TEST=	1
INDE	17	31	20	FOBS=	61.2	SIGMA=	1.9	PHAS=	103.1	FOM=	0.99	TEST=	0
INDE	17	31	22	FOBS=	272.5	SIGMA=	0.6	PHAS=	77.3	FOM=	0.95	TEST=	0
INDE	17	31	24	FOBS=	183.2	SIGMA=	0.8	PHAS=	18.7	FOM=	0.95	TEST=	0
INDE	17	31	26	FOBS=	251.2	SIGMA=	0.7	PHAS=	-69.9	FOM=	0.88	TEST=	0
INDE	17	31	28	FOBS=	170.4	SIGMA=	1.0	PHAS=	119.4	FOM=	0.96	TEST=	0
INDE	17	31	30	FOBS=	132.0	SIGMA=	1.2	PHAS=	64.1	FOM=	0.97	TEST=	0
INDE	17	31	32	FOBS=	92.9	SIGMA=	2.3	PHAS=	15.5	FOM=	0.85	TEST=	0
INDE	17	31	34	FOBS=	110.7	SIGMA=	1.9	PHAS=	151.8	FOM=	0.54	TEST=	1
INDE	17	31	36	FOBS=	152.7	SIGMA=	1.4	PHAS=	58.5	FOM=	0.84	TEST=	0
INDE	17	31	38	FOBS=	56.1	SIGMA=	3.5	PHAS=	35.9	FOM=	0.52	TEST=	0
INDE	17	31	40	FOBS=	194.7	SIGMA=	1.1	PHAS=	-107.3	FOM=	0.74	TEST=	0
INDE	17	31	42	FOBS=	211.9	SIGMA=	1.0	PHAS=	-145.2	FOM=	0.95	TEST=	0
INDE	17	31	44	FOBS=	133.1	SIGMA=	1.3	PHAS=	107.3	FOM=	0.93	TEST=	0
INDE	17	31	46	FOBS=	169.5	SIGMA=	1.1	PHAS=	141.2	FOM=	0.95	TEST=	0
INDE	17	31	48	FOBS=	117.9	SIGMA=	1.4	PHAS=	94.4	FOM=	0.92	TEST=	0
INDE	17	31	50	FOBS=	149.4	SIGMA=	1.2	PHAS=	147.8	FOM=	0.96	TEST=	0
INDE	17	31	52	FOBS=	52.6	SIGMA=	3.0	PHAS=	-9.6	FOM=	0.18	TEST=	0
INDE	17	31	54	FOBS=	58.7	SIGMA=	3.1	PHAS=	155.9	FOM=	0.71	TEST=	0
INDE	17	31	56	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	31	58	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	31	60	FOBS=	52.6	SIGMA=	4.1	PHAS=	4.6	FOM=	0.63	TEST=	0
INDE	17	31	62	FOBS=	92.9	SIGMA=	2.9	PHAS=	-132.9	FOM=	0.92	TEST=	0
INDE	17	31	64	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	31	66	FOBS=	6.0	SIGMA=	87.6	PHAS=	150.2	FOM=	0.05	TEST=	0
INDE	17	31	68	FOBS=	19.9	SIGMA=	27.8	PHAS=	113.1	FOM=	0.30	TEST=	0
INDE	17	32	17	FOBS=	156.5	SIGMA=	0.9	PHAS=	-96.5	FOM=	0.94	TEST=	0
INDE	17	32	19	FOBS=	49.0	SIGMA=	2.5	PHAS=	9.0	FOM=	0.64	TEST=	0
INDE	17	32	21	FOBS=	228.8	SIGMA=	0.7	PHAS=	-19.4	FOM=	0.96	TEST=	0
INDE	17	32	23	FOBS=	156.4	SIGMA=	0.9	PHAS=	87.2	FOM=	0.94	TEST=	0
INDE	17	32	25	FOBS=	49.5	SIGMA=	3.0	PHAS=	166.6	FOM=	0.51	TEST=	0
INDE	17	32	27	FOBS=	374.2	SIGMA=	0.7	PHAS=	54.0	FOM=	0.95	TEST=	0
INDE	17	32	29	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	32	31	FOBS=	69.1	SIGMA=	2.7	PHAS=	-7.9	FOM=	0.75	TEST=	0
INDE	17	32	33	FOBS=	186.6	SIGMA=	1.5	PHAS=	8.8	FOM=	0.87	TEST=	0
INDE	17	32	35	FOBS=	275.8	SIGMA=	0.9	PHAS=	-54.4	FOM=	0.95	TEST=	0
INDE	17	32	37	FOBS=	111.9	SIGMA=	1.8	PHAS=	-166.3	FOM=	0.89	TEST=	0

INDE	17	32	39	FOBS=	163.4	SIGMA=	1.3	PHAS=	18.5	FOM=	0.88	TEST=	0
INDE	17	32	41	FOBS=	59.7	SIGMA=	3.2	PHAS=	157.3	FOM=	0.75	TEST=	0
INDE	17	32	43	FOBS=	3.3	SIGMA=	56.1	PHAS=	-97.2	FOM=	0.04	TEST=	0
INDE	17	32	45	FOBS=	146.6	SIGMA=	1.3	PHAS=	63.1	FOM=	0.91	TEST=	0
INDE	17	32	47	FOBS=	70.2	SIGMA=	2.4	PHAS=	101.5	FOM=	0.70	TEST=	1
INDE	17	32	49	FOBS=	65.4	SIGMA=	2.5	PHAS=	36.7	FOM=	0.72	TEST=	0
INDE	17	32	51	FOBS=	103.1	SIGMA=	1.6	PHAS=	129.6	FOM=	0.93	TEST=	0
INDE	17	32	53	FOBS=	34.6	SIGMA=	5.0	PHAS=	3.3	FOM=	0.60	TEST=	0
INDE	17	32	55	FOBS=	16.0	SIGMA=	14.4	PHAS=	-37.0	FOM=	0.01	TEST=	1
INDE	17	32	57	FOBS=	10.5	SIGMA=	19.8	PHAS=	-66.5	FOM=	0.07	TEST=	0
INDE	17	32	59	FOBS=	0.0	SIGMA=	22.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	32	61	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	32	63	FOBS=	61.5	SIGMA=	4.3	PHAS=	119.2	FOM=	0.79	TEST=	0
INDE	17	32	65	FOBS=	63.3	SIGMA=	5.0	PHAS=	-3.0	FOM=	0.30	TEST=	0
INDE	17	32	67	FOBS=	52.5	SIGMA=	10.1	PHAS=	-125.5	FOM=	0.68	TEST=	0
INDE	17	33	18	FOBS=	155.1	SIGMA=	1.0	PHAS=	9.2	FOM=	0.95	TEST=	0
INDE	17	33	20	FOBS=	131.3	SIGMA=	1.1	PHAS=	126.1	FOM=	0.55	TEST=	0
INDE	17	33	22	FOBS=	205.4	SIGMA=	0.8	PHAS=	51.5	FOM=	0.97	TEST=	0
INDE	17	33	24	FOBS=	0.0	SIGMA=	17.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	33	26	FOBS=	224.8	SIGMA=	0.8	PHAS=	-17.3	FOM=	0.88	TEST=	1
INDE	17	33	28	FOBS=	219.7	SIGMA=	0.9	PHAS=	7.9	FOM=	0.97	TEST=	0
INDE	17	33	30	FOBS=	233.5	SIGMA=	1.0	PHAS=	95.6	FOM=	0.91	TEST=	1
INDE	17	33	32	FOBS=	137.2	SIGMA=	1.5	PHAS=	92.0	FOM=	0.68	TEST=	0
INDE	17	33	34	FOBS=	167.5	SIGMA=	1.3	PHAS=	-147.5	FOM=	0.92	TEST=	0
INDE	17	33	36	FOBS=	113.7	SIGMA=	1.8	PHAS=	-179.6	FOM=	0.51	TEST=	0
INDE	17	33	38	FOBS=	70.5	SIGMA=	2.8	PHAS=	-107.9	FOM=	0.56	TEST=	0
INDE	17	33	40	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	33	42	FOBS=	98.4	SIGMA=	1.9	PHAS=	166.8	FOM=	0.96	TEST=	0
INDE	17	33	44	FOBS=	93.8	SIGMA=	2.0	PHAS=	132.2	FOM=	0.88	TEST=	0
INDE	17	33	46	FOBS=	61.9	SIGMA=	3.0	PHAS=	-13.6	FOM=	0.42	TEST=	0
INDE	17	33	48	FOBS=	112.0	SIGMA=	1.5	PHAS=	2.1	FOM=	0.86	TEST=	0
INDE	17	33	50	FOBS=	127.2	SIGMA=	1.3	PHAS=	13.9	FOM=	0.94	TEST=	0
INDE	17	33	52	FOBS=	150.7	SIGMA=	1.2	PHAS=	18.4	FOM=	0.95	TEST=	0
INDE	17	33	54	FOBS=	62.7	SIGMA=	3.0	PHAS=	-114.9	FOM=	0.74	TEST=	0
INDE	17	33	56	FOBS=	43.7	SIGMA=	4.8	PHAS=	-108.7	FOM=	0.38	TEST=	0
INDE	17	33	58	FOBS=	75.5	SIGMA=	2.9	PHAS=	-30.8	FOM=	0.75	TEST=	0
INDE	17	33	60	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	33	62	FOBS=	61.5	SIGMA=	3.5	PHAS=	-134.5	FOM=	0.79	TEST=	0
INDE	17	33	64	FOBS=	76.5	SIGMA=	3.6	PHAS=	9.4	FOM=	0.81	TEST=	0
INDE	17	33	66	FOBS=	48.5	SIGMA=	6.5	PHAS=	44.3	FOM=	0.35	TEST=	0
INDE	17	33	68	FOBS=	62.5	SIGMA=	8.7	PHAS=	127.6	FOM=	0.80	TEST=	0
INDE	17	34	17	FOBS=	90.5	SIGMA=	1.4	PHAS=	-93.6	FOM=	0.86	TEST=	0
INDE	17	34	19	FOBS=	75.6	SIGMA=	1.9	PHAS=	86.4	FOM=	0.43	TEST=	0
INDE	17	34	21	FOBS=	270.4	SIGMA=	0.7	PHAS=	3.1	FOM=	0.95	TEST=	0
INDE	17	34	23	FOBS=	199.4	SIGMA=	0.8	PHAS=	76.0	FOM=	0.95	TEST=	0
INDE	17	34	25	FOBS=	161.3	SIGMA=	1.0	PHAS=	-144.7	FOM=	0.93	TEST=	0
INDE	17	34	27	FOBS=	158.1	SIGMA=	1.4	PHAS=	-66.4	FOM=	0.92	TEST=	0
INDE	17	34	29	FOBS=	240.3	SIGMA=	1.0	PHAS=	-65.5	FOM=	0.93	TEST=	0
INDE	17	34	31	FOBS=	78.4	SIGMA=	2.5	PHAS=	125.0	FOM=	0.88	TEST=	0
INDE	17	34	33	FOBS=	56.4	SIGMA=	3.3	PHAS=	-86.8	FOM=	0.55	TEST=	0
INDE	17	34	35	FOBS=	50.9	SIGMA=	3.9	PHAS=	-120.8	FOM=	0.83	TEST=	0
INDE	17	34	37	FOBS=	191.6	SIGMA=	1.1	PHAS=	-179.2	FOM=	0.93	TEST=	0
INDE	17	34	39	FOBS=	196.4	SIGMA=	1.1	PHAS=	64.0	FOM=	0.97	TEST=	0
INDE	17	34	41	FOBS=	55.8	SIGMA=	3.4	PHAS=	53.1	FOM=	0.77	TEST=	0
INDE	17	34	43	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	34	45	FOBS=	63.3	SIGMA=	2.9	PHAS=	-109.6	FOM=	0.36	TEST=	0
INDE	17	34	47	FOBS=	71.8	SIGMA=	2.5	PHAS=	-174.1	FOM=	0.77	TEST=	1
INDE	17	34	49	FOBS=	87.9	SIGMA=	2.1	PHAS=	-94.9	FOM=	0.78	TEST=	0
INDE	17	34	51	FOBS=	191.1	SIGMA=	1.0	PHAS=	-80.6	FOM=	0.98	TEST=	0
INDE	17	34	53	FOBS=	114.6	SIGMA=	1.9	PHAS=	-109.7	FOM=	0.88	TEST=	0
INDE	17	34	55	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	34	57	FOBS=	80.7	SIGMA=	2.7	PHAS=	176.9	FOM=	0.84	TEST=	0
INDE	17	34	59	FOBS=	66.6	SIGMA=	3.2	PHAS=	-150.0	FOM=	0.73	TEST=	0
INDE	17	34	61	FOBS=	60.2	SIGMA=	3.6	PHAS=	175.4	FOM=	0.92	TEST=	0
INDE	17	34	63	FOBS=	30.3	SIGMA=	9.8	PHAS=	89.9	FOM=	0.38	TEST=	0
INDE	17	34	65	FOBS=	0.0	SIGMA=	24.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	34	67	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	35	18	FOBS=	184.5	SIGMA=	0.8	PHAS=	63.3	FOM=	0.90	TEST=	0
INDE	17	35	20	FOBS=	155.4	SIGMA=	1.0	PHAS=	-54.5	FOM=	0.96	TEST=	0
INDE	17	35	22	FOBS=	60.6	SIGMA=	2.4	PHAS=	28.5	FOM=	0.83	TEST=	0

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INDE	17	35	24	FOBS=	44.4	SIGMA=	3.6	PHAS=	106.1	FOM=	0.19	TEST=	0
INDE	17	35	26	FOBS=	397.0	SIGMA=	0.7	PHAS=	143.9	FOM=	0.97	TEST=	0
INDE	17	35	28	FOBS=	163.6	SIGMA=	1.4	PHAS=	137.2	FOM=	0.96	TEST=	0
INDE	17	35	30	FOBS=	214.4	SIGMA=	1.1	PHAS=	79.0	FOM=	0.93	TEST=	1
INDE	17	35	32	FOBS=	244.0	SIGMA=	0.9	PHAS=	135.1	FOM=	0.96	TEST=	0
INDE	17	35	34	FOBS=	201.9	SIGMA=	1.0	PHAS=	136.6	FOM=	0.95	TEST=	0
INDE	17	35	36	FOBS=	160.9	SIGMA=	1.3	PHAS=	113.7	FOM=	0.97	TEST=	0
INDE	17	35	38	FOBS=	180.0	SIGMA=	1.2	PHAS=	56.5	FOM=	0.94	TEST=	0
INDE	17	35	40	FOBS=	77.8	SIGMA=	2.5	PHAS=	-87.7	FOM=	0.85	TEST=	0
INDE	17	35	42	FOBS=	25.4	SIGMA=	7.8	PHAS=	-175.5	FOM=	0.71	TEST=	1
INDE	17	35	44	FOBS=	64.0	SIGMA=	2.9	PHAS=	84.2	FOM=	0.79	TEST=	0
INDE	17	35	46	FOBS=	135.9	SIGMA=	1.4	PHAS=	-103.4	FOM=	0.81	TEST=	0
INDE	17	35	48	FOBS=	113.0	SIGMA=	1.6	PHAS=	7.4	FOM=	0.93	TEST=	0
INDE	17	35	50	FOBS=	35.1	SIGMA=	5.9	PHAS=	145.7	FOM=	0.45	TEST=	0
INDE	17	35	52	FOBS=	84.4	SIGMA=	2.6	PHAS=	144.6	FOM=	0.88	TEST=	0
INDE	17	35	54	FOBS=	16.8	SIGMA=	12.8	PHAS=	-94.8	FOM=	0.27	TEST=	0
INDE	17	35	56	FOBS=	26.2	SIGMA=	8.8	PHAS=	91.6	FOM=	0.25	TEST=	0
INDE	17	35	58	FOBS=	83.1	SIGMA=	2.6	PHAS=	90.6	FOM=	0.89	TEST=	0
INDE	17	35	60	FOBS=	93.9	SIGMA=	3.0	PHAS=	121.7	FOM=	0.94	TEST=	0
INDE	17	35	62	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	35	64	FOBS=	29.6	SIGMA=	8.1	PHAS=	36.1	FOM=	0.39	TEST=	0
INDE	17	35	66	FOBS=	42.5	SIGMA=	7.5	PHAS=	56.9	FOM=	0.71	TEST=	0
INDE	17	36	17	FOBS=	22.0	SIGMA=	6.6	PHAS=	57.6	FOM=	0.13	TEST=	0
INDE	17	36	19	FOBS=	212.3	SIGMA=	0.8	PHAS=	178.2	FOM=	0.93	TEST=	0
INDE	17	36	21	FOBS=	141.7	SIGMA=	1.1	PHAS=	7.5	FOM=	0.85	TEST=	0
INDE	17	36	23	FOBS=	159.2	SIGMA=	1.2	PHAS=	27.9	FOM=	0.78	TEST=	0
INDE	17	36	25	FOBS=	214.2	SIGMA=	1.0	PHAS=	56.5	FOM=	0.93	TEST=	0
INDE	17	36	27	FOBS=	315.4	SIGMA=	0.8	PHAS=	43.9	FOM=	0.98	TEST=	0
INDE	17	36	29	FOBS=	70.5	SIGMA=	2.8	PHAS=	-128.7	FOM=	0.74	TEST=	0
INDE	17	36	31	FOBS=	289.2	SIGMA=	0.9	PHAS=	57.0	FOM=	0.96	TEST=	0
INDE	17	36	33	FOBS=	290.2	SIGMA=	0.8	PHAS=	-27.8	FOM=	0.48	TEST=	1
INDE	17	36	35	FOBS=	137.1	SIGMA=	1.5	PHAS=	-4.1	FOM=	0.85	TEST=	0
INDE	17	36	37	FOBS=	150.0	SIGMA=	1.4	PHAS=	2.5	FOM=	0.86	TEST=	1
INDE	17	36	39	FOBS=	75.0	SIGMA=	2.6	PHAS=	18.8	FOM=	0.77	TEST=	0
INDE	17	36	41	FOBS=	53.0	SIGMA=	3.6	PHAS=	-129.8	FOM=	0.33	TEST=	0
INDE	17	36	43	FOBS=	100.4	SIGMA=	1.9	PHAS=	90.2	FOM=	0.92	TEST=	0
INDE	17	36	45	FOBS=	67.8	SIGMA=	2.7	PHAS=	-140.4	FOM=	0.83	TEST=	0
INDE	17	36	47	FOBS=	246.1	SIGMA=	1.1	PHAS=	-142.3	FOM=	0.98	TEST=	0
INDE	17	36	49	FOBS=	128.9	SIGMA=	1.8	PHAS=	-128.4	FOM=	0.94	TEST=	0
INDE	17	36	51	FOBS=	209.4	SIGMA=	1.2	PHAS=	-57.8	FOM=	0.98	TEST=	0
INDE	17	36	53	FOBS=	48.3	SIGMA=	4.5	PHAS=	-152.4	FOM=	0.77	TEST=	0
INDE	17	36	55	FOBS=	89.9	SIGMA=	2.4	PHAS=	-39.2	FOM=	0.17	TEST=	1
INDE	17	36	57	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	36	59	FOBS=	125.9	SIGMA=	1.8	PHAS=	43.8	FOM=	0.88	TEST=	0
INDE	17	36	61	FOBS=	48.4	SIGMA=	4.5	PHAS=	-170.5	FOM=	0.28	TEST=	0
INDE	17	36	63	FOBS=	56.2	SIGMA=	3.9	PHAS=	33.7	FOM=	0.27	TEST=	0
INDE	17	36	65	FOBS=	33.3	SIGMA=	9.6	PHAS=	-82.5	FOM=	0.84	TEST=	0
INDE	17	37	18	FOBS=	129.9	SIGMA=	1.3	PHAS=	39.0	FOM=	0.90	TEST=	0
INDE	17	37	20	FOBS=	165.9	SIGMA=	1.0	PHAS=	38.9	FOM=	0.95	TEST=	1
INDE	17	37	22	FOBS=	140.9	SIGMA=	1.3	PHAS=	172.6	FOM=	0.96	TEST=	0
INDE	17	37	24	FOBS=	50.0	SIGMA=	3.7	PHAS=	-97.7	FOM=	0.81	TEST=	1
INDE	17	37	26	FOBS=	99.9	SIGMA=	1.8	PHAS=	-105.3	FOM=	0.84	TEST=	0
INDE	17	37	28	FOBS=	112.5	SIGMA=	1.7	PHAS=	86.3	FOM=	0.72	TEST=	0
INDE	17	37	30	FOBS=	134.4	SIGMA=	1.5	PHAS=	99.3	FOM=	0.92	TEST=	0
INDE	17	37	32	FOBS=	135.2	SIGMA=	1.6	PHAS=	-97.1	FOM=	0.93	TEST=	0
INDE	17	37	34	FOBS=	9.5	SIGMA=	19.4	PHAS=	-176.7	FOM=	0.04	TEST=	0
INDE	17	37	36	FOBS=	129.7	SIGMA=	1.6	PHAS=	-142.2	FOM=	0.89	TEST=	0
INDE	17	37	38	FOBS=	63.9	SIGMA=	3.1	PHAS=	-12.2	FOM=	0.90	TEST=	0
INDE	17	37	40	FOBS=	54.5	SIGMA=	3.5	PHAS=	-148.1	FOM=	0.64	TEST=	0
INDE	17	37	42	FOBS=	86.1	SIGMA=	2.2	PHAS=	54.5	FOM=	0.93	TEST=	0
INDE	17	37	44	FOBS=	101.4	SIGMA=	1.9	PHAS=	-19.3	FOM=	0.94	TEST=	0
INDE	17	37	46	FOBS=	171.1	SIGMA=	1.3	PHAS=	129.9	FOM=	0.95	TEST=	0
INDE	17	37	48	FOBS=	87.2	SIGMA=	2.5	PHAS=	140.8	FOM=	0.91	TEST=	0
INDE	17	37	50	FOBS=	115.0	SIGMA=	2.0	PHAS=	145.7	FOM=	0.94	TEST=	0
INDE	17	37	52	FOBS=	164.5	SIGMA=	1.4	PHAS=	-132.7	FOM=	0.96	TEST=	0
INDE	17	37	54	FOBS=	111.6	SIGMA=	2.0	PHAS=	87.6	FOM=	0.93	TEST=	0
INDE	17	37	56	FOBS=	96.3	SIGMA=	2.3	PHAS=	-106.4	FOM=	0.74	TEST=	0
INDE	17	37	58	FOBS=	103.9	SIGMA=	2.1	PHAS=	121.5	FOM=	0.91	TEST=	0
INDE	17	37	60	FOBS=	48.2	SIGMA=	6.1	PHAS=	121.1	FOM=	0.48	TEST=	0
INDE	17	37	62	FOBS=	116.9	SIGMA=	1.9	PHAS=	151.4	FOM=	0.94	TEST=	0

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INDE	17	37	64	FOBS=	51.3	SIGMA=	5.3	PHAS=	54.0	FOM=	0.72	TEST=	0
INDE	17	37	66	FOBS=	43.7	SIGMA=	7.4	PHAS=	77.5	FOM=	0.46	TEST=	0
INDE	17	38	17	FOBS=	252.1	SIGMA=	0.7	PHAS=	-158.3	FOM=	0.97	TEST=	0
INDE	17	38	19	FOBS=	47.7	SIGMA=	3.8	PHAS=	89.4	FOM=	0.69	TEST=	0
INDE	17	38	21	FOBS=	301.8	SIGMA=	0.9	PHAS=	26.5	FOM=	0.94	TEST=	0
INDE	17	38	23	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	38	25	FOBS=	260.1	SIGMA=	0.9	PHAS=	85.7	FOM=	0.95	TEST=	0
INDE	17	38	27	FOBS=	216.9	SIGMA=	0.9	PHAS=	61.2	FOM=	0.91	TEST=	0
INDE	17	38	29	FOBS=	142.1	SIGMA=	1.3	PHAS=	30.3	FOM=	0.98	TEST=	0
INDE	17	38	31	FOBS=	92.7	SIGMA=	2.1	PHAS=	93.1	FOM=	0.83	TEST=	0
INDE	17	38	33	FOBS=	37.1	SIGMA=	6.0	PHAS=	30.0	FOM=	0.85	TEST=	0
INDE	17	38	35	FOBS=	126.3	SIGMA=	1.5	PHAS=	100.1	FOM=	0.88	TEST=	0
INDE	17	38	37	FOBS=	134.6	SIGMA=	1.5	PHAS=	51.9	FOM=	0.14	TEST=	0
INDE	17	38	39	FOBS=	11.8	SIGMA=	19.0	PHAS=	-150.0	FOM=	0.50	TEST=	0
INDE	17	38	41	FOBS=	69.7	SIGMA=	2.7	PHAS=	-89.8	FOM=	0.73	TEST=	0
INDE	17	38	43	FOBS=	60.6	SIGMA=	3.4	PHAS=	-66.7	FOM=	0.58	TEST=	0
INDE	17	38	45	FOBS=	84.0	SIGMA=	2.7	PHAS=	-85.8	FOM=	0.85	TEST=	0
INDE	17	38	47	FOBS=	95.4	SIGMA=	2.4	PHAS=	128.6	FOM=	0.89	TEST=	0
INDE	17	38	49	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	38	51	FOBS=	42.6	SIGMA=	5.7	PHAS=	44.6	FOM=	0.30	TEST=	0
INDE	17	38	53	FOBS=	151.4	SIGMA=	1.6	PHAS=	-140.2	FOM=	0.92	TEST=	0
INDE	17	38	55	FOBS=	52.6	SIGMA=	4.1	PHAS=	-73.1	FOM=	0.23	TEST=	1
INDE	17	38	57	FOBS=	55.6	SIGMA=	3.9	PHAS=	-12.4	FOM=	0.49	TEST=	0
INDE	17	38	59	FOBS=	99.3	SIGMA=	2.3	PHAS=	92.6	FOM=	0.94	TEST=	0
INDE	17	38	61	FOBS=	59.5	SIGMA=	3.7	PHAS=	52.5	FOM=	0.83	TEST=	0
INDE	17	38	63	FOBS=	53.5	SIGMA=	5.1	PHAS=	44.7	FOM=	0.30	TEST=	0
INDE	17	38	65	FOBS=	93.7	SIGMA=	3.6	PHAS=	-138.8	FOM=	0.93	TEST=	0
INDE	17	39	18	FOBS=	181.4	SIGMA=	1.1	PHAS=	99.4	FOM=	0.88	TEST=	0
INDE	17	39	20	FOBS=	267.5	SIGMA=	0.9	PHAS=	19.9	FOM=	0.99	TEST=	0
INDE	17	39	22	FOBS=	44.0	SIGMA=	4.7	PHAS=	77.2	FOM=	0.68	TEST=	0
INDE	17	39	24	FOBS=	204.0	SIGMA=	1.1	PHAS=	7.0	FOM=	0.95	TEST=	0
INDE	17	39	26	FOBS=	195.6	SIGMA=	1.1	PHAS=	-87.9	FOM=	0.93	TEST=	0
INDE	17	39	28	FOBS=	117.0	SIGMA=	1.6	PHAS=	-35.9	FOM=	0.89	TEST=	0
INDE	17	39	30	FOBS=	68.4	SIGMA=	2.7	PHAS=	-78.0	FOM=	0.76	TEST=	0
INDE	17	39	32	FOBS=	21.7	SIGMA=	8.7	PHAS=	-43.3	FOM=	0.16	TEST=	0
INDE	17	39	34	FOBS=	85.4	SIGMA=	2.2	PHAS=	-6.7	FOM=	0.62	TEST=	0
INDE	17	39	36	FOBS=	147.9	SIGMA=	1.3	PHAS=	136.0	FOM=	0.87	TEST=	0
INDE	17	39	38	FOBS=	121.6	SIGMA=	1.7	PHAS=	99.8	FOM=	0.71	TEST=	1
INDE	17	39	40	FOBS=	38.8	SIGMA=	5.7	PHAS=	90.2	FOM=	0.18	TEST=	0
INDE	17	39	42	FOBS=	67.9	SIGMA=	3.4	PHAS=	141.3	FOM=	0.75	TEST=	0
INDE	17	39	44	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	39	46	FOBS=	50.7	SIGMA=	4.4	PHAS=	161.9	FOM=	0.68	TEST=	0
INDE	17	39	48	FOBS=	41.8	SIGMA=	5.7	PHAS=	-131.8	FOM=	0.55	TEST=	0
INDE	17	39	50	FOBS=	17.5	SIGMA=	13.6	PHAS=	92.6	FOM=	0.36	TEST=	0
INDE	17	39	52	FOBS=	0.0	SIGMA=	22.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	39	54	FOBS=	41.5	SIGMA=	5.3	PHAS=	-38.3	FOM=	0.32	TEST=	1
INDE	17	39	56	FOBS=	45.7	SIGMA=	4.8	PHAS=	97.4	FOM=	0.70	TEST=	0
INDE	17	39	58	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	39	60	FOBS=	35.1	SIGMA=	6.2	PHAS=	8.0	FOM=	0.74	TEST=	0
INDE	17	39	62	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	39	64	FOBS=	142.9	SIGMA=	2.1	PHAS=	101.0	FOM=	0.97	TEST=	0
INDE	17	40	17	FOBS=	76.1	SIGMA=	2.4	PHAS=	-37.6	FOM=	0.75	TEST=	0
INDE	17	40	19	FOBS=	59.6	SIGMA=	3.3	PHAS=	3.8	FOM=	0.76	TEST=	0
INDE	17	40	21	FOBS=	158.8	SIGMA=	1.3	PHAS=	-37.0	FOM=	0.94	TEST=	0
INDE	17	40	23	FOBS=	131.4	SIGMA=	1.5	PHAS=	-108.4	FOM=	0.33	TEST=	0
INDE	17	40	25	FOBS=	121.2	SIGMA=	1.6	PHAS=	103.6	FOM=	0.83	TEST=	0
INDE	17	40	27	FOBS=	89.8	SIGMA=	2.2	PHAS=	-98.1	FOM=	0.75	TEST=	0
INDE	17	40	29	FOBS=	179.8	SIGMA=	1.2	PHAS=	153.4	FOM=	0.93	TEST=	0
INDE	17	40	31	FOBS=	36.6	SIGMA=	4.9	PHAS=	72.2	FOM=	0.51	TEST=	0
INDE	17	40	33	FOBS=	107.2	SIGMA=	1.7	PHAS=	56.2	FOM=	0.82	TEST=	0
INDE	17	40	35	FOBS=	78.1	SIGMA=	2.3	PHAS=	-173.8	FOM=	0.91	TEST=	0
INDE	17	40	37	FOBS=	145.8	SIGMA=	1.4	PHAS=	52.1	FOM=	0.89	TEST=	0
INDE	17	40	39	FOBS=	121.6	SIGMA=	2.0	PHAS=	-175.7	FOM=	0.89	TEST=	0
INDE	17	40	41	FOBS=	73.1	SIGMA=	3.2	PHAS=	-123.5	FOM=	0.79	TEST=	0
INDE	17	40	43	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	40	45	FOBS=	69.2	SIGMA=	3.3	PHAS=	-92.2	FOM=	0.76	TEST=	0
INDE	17	40	47	FOBS=	121.8	SIGMA=	1.9	PHAS=	146.2	FOM=	0.91	TEST=	0
INDE	17	40	49	FOBS=	56.5	SIGMA=	3.9	PHAS=	-64.8	FOM=	0.90	TEST=	0
INDE	17	40	51	FOBS=	27.0	SIGMA=	8.8	PHAS=	-13.9	FOM=	0.44	TEST=	0
INDE	17	40	53	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	17	40	55	FOBS=	81.9	SIGMA=	2.7	PHAS=	-81.0	FOM=	0.79	TEST=	0
INDE	17	40	57	FOBS=	44.1	SIGMA=	4.9	PHAS=	125.9	FOM=	0.40	TEST=	0
INDE	17	40	59	FOBS=	50.8	SIGMA=	4.3	PHAS=	117.4	FOM=	0.47	TEST=	0
INDE	17	40	61	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	40	63	FOBS=	61.1	SIGMA=	4.6	PHAS=	-10.3	FOM=	0.92	TEST=	0
INDE	17	41	18	FOBS=	148.4	SIGMA=	1.4	PHAS=	-131.5	FOM=	0.96	TEST=	0
INDE	17	41	20	FOBS=	144.4	SIGMA=	1.4	PHAS=	-22.4	FOM=	0.97	TEST=	0
INDE	17	41	22	FOBS=	180.9	SIGMA=	1.2	PHAS=	-9.9	FOM=	0.88	TEST=	0
INDE	17	41	24	FOBS=	270.7	SIGMA=	0.9	PHAS=	-17.6	FOM=	0.98	TEST=	0
INDE	17	41	26	FOBS=	156.6	SIGMA=	1.3	PHAS=	-155.7	FOM=	0.95	TEST=	0
INDE	17	41	28	FOBS=	37.1	SIGMA=	5.1	PHAS=	-71.7	FOM=	0.79	TEST=	0
INDE	17	41	30	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	41	32	FOBS=	67.2	SIGMA=	2.7	PHAS=	13.7	FOM=	0.74	TEST=	0
INDE	17	41	34	FOBS=	97.2	SIGMA=	2.0	PHAS=	-22.7	FOM=	0.94	TEST=	0
INDE	17	41	36	FOBS=	78.9	SIGMA=	2.6	PHAS=	110.7	FOM=	0.71	TEST=	0
INDE	17	41	38	FOBS=	140.2	SIGMA=	1.5	PHAS=	79.8	FOM=	0.94	TEST=	0
INDE	17	41	40	FOBS=	134.5	SIGMA=	1.8	PHAS=	135.1	FOM=	0.87	TEST=	0
INDE	17	41	42	FOBS=	116.0	SIGMA=	2.1	PHAS=	162.4	FOM=	0.94	TEST=	0
INDE	17	41	44	FOBS=	36.6	SIGMA=	6.7	PHAS=	29.6	FOM=	0.06	TEST=	0
INDE	17	41	46	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	41	48	FOBS=	137.0	SIGMA=	1.7	PHAS=	-160.1	FOM=	0.95	TEST=	0
INDE	17	41	50	FOBS=	21.2	SIGMA=	11.3	PHAS=	175.1	FOM=	0.46	TEST=	1
INDE	17	41	52	FOBS=	97.9	SIGMA=	2.3	PHAS=	-104.1	FOM=	0.86	TEST=	0
INDE	17	41	54	FOBS=	27.5	SIGMA=	7.9	PHAS=	-125.5	FOM=	0.36	TEST=	0
INDE	17	41	56	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	41	58	FOBS=	14.8	SIGMA=	17.9	PHAS=	135.3	FOM=	0.32	TEST=	0
INDE	17	41	60	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	17	41	62	FOBS=	17.7	SIGMA=	15.5	PHAS=	96.4	FOM=	0.07	TEST=	0
INDE	17	42	17	FOBS=	81.6	SIGMA=	2.4	PHAS=	-24.1	FOM=	0.83	TEST=	0
INDE	17	42	19	FOBS=	153.0	SIGMA=	1.4	PHAS=	-146.3	FOM=	0.92	TEST=	0
INDE	17	42	21	FOBS=	180.5	SIGMA=	1.2	PHAS=	-133.5	FOM=	0.89	TEST=	0
INDE	17	42	23	FOBS=	208.2	SIGMA=	1.0	PHAS=	-117.5	FOM=	0.96	TEST=	0
INDE	17	42	25	FOBS=	86.5	SIGMA=	2.2	PHAS=	-147.6	FOM=	0.75	TEST=	0
INDE	17	42	27	FOBS=	100.4	SIGMA=	1.9	PHAS=	102.9	FOM=	0.84	TEST=	0
INDE	17	42	29	FOBS=	122.1	SIGMA=	1.6	PHAS=	127.8	FOM=	0.95	TEST=	0
INDE	17	42	31	FOBS=	185.0	SIGMA=	1.2	PHAS=	63.1	FOM=	0.88	TEST=	0
INDE	17	42	33	FOBS=	197.5	SIGMA=	1.1	PHAS=	16.8	FOM=	0.97	TEST=	0
INDE	17	42	35	FOBS=	92.8	SIGMA=	2.2	PHAS=	-72.1	FOM=	0.89	TEST=	0
INDE	17	42	37	FOBS=	86.1	SIGMA=	2.4	PHAS=	-13.5	FOM=	0.87	TEST=	0
INDE	17	42	39	FOBS=	64.5	SIGMA=	3.1	PHAS=	-57.5	FOM=	0.56	TEST=	0
INDE	17	42	41	FOBS=	170.6	SIGMA=	1.5	PHAS=	98.7	FOM=	0.96	TEST=	0
INDE	17	42	43	FOBS=	54.8	SIGMA=	4.2	PHAS=	67.1	FOM=	0.69	TEST=	0
INDE	17	42	45	FOBS=	46.5	SIGMA=	4.9	PHAS=	-172.1	FOM=	0.72	TEST=	0
INDE	17	42	47	FOBS=	73.6	SIGMA=	3.0	PHAS=	116.0	FOM=	0.41	TEST=	0
INDE	17	42	49	FOBS=	72.6	SIGMA=	3.1	PHAS=	104.6	FOM=	0.85	TEST=	0
INDE	17	42	51	FOBS=	99.4	SIGMA=	2.3	PHAS=	150.1	FOM=	0.86	TEST=	0
INDE	17	42	53	FOBS=	6.3	SIGMA=	34.5	PHAS=	112.8	FOM=	0.10	TEST=	0
INDE	17	42	55	FOBS=	0.0	SIGMA=	22.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	42	57	FOBS=	26.2	SIGMA=	8.3	PHAS=	-65.7	FOM=	0.47	TEST=	0
INDE	17	42	59	FOBS=	15.8	SIGMA=	15.0	PHAS=	23.8	FOM=	0.19	TEST=	0
INDE	17	42	61	FOBS=	94.7	SIGMA=	3.0	PHAS=	-28.7	FOM=	0.89	TEST=	0
INDE	17	42	63	FOBS=	54.0	SIGMA=	5.4	PHAS=	-60.5	FOM=	0.76	TEST=	0
INDE	17	43	18	FOBS=	248.6	SIGMA=	0.9	PHAS=	-159.0	FOM=	0.95	TEST=	0
INDE	17	43	20	FOBS=	212.4	SIGMA=	1.1	PHAS=	96.1	FOM=	0.88	TEST=	0
INDE	17	43	22	FOBS=	52.1	SIGMA=	4.2	PHAS=	-5.5	FOM=	0.19	TEST=	0
INDE	17	43	24	FOBS=	161.5	SIGMA=	1.3	PHAS=	-47.3	FOM=	0.93	TEST=	0
INDE	17	43	26	FOBS=	92.2	SIGMA=	2.4	PHAS=	139.9	FOM=	0.86	TEST=	0
INDE	17	43	28	FOBS=	110.3	SIGMA=	2.1	PHAS=	7.7	FOM=	0.86	TEST=	0
INDE	17	43	30	FOBS=	200.6	SIGMA=	1.1	PHAS=	-57.1	FOM=	0.94	TEST=	0
INDE	17	43	32	FOBS=	269.8	SIGMA=	1.0	PHAS=	-36.4	FOM=	0.96	TEST=	0
INDE	17	43	34	FOBS=	103.5	SIGMA=	2.0	PHAS=	-89.2	FOM=	0.91	TEST=	0
INDE	17	43	36	FOBS=	147.4	SIGMA=	1.3	PHAS=	166.3	FOM=	0.92	TEST=	0
INDE	17	43	38	FOBS=	56.3	SIGMA=	3.8	PHAS=	175.4	FOM=	0.14	TEST=	1
INDE	17	43	40	FOBS=	62.8	SIGMA=	3.2	PHAS=	-9.2	FOM=	0.81	TEST=	0
INDE	17	43	42	FOBS=	77.3	SIGMA=	3.0	PHAS=	11.9	FOM=	0.83	TEST=	0
INDE	17	43	44	FOBS=	15.6	SIGMA=	16.5	PHAS=	121.6	FOM=	0.20	TEST=	0
INDE	17	43	46	FOBS=	47.0	SIGMA=	4.8	PHAS=	90.5	FOM=	0.05	TEST=	1
INDE	17	43	48	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	43	50	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	43	52	FOBS=	57.9	SIGMA=	3.8	PHAS=	-59.5	FOM=	0.63	TEST=	0

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INDE	17	43	54	FOBS=	25.6	SIGMA=	10.9	PHAS=	-106.2	FOM=	0.46	TEST=	0
INDE	17	43	56	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	43	58	FOBS=	13.1	SIGMA=	20.7	PHAS=	168.0	FOM=	0.30	TEST=	0
INDE	17	43	60	FOBS=	63.7	SIGMA=	4.4	PHAS=	-129.7	FOM=	0.83	TEST=	0
INDE	17	43	62	FOBS=	95.1	SIGMA=	3.1	PHAS=	-145.2	FOM=	0.43	TEST=	0
INDE	17	44	17	FOBS=	29.4	SIGMA=	8.0	PHAS=	22.9	FOM=	0.12	TEST=	0
INDE	17	44	19	FOBS=	16.6	SIGMA=	13.0	PHAS=	-24.3	FOM=	0.03	TEST=	1
INDE	17	44	21	FOBS=	85.2	SIGMA=	2.6	PHAS=	53.6	FOM=	0.45	TEST=	0
INDE	17	44	23	FOBS=	141.9	SIGMA=	1.6	PHAS=	-162.9	FOM=	0.80	TEST=	0
INDE	17	44	25	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	44	27	FOBS=	115.7	SIGMA=	2.0	PHAS=	81.0	FOM=	0.89	TEST=	0
INDE	17	44	29	FOBS=	200.5	SIGMA=	1.2	PHAS=	-124.0	FOM=	0.96	TEST=	0
INDE	17	44	31	FOBS=	167.7	SIGMA=	1.3	PHAS=	-86.1	FOM=	0.93	TEST=	0
INDE	17	44	33	FOBS=	55.8	SIGMA=	3.9	PHAS=	-147.0	FOM=	0.86	TEST=	0
INDE	17	44	35	FOBS=	111.9	SIGMA=	1.9	PHAS=	-28.7	FOM=	0.55	TEST=	0
INDE	17	44	37	FOBS=	102.3	SIGMA=	1.7	PHAS=	89.0	FOM=	0.81	TEST=	0
INDE	17	44	39	FOBS=	38.3	SIGMA=	5.2	PHAS=	84.9	FOM=	0.74	TEST=	0
INDE	17	44	41	FOBS=	49.4	SIGMA=	4.2	PHAS=	-91.7	FOM=	0.51	TEST=	0
INDE	17	44	43	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	44	45	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	44	47	FOBS=	78.2	SIGMA=	2.9	PHAS=	26.0	FOM=	0.70	TEST=	0
INDE	17	44	49	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	44	51	FOBS=	16.3	SIGMA=	14.8	PHAS=	-132.8	FOM=	0.18	TEST=	0
INDE	17	44	53	FOBS=	23.2	SIGMA=	10.6	PHAS=	-51.4	FOM=	0.06	TEST=	0
INDE	17	44	55	FOBS=	50.0	SIGMA=	4.4	PHAS=	15.6	FOM=	0.56	TEST=	0
INDE	17	44	57	FOBS=	59.6	SIGMA=	3.7	PHAS=	-56.0	FOM=	0.81	TEST=	0
INDE	17	44	59	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	44	61	FOBS=	39.6	SIGMA=	7.1	PHAS=	10.7	FOM=	0.02	TEST=	1
INDE	17	45	18	FOBS=	208.5	SIGMA=	1.2	PHAS=	-142.4	FOM=	0.94	TEST=	0
INDE	17	45	20	FOBS=	83.0	SIGMA=	2.8	PHAS=	124.8	FOM=	0.76	TEST=	0
INDE	17	45	22	FOBS=	148.7	SIGMA=	1.5	PHAS=	35.9	FOM=	0.88	TEST=	0
INDE	17	45	24	FOBS=	172.0	SIGMA=	1.4	PHAS=	-35.6	FOM=	0.90	TEST=	0
INDE	17	45	26	FOBS=	87.5	SIGMA=	2.5	PHAS=	59.6	FOM=	0.62	TEST=	0
INDE	17	45	28	FOBS=	75.7	SIGMA=	2.9	PHAS=	-124.7	FOM=	0.49	TEST=	0
INDE	17	45	30	FOBS=	161.8	SIGMA=	1.8	PHAS=	-103.0	FOM=	0.95	TEST=	1
INDE	17	45	32	FOBS=	102.8	SIGMA=	2.0	PHAS=	70.3	FOM=	0.69	TEST=	1
INDE	17	45	34	FOBS=	86.9	SIGMA=	2.4	PHAS=	-133.7	FOM=	0.88	TEST=	0
INDE	17	45	36	FOBS=	64.7	SIGMA=	3.1	PHAS=	157.3	FOM=	0.83	TEST=	0
INDE	17	45	38	FOBS=	57.6	SIGMA=	3.0	PHAS=	-58.3	FOM=	0.80	TEST=	0
INDE	17	45	40	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	45	42	FOBS=	58.4	SIGMA=	3.6	PHAS=	-133.5	FOM=	0.35	TEST=	0
INDE	17	45	44	FOBS=	29.6	SIGMA=	8.4	PHAS=	-119.9	FOM=	0.57	TEST=	0
INDE	17	45	46	FOBS=	144.5	SIGMA=	1.7	PHAS=	-69.9	FOM=	0.94	TEST=	0
INDE	17	45	48	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	45	50	FOBS=	61.6	SIGMA=	3.6	PHAS=	-52.0	FOM=	0.51	TEST=	0
INDE	17	45	52	FOBS=	41.9	SIGMA=	5.3	PHAS=	-130.5	FOM=	0.38	TEST=	0
INDE	17	45	54	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	45	56	FOBS=	85.0	SIGMA=	2.6	PHAS=	-144.3	FOM=	0.93	TEST=	0
INDE	17	45	58	FOBS=	49.5	SIGMA=	4.6	PHAS=	26.3	FOM=	0.73	TEST=	0
INDE	17	45	60	FOBS=	78.8	SIGMA=	3.6	PHAS=	-60.0	FOM=	0.90	TEST=	0
INDE	17	46	17	FOBS=	160.5	SIGMA=	1.4	PHAS=	-121.9	FOM=	0.93	TEST=	0
INDE	17	46	19	FOBS=	174.7	SIGMA=	1.3	PHAS=	113.7	FOM=	0.85	TEST=	0
INDE	17	46	21	FOBS=	205.3	SIGMA=	1.2	PHAS=	80.9	FOM=	0.95	TEST=	0
INDE	17	46	23	FOBS=	194.2	SIGMA=	1.2	PHAS=	-90.5	FOM=	0.96	TEST=	0
INDE	17	46	25	FOBS=	58.7	SIGMA=	3.7	PHAS=	-52.0	FOM=	0.53	TEST=	0
INDE	17	46	27	FOBS=	51.0	SIGMA=	4.2	PHAS=	16.3	FOM=	0.32	TEST=	0
INDE	17	46	29	FOBS=	205.1	SIGMA=	1.2	PHAS=	-163.2	FOM=	0.78	TEST=	0
INDE	17	46	31	FOBS=	111.0	SIGMA=	2.0	PHAS=	12.7	FOM=	0.41	TEST=	1
INDE	17	46	33	FOBS=	76.0	SIGMA=	2.7	PHAS=	82.0	FOM=	0.50	TEST=	0
INDE	17	46	35	FOBS=	145.2	SIGMA=	1.5	PHAS=	55.8	FOM=	0.88	TEST=	0
INDE	17	46	37	FOBS=	107.8	SIGMA=	1.8	PHAS=	77.7	FOM=	0.89	TEST=	0
INDE	17	46	39	FOBS=	83.2	SIGMA=	2.1	PHAS=	164.8	FOM=	0.69	TEST=	1
INDE	17	46	41	FOBS=	54.7	SIGMA=	3.6	PHAS=	92.0	FOM=	0.42	TEST=	1
INDE	17	46	43	FOBS=	13.7	SIGMA=	16.8	PHAS=	48.9	FOM=	0.08	TEST=	0
INDE	17	46	45	FOBS=	93.5	SIGMA=	2.5	PHAS=	-175.3	FOM=	0.94	TEST=	0
INDE	17	46	47	FOBS=	40.9	SIGMA=	5.5	PHAS=	74.5	FOM=	0.68	TEST=	0
INDE	17	46	49	FOBS=	33.7	SIGMA=	7.0	PHAS=	161.4	FOM=	0.60	TEST=	0
INDE	17	46	51	FOBS=	57.3	SIGMA=	3.9	PHAS=	-140.8	FOM=	0.64	TEST=	0
INDE	17	46	53	FOBS=	46.6	SIGMA=	4.8	PHAS=	165.7	FOM=	0.52	TEST=	0
INDE	17	46	55	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	17	46	57	FOBS=	37.8	SIGMA=	5.9	PHAS=	-59.0	FOM=	0.62	TEST=	0
INDE	17	46	59	FOBS=	73.8	SIGMA=	3.9	PHAS=	-112.1	FOM=	0.88	TEST=	0
INDE	17	47	18	FOBS=	51.3	SIGMA=	4.1	PHAS=	-7.3	FOM=	0.14	TEST=	1
INDE	17	47	20	FOBS=	128.3	SIGMA=	1.9	PHAS=	31.5	FOM=	0.92	TEST=	0
INDE	17	47	22	FOBS=	57.9	SIGMA=	3.7	PHAS=	-93.8	FOM=	0.85	TEST=	0
INDE	17	47	24	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	47	26	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	47	28	FOBS=	211.3	SIGMA=	1.2	PHAS=	-86.4	FOM=	0.95	TEST=	0
INDE	17	47	30	FOBS=	145.5	SIGMA=	1.6	PHAS=	38.7	FOM=	0.87	TEST=	0
INDE	17	47	32	FOBS=	93.6	SIGMA=	2.2	PHAS=	-126.3	FOM=	0.29	TEST=	1
INDE	17	47	34	FOBS=	158.0	SIGMA=	1.4	PHAS=	-151.1	FOM=	0.94	TEST=	0
INDE	17	47	36	FOBS=	105.1	SIGMA=	2.0	PHAS=	-37.7	FOM=	0.51	TEST=	1
INDE	17	47	38	FOBS=	85.1	SIGMA=	2.2	PHAS=	23.1	FOM=	0.88	TEST=	0
INDE	17	47	40	FOBS=	42.3	SIGMA=	4.0	PHAS=	145.4	FOM=	0.74	TEST=	0
INDE	17	47	42	FOBS=	32.2	SIGMA=	6.1	PHAS=	0.6	FOM=	0.58	TEST=	0
INDE	17	47	44	FOBS=	17.3	SIGMA=	20.3	PHAS=	33.1	FOM=	0.14	TEST=	0
INDE	17	47	46	FOBS=	74.0	SIGMA=	3.1	PHAS=	-2.3	FOM=	0.87	TEST=	0
INDE	17	47	48	FOBS=	33.6	SIGMA=	7.2	PHAS=	153.5	FOM=	0.20	TEST=	1
INDE	17	47	50	FOBS=	69.1	SIGMA=	3.3	PHAS=	44.9	FOM=	0.60	TEST=	0
INDE	17	47	52	FOBS=	44.6	SIGMA=	5.0	PHAS=	81.9	FOM=	0.07	TEST=	1
INDE	17	47	54	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	47	56	FOBS=	92.9	SIGMA=	2.5	PHAS=	-174.8	FOM=	0.86	TEST=	0
INDE	17	47	58	FOBS=	51.2	SIGMA=	5.5	PHAS=	128.0	FOM=	0.67	TEST=	0
INDE	17	48	17	FOBS=	182.3	SIGMA=	1.3	PHAS=	-114.0	FOM=	0.93	TEST=	0
INDE	17	48	19	FOBS=	148.2	SIGMA=	1.5	PHAS=	43.4	FOM=	0.95	TEST=	0
INDE	17	48	21	FOBS=	166.6	SIGMA=	1.4	PHAS=	96.0	FOM=	0.94	TEST=	0
INDE	17	48	23	FOBS=	73.0	SIGMA=	2.9	PHAS=	-109.2	FOM=	0.95	TEST=	0
INDE	17	48	25	FOBS=	18.1	SIGMA=	13.0	PHAS=	15.8	FOM=	0.06	TEST=	0
INDE	17	48	27	FOBS=	104.9	SIGMA=	2.1	PHAS=	-167.2	FOM=	0.26	TEST=	0
INDE	17	48	29	FOBS=	144.0	SIGMA=	1.6	PHAS=	-170.7	FOM=	0.95	TEST=	0
INDE	17	48	31	FOBS=	101.5	SIGMA=	2.2	PHAS=	-39.4	FOM=	0.92	TEST=	0
INDE	17	48	33	FOBS=	46.3	SIGMA=	4.7	PHAS=	-128.1	FOM=	0.67	TEST=	1
INDE	17	48	35	FOBS=	60.3	SIGMA=	3.4	PHAS=	114.4	FOM=	0.88	TEST=	0
INDE	17	48	37	FOBS=	77.9	SIGMA=	2.6	PHAS=	-64.8	FOM=	0.82	TEST=	0
INDE	17	48	39	FOBS=	19.0	SIGMA=	10.8	PHAS=	50.4	FOM=	0.13	TEST=	0
INDE	17	48	41	FOBS=	51.9	SIGMA=	3.3	PHAS=	65.7	FOM=	0.32	TEST=	0
INDE	17	48	43	FOBS=	29.1	SIGMA=	6.8	PHAS=	97.6	FOM=	0.46	TEST=	0
INDE	17	48	45	FOBS=	112.3	SIGMA=	2.1	PHAS=	-121.4	FOM=	0.94	TEST=	0
INDE	17	48	47	FOBS=	98.9	SIGMA=	2.3	PHAS=	81.9	FOM=	0.93	TEST=	0
INDE	17	48	49	FOBS=	112.8	SIGMA=	2.1	PHAS=	-19.6	FOM=	0.90	TEST=	0
INDE	17	48	51	FOBS=	59.3	SIGMA=	3.8	PHAS=	-87.6	FOM=	0.23	TEST=	1
INDE	17	48	53	FOBS=	25.5	SIGMA=	9.6	PHAS=	18.9	FOM=	0.67	TEST=	0
INDE	17	48	55	FOBS=	35.1	SIGMA=	7.9	PHAS=	118.3	FOM=	0.20	TEST=	1
INDE	17	48	57	FOBS=	70.3	SIGMA=	4.0	PHAS=	115.7	FOM=	0.87	TEST=	0
INDE	17	49	18	FOBS=	134.0	SIGMA=	1.6	PHAS=	-19.9	FOM=	0.83	TEST=	0
INDE	17	49	20	FOBS=	55.7	SIGMA=	3.7	PHAS=	-16.4	FOM=	0.78	TEST=	0
INDE	17	49	22	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	49	24	FOBS=	66.7	SIGMA=	3.5	PHAS=	76.7	FOM=	0.89	TEST=	0
INDE	17	49	26	FOBS=	152.1	SIGMA=	1.5	PHAS=	-37.7	FOM=	0.83	TEST=	0
INDE	17	49	28	FOBS=	148.1	SIGMA=	1.5	PHAS=	47.6	FOM=	0.93	TEST=	0
INDE	17	49	30	FOBS=	157.5	SIGMA=	1.5	PHAS=	29.4	FOM=	0.91	TEST=	0
INDE	17	49	32	FOBS=	182.5	SIGMA=	1.3	PHAS=	-141.9	FOM=	0.98	TEST=	0
INDE	17	49	34	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	49	36	FOBS=	54.2	SIGMA=	3.7	PHAS=	-166.1	FOM=	0.35	TEST=	0
INDE	17	49	38	FOBS=	32.8	SIGMA=	5.8	PHAS=	-64.4	FOM=	0.73	TEST=	0
INDE	17	49	40	FOBS=	34.8	SIGMA=	5.2	PHAS=	-53.7	FOM=	0.48	TEST=	0
INDE	17	49	42	FOBS=	37.7	SIGMA=	4.5	PHAS=	-21.4	FOM=	0.56	TEST=	0
INDE	17	49	44	FOBS=	69.5	SIGMA=	2.9	PHAS=	-112.9	FOM=	0.59	TEST=	0
INDE	17	49	46	FOBS=	62.7	SIGMA=	3.7	PHAS=	-3.2	FOM=	0.51	TEST=	0
INDE	17	49	48	FOBS=	51.7	SIGMA=	4.4	PHAS=	-43.4	FOM=	0.66	TEST=	0
INDE	17	49	50	FOBS=	11.7	SIGMA=	19.3	PHAS=	-105.4	FOM=	0.16	TEST=	0
INDE	17	49	52	FOBS=	59.4	SIGMA=	3.9	PHAS=	-85.7	FOM=	0.85	TEST=	0
INDE	17	49	54	FOBS=	64.8	SIGMA=	3.6	PHAS=	-82.3	FOM=	0.25	TEST=	1
INDE	17	49	56	FOBS=	39.6	SIGMA=	7.1	PHAS=	29.8	FOM=	0.87	TEST=	0
INDE	17	50	17	FOBS=	79.4	SIGMA=	3.5	PHAS=	-6.9	FOM=	0.50	TEST=	1
INDE	17	50	19	FOBS=	112.4	SIGMA=	1.9	PHAS=	-16.7	FOM=	0.90	TEST=	0
INDE	17	50	21	FOBS=	133.3	SIGMA=	1.8	PHAS=	138.4	FOM=	0.41	TEST=	1
INDE	17	50	23	FOBS=	67.3	SIGMA=	3.2	PHAS=	-106.8	FOM=	0.58	TEST=	0
INDE	17	50	25	FOBS=	121.0	SIGMA=	1.8	PHAS=	-109.1	FOM=	0.93	TEST=	0
INDE	17	50	27	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	17	50	29	FOBS=	35.7	SIGMA=	6.5	PHAS=	-79.0	FOM=	0.59	TEST=	0
INDE	17	50	31	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	50	33	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	50	35	FOBS=	57.8	SIGMA=	3.5	PHAS=	117.3	FOM=	0.77	TEST=	0
INDE	17	50	37	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	50	39	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	50	41	FOBS=	30.6	SIGMA=	5.6	PHAS=	165.4	FOM=	0.35	TEST=	0
INDE	17	50	43	FOBS=	82.7	SIGMA=	2.1	PHAS=	168.8	FOM=	0.79	TEST=	0
INDE	17	50	45	FOBS=	35.5	SIGMA=	5.6	PHAS=	11.2	FOM=	0.35	TEST=	0
INDE	17	50	47	FOBS=	36.5	SIGMA=	6.9	PHAS=	153.2	FOM=	0.64	TEST=	0
INDE	17	50	49	FOBS=	32.9	SIGMA=	6.9	PHAS=	-69.3	FOM=	0.44	TEST=	0
INDE	17	50	51	FOBS=	16.9	SIGMA=	24.6	PHAS=	168.8	FOM=	0.37	TEST=	0
INDE	17	50	53	FOBS=	48.0	SIGMA=	5.2	PHAS=	-45.2	FOM=	0.34	TEST=	0
INDE	17	50	55	FOBS=	109.2	SIGMA=	2.7	PHAS=	-81.9	FOM=	0.95	TEST=	0
INDE	17	50	57	FOBS=	44.2	SIGMA=	7.5	PHAS=	138.4	FOM=	0.22	TEST=	0
INDE	17	51	18	FOBS=	104.2	SIGMA=	2.6	PHAS=	-61.9	FOM=	0.93	TEST=	0
INDE	17	51	20	FOBS=	174.0	SIGMA=	1.3	PHAS=	-121.0	FOM=	0.93	TEST=	0
INDE	17	51	22	FOBS=	123.2	SIGMA=	1.8	PHAS=	113.4	FOM=	0.94	TEST=	0
INDE	17	51	24	FOBS=	145.3	SIGMA=	1.6	PHAS=	134.7	FOM=	0.93	TEST=	0
INDE	17	51	26	FOBS=	87.8	SIGMA=	2.5	PHAS=	76.5	FOM=	0.82	TEST=	0
INDE	17	51	28	FOBS=	98.2	SIGMA=	2.2	PHAS=	61.5	FOM=	0.90	TEST=	0
INDE	17	51	30	FOBS=	142.4	SIGMA=	1.6	PHAS=	86.0	FOM=	0.91	TEST=	0
INDE	17	51	32	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	51	34	FOBS=	91.4	SIGMA=	2.2	PHAS=	-19.1	FOM=	0.90	TEST=	0
INDE	17	51	36	FOBS=	77.0	SIGMA=	2.6	PHAS=	66.2	FOM=	0.85	TEST=	0
INDE	17	51	38	FOBS=	49.4	SIGMA=	4.1	PHAS=	-10.2	FOM=	0.75	TEST=	0
INDE	17	51	40	FOBS=	119.1	SIGMA=	1.6	PHAS=	-27.7	FOM=	0.91	TEST=	0
INDE	17	51	42	FOBS=	38.1	SIGMA=	5.0	PHAS=	125.4	FOM=	0.55	TEST=	0
INDE	17	51	44	FOBS=	68.6	SIGMA=	2.6	PHAS=	-109.1	FOM=	0.56	TEST=	0
INDE	17	51	46	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	51	48	FOBS=	44.0	SIGMA=	5.3	PHAS=	62.9	FOM=	0.25	TEST=	0
INDE	17	51	50	FOBS=	43.5	SIGMA=	5.4	PHAS=	147.2	FOM=	0.19	TEST=	0
INDE	17	51	52	FOBS=	34.9	SIGMA=	6.6	PHAS=	-35.7	FOM=	0.47	TEST=	0
INDE	17	51	54	FOBS=	31.3	SIGMA=	10.3	PHAS=	153.4	FOM=	0.00	TEST=	1
INDE	17	51	56	FOBS=	70.3	SIGMA=	5.0	PHAS=	157.4	FOM=	0.67	TEST=	0
INDE	17	52	17	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	52	19	FOBS=	41.1	SIGMA=	5.0	PHAS=	-73.7	FOM=	0.23	TEST=	0
INDE	17	52	21	FOBS=	33.5	SIGMA=	6.5	PHAS=	-136.3	FOM=	0.34	TEST=	0
INDE	17	52	23	FOBS=	105.2	SIGMA=	2.0	PHAS=	-38.6	FOM=	0.94	TEST=	0
INDE	17	52	25	FOBS=	112.9	SIGMA=	1.9	PHAS=	-25.2	FOM=	0.92	TEST=	0
INDE	17	52	27	FOBS=	56.1	SIGMA=	3.8	PHAS=	25.6	FOM=	0.68	TEST=	0
INDE	17	52	29	FOBS=	95.7	SIGMA=	2.2	PHAS=	22.8	FOM=	0.66	TEST=	0
INDE	17	52	31	FOBS=	43.5	SIGMA=	4.8	PHAS=	-0.9	FOM=	0.83	TEST=	0
INDE	17	52	33	FOBS=	45.3	SIGMA=	4.6	PHAS=	-85.7	FOM=	0.54	TEST=	0
INDE	17	52	35	FOBS=	52.6	SIGMA=	3.8	PHAS=	-138.8	FOM=	0.87	TEST=	0
INDE	17	52	37	FOBS=	46.1	SIGMA=	4.3	PHAS=	9.6	FOM=	0.26	TEST=	0
INDE	17	52	39	FOBS=	95.5	SIGMA=	2.0	PHAS=	-131.3	FOM=	0.92	TEST=	0
INDE	17	52	41	FOBS=	36.3	SIGMA=	5.2	PHAS=	51.9	FOM=	0.13	TEST=	0
INDE	17	52	43	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	52	45	FOBS=	44.7	SIGMA=	3.9	PHAS=	-8.1	FOM=	0.50	TEST=	0
INDE	17	52	47	FOBS=	78.7	SIGMA=	2.6	PHAS=	45.6	FOM=	0.42	TEST=	1
INDE	17	52	49	FOBS=	61.8	SIGMA=	3.8	PHAS=	-142.8	FOM=	0.04	TEST=	1
INDE	17	52	51	FOBS=	0.0	SIGMA=	24.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	52	53	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	52	55	FOBS=	0.0	SIGMA=	30.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	17	53	18	FOBS=	120.8	SIGMA=	2.3	PHAS=	177.0	FOM=	0.93	TEST=	0
INDE	17	53	20	FOBS=	76.2	SIGMA=	2.7	PHAS=	125.4	FOM=	0.87	TEST=	0
INDE	17	53	22	FOBS=	98.0	SIGMA=	2.2	PHAS=	162.8	FOM=	0.89	TEST=	0
INDE	17	53	24	FOBS=	68.2	SIGMA=	3.1	PHAS=	73.9	FOM=	0.04	TEST=	1
INDE	17	53	26	FOBS=	53.5	SIGMA=	3.9	PHAS=	74.6	FOM=	0.57	TEST=	0
INDE	17	53	28	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	53	30	FOBS=	29.4	SIGMA=	7.1	PHAS=	-8.3	FOM=	0.30	TEST=	0
INDE	17	53	32	FOBS=	29.6	SIGMA=	7.0	PHAS=	-13.8	FOM=	0.16	TEST=	0
INDE	17	53	34	FOBS=	14.6	SIGMA=	14.2	PHAS=	-22.3	FOM=	0.18	TEST=	0
INDE	17	53	36	FOBS=	117.1	SIGMA=	1.8	PHAS=	43.0	FOM=	0.94	TEST=	0
INDE	17	53	38	FOBS=	44.7	SIGMA=	4.5	PHAS=	138.3	FOM=	0.55	TEST=	0
INDE	17	53	40	FOBS=	64.8	SIGMA=	2.9	PHAS=	-10.9	FOM=	0.83	TEST=	0
INDE	17	53	42	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	53	44	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	53	46	FOBS=	59.8	SIGMA=	3.2	PHAS=	-69.0	FOM=	0.87	TEST=	0

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INDE 17 53 48 FOBS= 49.9 SIGMA= 4.5 PHAS= -76.2 FOM= 0.69 TEST= 0
INDE 17 53 50 FOBS= 89.1 SIGMA= 3.1 PHAS= -119.5 FOM= 0.90 TEST= 0
INDE 17 53 52 FOBS= 0.0 SIGMA= 30.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 17 53 54 FOBS= 0.0 SIGMA= 30.3 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 17 54 17 FOBS= 105.7 SIGMA= 2.1 PHAS= 50.1 FOM= 0.95 TEST= 0
INDE 17 54 19 FOBS= 90.4 SIGMA= 2.9 PHAS= 113.4 FOM= 0.89 TEST= 0
INDE 17 54 21 FOBS= 162.6 SIGMA= 1.5 PHAS= 13.7 FOM= 0.96 TEST= 0
INDE 17 54 23 FOBS= 99.3 SIGMA= 2.1 PHAS= -53.7 FOM= 0.72 TEST= 0
INDE 17 54 25 FOBS= 49.5 SIGMA= 4.2 PHAS= -75.7 FOM= 0.66 TEST= 0
INDE 17 54 27 FOBS= 113.1 SIGMA= 1.9 PHAS= 79.3 FOM= 0.93 TEST= 0
INDE 17 54 29 FOBS= 22.7 SIGMA= 9.2 PHAS= -92.1 FOM= 0.19 TEST= 0
INDE 17 54 31 FOBS= 0.0 SIGMA= 21.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 17 54 33 FOBS= 39.3 SIGMA= 5.3 PHAS= -11.1 FOM= 0.44 TEST= 0
INDE 17 54 35 FOBS= 89.3 SIGMA= 2.4 PHAS= -63.0 FOM= 0.93 TEST= 0
INDE 17 54 37 FOBS= 67.6 SIGMA= 3.0 PHAS= 31.7 FOM= 0.90 TEST= 0
INDE 17 54 39 FOBS= 61.1 SIGMA= 3.3 PHAS= 125.4 FOM= 0.83 TEST= 0
INDE 17 54 41 FOBS= 38.4 SIGMA= 5.7 PHAS= -75.3 FOM= 0.39 TEST= 0
INDE 17 54 43 FOBS= 0.0 SIGMA= 19.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 17 54 45 FOBS= 78.6 SIGMA= 2.5 PHAS= 155.7 FOM= 0.84 TEST= 0
INDE 17 54 47 FOBS= 35.7 SIGMA= 6.7 PHAS= 152.6 FOM= 0.75 TEST= 0
INDE 17 54 49 FOBS= 148.4 SIGMA= 1.8 PHAS= 137.8 FOM= 0.97 TEST= 0
INDE 17 54 51 FOBS= 0.0 SIGMA= 30.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 17 54 53 FOBS= 64.7 SIGMA= 7.5 PHAS= 93.6 FOM= 0.72 TEST= 0
INDE 17 55 18 FOBS= 51.3 SIGMA= 5.1 PHAS= 133.1 FOM= 0.35 TEST= 0
INDE 17 55 20 FOBS= 79.1 SIGMA= 2.6 PHAS= 149.4 FOM= 0.12 TEST= 1
INDE 17 55 22 FOBS= 110.5 SIGMA= 2.1 PHAS= -29.9 FOM= 0.89 TEST= 0
INDE 17 55 24 FOBS= 14.9 SIGMA= 14.8 PHAS= 118.3 FOM= 0.05 TEST= 0
INDE 17 55 26 FOBS= 30.9 SIGMA= 7.3 PHAS= 75.7 FOM= 0.17 TEST= 0
INDE 17 55 28 FOBS= 76.5 SIGMA= 2.8 PHAS= -1.6 FOM= 0.79 TEST= 0
INDE 17 55 30 FOBS= 73.7 SIGMA= 2.8 PHAS= -12.2 FOM= 0.70 TEST= 0
INDE 17 55 32 FOBS= 51.4 SIGMA= 4.4 PHAS= -105.3 FOM= 0.53 TEST= 0
INDE 17 55 34 FOBS= 83.2 SIGMA= 2.6 PHAS= -149.7 FOM= 0.79 TEST= 0
INDE 17 55 36 FOBS= 168.0 SIGMA= 1.3 PHAS= -17.1 FOM= 0.98 TEST= 0
INDE 17 55 38 FOBS= 140.0 SIGMA= 1.7 PHAS= -9.4 FOM= 0.96 TEST= 0
INDE 17 55 40 FOBS= 44.0 SIGMA= 4.7 PHAS= 29.2 FOM= 0.41 TEST= 0
INDE 17 55 42 FOBS= 43.3 SIGMA= 5.4 PHAS= -122.0 FOM= 0.12 TEST= 1
INDE 17 55 44 FOBS= 58.2 SIGMA= 3.5 PHAS= 89.9 FOM= 0.85 TEST= 0
INDE 17 55 46 FOBS= 69.5 SIGMA= 3.0 PHAS= 24.8 FOM= 0.86 TEST= 0
INDE 17 55 48 FOBS= 53.0 SIGMA= 4.4 PHAS= 44.3 FOM= 0.87 TEST= 0
INDE 17 55 50 FOBS= 0.0 SIGMA= 25.2 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 17 55 52 FOBS= 96.0 SIGMA= 5.0 PHAS= -12.9 FOM= 0.91 TEST= 0
INDE 17 56 17 FOBS= 94.7 SIGMA= 2.0 PHAS= 106.0 FOM= 0.87 TEST= 0
INDE 17 56 19 FOBS= 0.0 SIGMA= 22.7 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 17 56 21 FOBS= 76.0 SIGMA= 2.7 PHAS= -47.4 FOM= 0.82 TEST= 0
INDE 17 56 23 FOBS= 128.8 SIGMA= 1.7 PHAS= -95.1 FOM= 0.95 TEST= 0
INDE 17 56 25 FOBS= 84.5 SIGMA= 2.5 PHAS= -137.4 FOM= 0.27 TEST= 1
INDE 17 56 27 FOBS= 24.3 SIGMA= 9.3 PHAS= 178.9 FOM= 0.10 TEST= 0
INDE 17 56 29 FOBS= 36.2 SIGMA= 7.0 PHAS= -117.0 FOM= 0.45 TEST= 0
INDE 17 56 31 FOBS= 0.0 SIGMA= 21.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 17 56 33 FOBS= 79.5 SIGMA= 3.0 PHAS= 110.6 FOM= 0.93 TEST= 0
INDE 17 56 35 FOBS= 132.8 SIGMA= 1.9 PHAS= -80.4 FOM= 0.97 TEST= 0
INDE 17 56 37 FOBS= 119.0 SIGMA= 2.1 PHAS= -93.2 FOM= 0.95 TEST= 0
INDE 17 56 39 FOBS= 46.0 SIGMA= 5.3 PHAS= 151.7 FOM= 0.75 TEST= 0
INDE 17 56 41 FOBS= 105.7 SIGMA= 2.2 PHAS= -17.0 FOM= 0.93 TEST= 0
INDE 17 56 43 FOBS= 112.3 SIGMA= 1.9 PHAS= 44.0 FOM= 0.95 TEST= 0
INDE 17 56 45 FOBS= 51.0 SIGMA= 4.0 PHAS= -178.0 FOM= 0.55 TEST= 0
INDE 17 56 47 FOBS= 0.0 SIGMA= 24.6 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 17 56 49 FOBS= 0.0 SIGMA= 23.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 17 56 51 FOBS= 48.0 SIGMA= 6.8 PHAS= -128.7 FOM= 0.79 TEST= 0
INDE 17 57 18 FOBS= 83.8 SIGMA= 3.1 PHAS= 12.5 FOM= 0.88 TEST= 0
INDE 17 57 20 FOBS= 71.6 SIGMA= 3.6 PHAS= 110.6 FOM= 0.65 TEST= 0
INDE 17 57 22 FOBS= 130.2 SIGMA= 1.7 PHAS= 160.7 FOM= 0.91 TEST= 0
INDE 17 57 24 FOBS= 129.1 SIGMA= 1.6 PHAS= 111.8 FOM= 0.94 TEST= 0
INDE 17 57 26 FOBS= 99.9 SIGMA= 2.1 PHAS= 95.1 FOM= 0.85 TEST= 0
INDE 17 57 28 FOBS= 38.7 SIGMA= 5.3 PHAS= 89.0 FOM= 0.12 TEST= 0
INDE 17 57 30 FOBS= 43.2 SIGMA= 5.3 PHAS= -35.8 FOM= 0.45 TEST= 0
INDE 17 57 32 FOBS= 71.1 SIGMA= 3.6 PHAS= -18.8 FOM= 0.90 TEST= 0
INDE 17 57 34 FOBS= 124.4 SIGMA= 2.2 PHAS= -140.1 FOM= 0.94 TEST= 0
INDE 17 57 36 FOBS= 38.6 SIGMA= 6.8 PHAS= -171.9 FOM= 0.57 TEST= 1
INDE 17 57 38 FOBS= 92.1 SIGMA= 2.7 PHAS= 32.4 FOM= 0.94 TEST= 0

INDE	17	57	40	FOBS=	49.2	SIGMA=	5.0	PHAS=	-16.4	FOM=	0.55	TEST=	0
INDE	17	57	42	FOBS=	97.1	SIGMA=	2.5	PHAS=	-36.6	FOM=	0.95	TEST=	0
INDE	17	57	44	FOBS=	44.0	SIGMA=	4.9	PHAS=	-2.6	FOM=	0.76	TEST=	0
INDE	17	57	46	FOBS=	51.4	SIGMA=	4.9	PHAS=	100.6	FOM=	0.70	TEST=	0
INDE	17	57	48	FOBS=	88.0	SIGMA=	3.2	PHAS=	125.1	FOM=	0.03	TEST=	1
INDE	17	57	50	FOBS=	21.3	SIGMA=	20.7	PHAS=	79.8	FOM=	0.27	TEST=	0
INDE	17	58	17	FOBS=	86.2	SIGMA=	2.5	PHAS=	180.0	FOM=	0.95	TEST=	0
INDE	17	58	19	FOBS=	100.7	SIGMA=	2.6	PHAS=	-28.7	FOM=	0.92	TEST=	0
INDE	17	58	21	FOBS=	47.5	SIGMA=	5.4	PHAS=	-140.1	FOM=	0.78	TEST=	0
INDE	17	58	23	FOBS=	37.2	SIGMA=	5.7	PHAS=	27.4	FOM=	0.76	TEST=	0
INDE	17	58	25	FOBS=	151.4	SIGMA=	1.6	PHAS=	-81.6	FOM=	0.17	TEST=	1
INDE	17	58	27	FOBS=	97.2	SIGMA=	2.6	PHAS=	3.1	FOM=	0.89	TEST=	0
INDE	17	58	29	FOBS=	89.1	SIGMA=	2.9	PHAS=	84.0	FOM=	0.82	TEST=	0
INDE	17	58	31	FOBS=	87.6	SIGMA=	3.0	PHAS=	-153.6	FOM=	0.86	TEST=	0
INDE	17	58	33	FOBS=	80.7	SIGMA=	3.2	PHAS=	125.8	FOM=	0.77	TEST=	0
INDE	17	58	35	FOBS=	37.0	SIGMA=	7.0	PHAS=	148.6	FOM=	0.77	TEST=	0
INDE	17	58	37	FOBS=	27.9	SIGMA=	9.6	PHAS=	-35.4	FOM=	0.29	TEST=	0
INDE	17	58	39	FOBS=	24.9	SIGMA=	9.8	PHAS=	-0.1	FOM=	0.19	TEST=	0
INDE	17	58	41	FOBS=	55.1	SIGMA=	4.6	PHAS=	-56.9	FOM=	0.75	TEST=	0
INDE	17	58	43	FOBS=	8.6	SIGMA=	25.2	PHAS=	152.5	FOM=	0.05	TEST=	0
INDE	17	58	45	FOBS=	55.2	SIGMA=	3.8	PHAS=	-159.4	FOM=	0.89	TEST=	0
INDE	17	58	47	FOBS=	73.7	SIGMA=	3.8	PHAS=	86.4	FOM=	0.91	TEST=	0
INDE	17	59	18	FOBS=	50.6	SIGMA=	5.6	PHAS=	50.3	FOM=	0.68	TEST=	0
INDE	17	59	20	FOBS=	75.0	SIGMA=	3.9	PHAS=	164.5	FOM=	0.86	TEST=	0
INDE	17	59	22	FOBS=	54.8	SIGMA=	4.3	PHAS=	172.8	FOM=	0.63	TEST=	0
INDE	17	59	24	FOBS=	42.7	SIGMA=	5.6	PHAS=	-30.9	FOM=	0.70	TEST=	0
INDE	17	59	26	FOBS=	54.6	SIGMA=	4.4	PHAS=	-96.8	FOM=	0.85	TEST=	0
INDE	17	59	28	FOBS=	157.4	SIGMA=	1.7	PHAS=	-36.6	FOM=	0.95	TEST=	0
INDE	17	59	30	FOBS=	79.7	SIGMA=	3.3	PHAS=	35.5	FOM=	0.92	TEST=	0
INDE	17	59	32	FOBS=	49.4	SIGMA=	5.2	PHAS=	-65.8	FOM=	0.38	TEST=	0
INDE	17	59	34	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	59	36	FOBS=	41.5	SIGMA=	7.4	PHAS=	98.2	FOM=	0.62	TEST=	0
INDE	17	59	38	FOBS=	16.8	SIGMA=	18.3	PHAS=	123.4	FOM=	0.44	TEST=	0
INDE	17	59	40	FOBS=	117.4	SIGMA=	2.2	PHAS=	-17.6	FOM=	0.94	TEST=	0
INDE	17	59	42	FOBS=	53.1	SIGMA=	4.5	PHAS=	18.8	FOM=	0.71	TEST=	0
INDE	17	59	44	FOBS=	55.6	SIGMA=	3.8	PHAS=	99.5	FOM=	0.88	TEST=	0
INDE	17	59	46	FOBS=	104.4	SIGMA=	2.7	PHAS=	60.5	FOM=	0.96	TEST=	0
INDE	17	60	17	FOBS=	7.3	SIGMA=	30.9	PHAS=	51.7	FOM=	0.10	TEST=	0
INDE	17	60	19	FOBS=	31.2	SIGMA=	9.2	PHAS=	28.8	FOM=	0.81	TEST=	0
INDE	17	60	21	FOBS=	51.5	SIGMA=	6.7	PHAS=	174.2	FOM=	0.69	TEST=	0
INDE	17	60	23	FOBS=	42.7	SIGMA=	5.5	PHAS=	-132.7	FOM=	0.53	TEST=	0
INDE	17	60	25	FOBS=	15.0	SIGMA=	18.0	PHAS=	-16.9	FOM=	0.13	TEST=	0
INDE	17	60	27	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	60	29	FOBS=	70.2	SIGMA=	3.6	PHAS=	-122.7	FOM=	0.32	TEST=	1
INDE	17	60	31	FOBS=	40.6	SIGMA=	6.3	PHAS=	-155.9	FOM=	0.64	TEST=	0
INDE	17	60	33	FOBS=	0.0	SIGMA=	24.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	60	35	FOBS=	82.8	SIGMA=	3.3	PHAS=	-100.6	FOM=	0.84	TEST=	0
INDE	17	60	37	FOBS=	65.4	SIGMA=	4.2	PHAS=	33.4	FOM=	0.69	TEST=	0
INDE	17	60	39	FOBS=	53.6	SIGMA=	5.2	PHAS=	-44.4	FOM=	0.73	TEST=	0
INDE	17	60	41	FOBS=	36.6	SIGMA=	7.7	PHAS=	-155.2	FOM=	0.73	TEST=	0
INDE	17	60	43	FOBS=	32.0	SIGMA=	7.4	PHAS=	74.9	FOM=	0.58	TEST=	0
INDE	17	60	45	FOBS=	40.4	SIGMA=	6.9	PHAS=	-55.5	FOM=	0.80	TEST=	0
INDE	17	61	18	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	61	20	FOBS=	37.9	SIGMA=	9.0	PHAS=	-76.1	FOM=	0.24	TEST=	0
INDE	17	61	22	FOBS=	52.2	SIGMA=	6.6	PHAS=	28.8	FOM=	0.48	TEST=	0
INDE	17	61	24	FOBS=	13.8	SIGMA=	19.8	PHAS=	-178.6	FOM=	0.11	TEST=	0
INDE	17	61	26	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	61	28	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	17	61	30	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	61	32	FOBS=	54.1	SIGMA=	4.8	PHAS=	-83.9	FOM=	0.36	TEST=	0
INDE	17	61	34	FOBS=	123.3	SIGMA=	2.3	PHAS=	-124.3	FOM=	0.87	TEST=	0
INDE	17	61	36	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	61	38	FOBS=	80.3	SIGMA=	3.4	PHAS=	-123.5	FOM=	0.92	TEST=	0
INDE	17	61	40	FOBS=	55.8	SIGMA=	4.5	PHAS=	9.3	FOM=	0.78	TEST=	0
INDE	17	61	42	FOBS=	45.0	SIGMA=	6.4	PHAS=	34.7	FOM=	0.71	TEST=	0
INDE	17	61	44	FOBS=	53.1	SIGMA=	5.6	PHAS=	147.4	FOM=	0.62	TEST=	0
INDE	17	62	17	FOBS=	86.1	SIGMA=	2.9	PHAS=	144.2	FOM=	0.84	TEST=	0
INDE	17	62	19	FOBS=	33.3	SIGMA=	10.3	PHAS=	-154.7	FOM=	0.01	TEST=	1
INDE	17	62	21	FOBS=	6.6	SIGMA=	51.2	PHAS=	-124.7	FOM=	0.10	TEST=	0
INDE	17	62	23	FOBS=	51.8	SIGMA=	6.5	PHAS=	-144.0	FOM=	0.83	TEST=	0

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INDE	17	62	25	FOBS=	54.5	SIGMA=	4.4	PHAS=	-98.4	FOM=	0.55	TEST=	0
INDE	17	62	27	FOBS=	39.1	SIGMA=	6.2	PHAS=	18.9	FOM=	0.21	TEST=	0
INDE	17	62	29	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	17	62	31	FOBS=	23.0	SIGMA=	11.3	PHAS=	33.2	FOM=	0.08	TEST=	0
INDE	17	62	33	FOBS=	22.1	SIGMA=	12.0	PHAS=	156.5	FOM=	0.41	TEST=	0
INDE	17	62	35	FOBS=	34.8	SIGMA=	7.7	PHAS=	81.0	FOM=	0.36	TEST=	0
INDE	17	62	37	FOBS=	23.0	SIGMA=	13.3	PHAS=	-158.1	FOM=	0.39	TEST=	0
INDE	17	62	39	FOBS=	17.4	SIGMA=	15.9	PHAS=	107.5	FOM=	0.27	TEST=	0
INDE	17	62	41	FOBS=	46.0	SIGMA=	7.1	PHAS=	-174.1	FOM=	0.70	TEST=	0
INDE	17	62	43	FOBS=	45.4	SIGMA=	7.6	PHAS=	-147.5	FOM=	0.26	TEST=	0
INDE	17	63	18	FOBS=	58.8	SIGMA=	4.3	PHAS=	-14.3	FOM=	0.18	TEST=	0
INDE	17	63	20	FOBS=	82.1	SIGMA=	4.3	PHAS=	-169.0	FOM=	0.88	TEST=	0
INDE	17	63	22	FOBS=	15.5	SIGMA=	21.6	PHAS=	52.9	FOM=	0.12	TEST=	0
INDE	17	63	24	FOBS=	97.7	SIGMA=	2.9	PHAS=	113.0	FOM=	0.94	TEST=	0
INDE	17	63	26	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	63	28	FOBS=	39.0	SIGMA=	7.3	PHAS=	-37.8	FOM=	0.62	TEST=	0
INDE	17	63	30	FOBS=	74.5	SIGMA=	4.0	PHAS=	-43.1	FOM=	0.90	TEST=	0
INDE	17	63	32	FOBS=	66.5	SIGMA=	4.6	PHAS=	-119.4	FOM=	0.81	TEST=	0
INDE	17	63	34	FOBS=	39.3	SIGMA=	7.9	PHAS=	146.5	FOM=	0.50	TEST=	0
INDE	17	63	36	FOBS=	0.0	SIGMA=	24.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	17	63	38	FOBS=	34.4	SIGMA=	9.2	PHAS=	-56.4	FOM=	0.45	TEST=	0
INDE	17	63	40	FOBS=	50.7	SIGMA=	7.5	PHAS=	16.1	FOM=	0.78	TEST=	0
INDE	17	63	42	FOBS=	46.8	SIGMA=	8.5	PHAS=	102.0	FOM=	0.71	TEST=	0
INDE	17	64	17	FOBS=	102.0	SIGMA=	2.5	PHAS=	114.4	FOM=	0.81	TEST=	0
INDE	17	64	19	FOBS=	77.5	SIGMA=	3.3	PHAS=	73.2	FOM=	0.70	TEST=	0
INDE	17	64	21	FOBS=	50.9	SIGMA=	6.7	PHAS=	164.9	FOM=	0.64	TEST=	0
INDE	17	64	23	FOBS=	125.3	SIGMA=	2.9	PHAS=	-3.4	FOM=	0.96	TEST=	0
INDE	17	64	25	FOBS=	24.4	SIGMA=	11.3	PHAS=	49.3	FOM=	0.69	TEST=	0
INDE	17	64	27	FOBS=	59.2	SIGMA=	6.0	PHAS=	18.0	FOM=	0.85	TEST=	0
INDE	17	64	29	FOBS=	93.1	SIGMA=	3.2	PHAS=	-139.9	FOM=	0.93	TEST=	0
INDE	17	64	31	FOBS=	45.7	SIGMA=	6.5	PHAS=	-169.5	FOM=	0.18	TEST=	0
INDE	17	64	33	FOBS=	108.6	SIGMA=	3.0	PHAS=	105.5	FOM=	0.95	TEST=	0
INDE	17	64	35	FOBS=	43.7	SIGMA=	7.3	PHAS=	-9.6	FOM=	0.76	TEST=	0
INDE	17	64	37	FOBS=	31.8	SIGMA=	9.9	PHAS=	-154.0	FOM=	0.41	TEST=	0
INDE	17	64	39	FOBS=	43.3	SIGMA=	7.5	PHAS=	-97.5	FOM=	0.03	TEST=	0
INDE	17	65	18	FOBS=	47.9	SIGMA=	6.0	PHAS=	-19.3	FOM=	0.62	TEST=	0
INDE	17	65	20	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	65	22	FOBS=	26.2	SIGMA=	13.0	PHAS=	-128.3	FOM=	0.48	TEST=	0
INDE	17	65	24	FOBS=	53.9	SIGMA=	6.4	PHAS=	-39.3	FOM=	0.82	TEST=	0
INDE	17	65	26	FOBS=	59.1	SIGMA=	4.8	PHAS=	-66.5	FOM=	0.74	TEST=	0
INDE	17	65	28	FOBS=	53.1	SIGMA=	5.4	PHAS=	-75.3	FOM=	0.80	TEST=	0
INDE	17	65	30	FOBS=	51.5	SIGMA=	5.8	PHAS=	34.5	FOM=	0.70	TEST=	0
INDE	17	65	32	FOBS=	103.8	SIGMA=	3.1	PHAS=	110.8	FOM=	0.06	TEST=	1
INDE	17	65	34	FOBS=	93.5	SIGMA=	3.5	PHAS=	-88.0	FOM=	0.92	TEST=	0
INDE	17	65	36	FOBS=	45.5	SIGMA=	7.0	PHAS=	148.9	FOM=	0.62	TEST=	0
INDE	17	65	38	FOBS=	11.4	SIGMA=	28.6	PHAS=	11.5	FOM=	0.16	TEST=	0
INDE	17	66	17	FOBS=	31.4	SIGMA=	5.3	PHAS=	-34.8	FOM=	0.30	TEST=	0
INDE	17	66	19	FOBS=	23.8	SIGMA=	12.3	PHAS=	-42.7	FOM=	0.37	TEST=	0
INDE	17	66	21	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	66	23	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	66	25	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	66	27	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	66	29	FOBS=	0.0	SIGMA=	26.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	66	31	FOBS=	42.6	SIGMA=	7.0	PHAS=	-150.0	FOM=	0.29	TEST=	0
INDE	17	66	33	FOBS=	59.5	SIGMA=	5.2	PHAS=	164.1	FOM=	0.84	TEST=	0
INDE	17	66	35	FOBS=	50.7	SIGMA=	6.4	PHAS=	40.5	FOM=	0.84	TEST=	0
INDE	17	66	37	FOBS=	26.7	SIGMA=	12.3	PHAS=	-110.5	FOM=	0.46	TEST=	0
INDE	17	67	18	FOBS=	24.4	SIGMA=	11.6	PHAS=	52.2	FOM=	0.08	TEST=	1
INDE	17	67	20	FOBS=	0.0	SIGMA=	24.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	67	22	FOBS=	28.5	SIGMA=	12.1	PHAS=	-33.6	FOM=	0.39	TEST=	0
INDE	17	67	24	FOBS=	12.0	SIGMA=	28.8	PHAS=	90.2	FOM=	0.12	TEST=	0
INDE	17	67	26	FOBS=	44.9	SIGMA=	7.8	PHAS=	-13.5	FOM=	0.82	TEST=	0
INDE	17	67	28	FOBS=	13.4	SIGMA=	21.1	PHAS=	172.1	FOM=	0.04	TEST=	0
INDE	17	67	30	FOBS=	58.5	SIGMA=	5.1	PHAS=	-42.0	FOM=	0.73	TEST=	0
INDE	17	67	32	FOBS=	0.0	SIGMA=	24.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	67	34	FOBS=	70.4	SIGMA=	4.6	PHAS=	-77.4	FOM=	0.87	TEST=	0
INDE	17	68	17	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	68	19	FOBS=	81.7	SIGMA=	2.9	PHAS=	-78.7	FOM=	0.89	TEST=	0
INDE	17	68	23	FOBS=	43.5	SIGMA=	11.7	PHAS=	120.0	FOM=	0.73	TEST=	0
INDE	17	68	25	FOBS=	97.8	SIGMA=	5.4	PHAS=	-78.8	FOM=	0.91	TEST=	0

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INDE	17	68	27	FOBS=	48.0	SIGMA=	6.0	PHAS=	-90.9	FOM=	0.75	TEST=	0
INDE	17	68	29	FOBS=	0.0	SIGMA=	26.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	68	31	FOBS=	0.0	SIGMA=	27.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	68	33	FOBS=	8.1	SIGMA=	39.1	PHAS=	163.0	FOM=	0.13	TEST=	0
INDE	17	69	18	FOBS=	20.9	SIGMA=	16.9	PHAS=	-169.0	FOM=	0.42	TEST=	0
INDE	17	69	20	FOBS=	39.0	SIGMA=	9.5	PHAS=	-134.7	FOM=	0.70	TEST=	0
INDE	17	69	26	FOBS=	33.5	SIGMA=	15.2	PHAS=	-137.7	FOM=	0.70	TEST=	0
INDE	17	69	28	FOBS=	35.3	SIGMA=	10.2	PHAS=	78.2	FOM=	0.29	TEST=	0
INDE	17	69	30	FOBS=	39.1	SIGMA=	9.5	PHAS=	-21.8	FOM=	0.41	TEST=	0
INDE	17	70	17	FOBS=	18.1	SIGMA=	17.6	PHAS=	-161.3	FOM=	0.22	TEST=	0
INDE	17	70	19	FOBS=	28.7	SIGMA=	6.8	PHAS=	1.7	FOM=	0.29	TEST=	0
INDE	17	70	21	FOBS=	0.0	SIGMA=	27.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	17	70	29	FOBS=	0.0	SIGMA=	32.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	71	18	FOBS=	14.6	SIGMA=	22.9	PHAS=	150.9	FOM=	0.41	TEST=	0
INDE	17	71	20	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	72	17	FOBS=	18.4	SIGMA=	15.0	PHAS=	130.4	FOM=	0.24	TEST=	0
INDE	17	72	19	FOBS=	61.3	SIGMA=	6.0	PHAS=	33.5	FOM=	0.86	TEST=	0
INDE	17	72	21	FOBS=	58.8	SIGMA=	3.8	PHAS=	-73.4	FOM=	0.78	TEST=	0
INDE	17	73	18	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	17	73	20	FOBS=	91.9	SIGMA=	4.1	PHAS=	-98.8	FOM=	0.89	TEST=	0
INDE	18	18	18	FOBS=	235.0	SIGMA=	1.1	PHAS=	72.1	FOM=	0.92	TEST=	0
INDE	18	19	19	FOBS=	188.3	SIGMA=	0.7	PHAS=	15.5	FOM=	0.94	TEST=	0
INDE	18	19	21	FOBS=	33.2	SIGMA=	3.0	PHAS=	-27.3	FOM=	0.21	TEST=	0
INDE	18	19	23	FOBS=	163.6	SIGMA=	0.7	PHAS=	106.0	FOM=	0.96	TEST=	0
INDE	18	19	25	FOBS=	88.0	SIGMA=	1.2	PHAS=	156.5	FOM=	0.96	TEST=	0
INDE	18	19	27	FOBS=	154.6	SIGMA=	0.9	PHAS=	123.7	FOM=	0.75	TEST=	0
INDE	18	19	29	FOBS=	151.4	SIGMA=	1.0	PHAS=	31.1	FOM=	0.99	TEST=	0
INDE	18	19	31	FOBS=	65.3	SIGMA=	2.4	PHAS=	-53.5	FOM=	0.95	TEST=	0
INDE	18	19	33	FOBS=	147.4	SIGMA=	1.1	PHAS=	-121.3	FOM=	0.91	TEST=	0
INDE	18	19	35	FOBS=	246.2	SIGMA=	0.8	PHAS=	-133.9	FOM=	0.94	TEST=	0
INDE	18	19	37	FOBS=	203.6	SIGMA=	0.9	PHAS=	176.7	FOM=	0.93	TEST=	0
INDE	18	19	39	FOBS=	61.9	SIGMA=	2.7	PHAS=	136.3	FOM=	0.86	TEST=	0
INDE	18	19	41	FOBS=	281.1	SIGMA=	0.8	PHAS=	-142.3	FOM=	0.95	TEST=	0
INDE	18	19	43	FOBS=	144.5	SIGMA=	1.4	PHAS=	134.7	FOM=	0.96	TEST=	0
INDE	18	19	45	FOBS=	12.6	SIGMA=	13.8	PHAS=	48.3	FOM=	0.07	TEST=	0
INDE	18	19	47	FOBS=	27.4	SIGMA=	6.8	PHAS=	120.0	FOM=	0.09	TEST=	1
INDE	18	19	49	FOBS=	69.3	SIGMA=	2.9	PHAS=	121.2	FOM=	0.65	TEST=	0
INDE	18	19	51	FOBS=	124.3	SIGMA=	1.6	PHAS=	1.6	FOM=	0.75	TEST=	1
INDE	18	19	53	FOBS=	49.2	SIGMA=	4.6	PHAS=	-152.9	FOM=	0.41	TEST=	0
INDE	18	19	55	FOBS=	59.9	SIGMA=	3.2	PHAS=	-55.2	FOM=	0.61	TEST=	0
INDE	18	19	57	FOBS=	119.4	SIGMA=	1.9	PHAS=	3.1	FOM=	0.94	TEST=	0
INDE	18	19	59	FOBS=	63.0	SIGMA=	3.8	PHAS=	13.9	FOM=	0.82	TEST=	0
INDE	18	19	61	FOBS=	43.0	SIGMA=	5.9	PHAS=	-169.7	FOM=	0.42	TEST=	0
INDE	18	19	63	FOBS=	32.2	SIGMA=	7.9	PHAS=	123.4	FOM=	0.22	TEST=	0
INDE	18	19	65	FOBS=	9.5	SIGMA=	31.1	PHAS=	23.3	FOM=	0.12	TEST=	0
INDE	18	19	67	FOBS=	57.1	SIGMA=	6.3	PHAS=	-64.7	FOM=	0.77	TEST=	0
INDE	18	19	69	FOBS=	0.0	SIGMA=	26.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	19	71	FOBS=	65.8	SIGMA=	4.8	PHAS=	-1.8	FOM=	0.84	TEST=	0
INDE	18	19	73	FOBS=	75.6	SIGMA=	4.0	PHAS=	-18.1	FOM=	0.88	TEST=	0
INDE	18	20	18	FOBS=	135.0	SIGMA=	0.7	PHAS=	103.8	FOM=	0.99	TEST=	0
INDE	18	20	20	FOBS=	64.6	SIGMA=	1.4	PHAS=	-85.7	FOM=	0.94	TEST=	0
INDE	18	20	22	FOBS=	166.4	SIGMA=	0.6	PHAS=	-109.9	FOM=	0.98	TEST=	0
INDE	18	20	24	FOBS=	130.0	SIGMA=	0.7	PHAS=	6.2	FOM=	0.94	TEST=	0
INDE	18	20	26	FOBS=	234.0	SIGMA=	0.5	PHAS=	-9.7	FOM=	0.99	TEST=	0
INDE	18	20	28	FOBS=	144.2	SIGMA=	0.8	PHAS=	-74.9	FOM=	0.95	TEST=	0
INDE	18	20	30	FOBS=	367.5	SIGMA=	0.6	PHAS=	-84.8	FOM=	0.96	TEST=	0
INDE	18	20	32	FOBS=	249.6	SIGMA=	0.7	PHAS=	74.2	FOM=	0.97	TEST=	0
INDE	18	20	34	FOBS=	182.0	SIGMA=	0.9	PHAS=	173.8	FOM=	0.99	TEST=	0
INDE	18	20	36	FOBS=	252.0	SIGMA=	0.6	PHAS=	-168.8	FOM=	0.98	TEST=	0
INDE	18	20	38	FOBS=	167.5	SIGMA=	0.9	PHAS=	121.7	FOM=	0.98	TEST=	0
INDE	18	20	40	FOBS=	200.3	SIGMA=	0.8	PHAS=	120.7	FOM=	0.96	TEST=	0
INDE	18	20	42	FOBS=	193.7	SIGMA=	0.9	PHAS=	47.4	FOM=	0.94	TEST=	0
INDE	18	20	44	FOBS=	31.8	SIGMA=	5.1	PHAS=	113.5	FOM=	0.56	TEST=	0
INDE	18	20	46	FOBS=	162.9	SIGMA=	1.1	PHAS=	167.1	FOM=	0.90	TEST=	0
INDE	18	20	48	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	20	50	FOBS=	58.9	SIGMA=	3.4	PHAS=	-176.5	FOM=	0.88	TEST=	0
INDE	18	20	52	FOBS=	57.4	SIGMA=	3.4	PHAS=	-177.5	FOM=	0.86	TEST=	0
INDE	18	20	54	FOBS=	76.0	SIGMA=	2.6	PHAS=	-172.2	FOM=	0.91	TEST=	0
INDE	18	20	56	FOBS=	87.8	SIGMA=	2.2	PHAS=	-42.7	FOM=	0.81	TEST=	0
INDE	18	20	58	FOBS=	51.8	SIGMA=	4.2	PHAS=	156.1	FOM=	0.51	TEST=	0

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INDE	18	20	60	FOBS=	120.7	SIGMA=	2.2	PHAS=	5.1	FOM=	0.88	TEST=	0
INDE	18	20	62	FOBS=	70.4	SIGMA=	3.7	PHAS=	-11.2	FOM=	0.82	TEST=	0
INDE	18	20	64	FOBS=	64.0	SIGMA=	4.0	PHAS=	65.8	FOM=	0.58	TEST=	0
INDE	18	20	66	FOBS=	91.5	SIGMA=	3.3	PHAS=	-156.4	FOM=	0.90	TEST=	0
INDE	18	20	68	FOBS=	0.0	SIGMA=	26.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	20	70	FOBS=	87.3	SIGMA=	3.7	PHAS=	-33.9	FOM=	0.92	TEST=	0
INDE	18	20	72	FOBS=	73.4	SIGMA=	4.3	PHAS=	-110.0	FOM=	0.85	TEST=	0
INDE	18	21	19	FOBS=	88.6	SIGMA=	1.1	PHAS=	77.7	FOM=	0.84	TEST=	0
INDE	18	21	21	FOBS=	302.8	SIGMA=	0.5	PHAS=	-169.4	FOM=	0.99	TEST=	0
INDE	18	21	23	FOBS=	253.3	SIGMA=	0.5	PHAS=	171.6	FOM=	0.96	TEST=	0
INDE	18	21	25	FOBS=	157.2	SIGMA=	0.6	PHAS=	-94.7	FOM=	0.97	TEST=	0
INDE	18	21	27	FOBS=	53.0	SIGMA=	1.8	PHAS=	121.6	FOM=	0.57	TEST=	1
INDE	18	21	29	FOBS=	185.0	SIGMA=	0.7	PHAS=	-174.1	FOM=	0.99	TEST=	0
INDE	18	21	31	FOBS=	181.5	SIGMA=	0.7	PHAS=	-129.0	FOM=	0.94	TEST=	1
INDE	18	21	33	FOBS=	125.0	SIGMA=	1.1	PHAS=	-124.7	FOM=	0.96	TEST=	0
INDE	18	21	35	FOBS=	190.0	SIGMA=	0.8	PHAS=	134.9	FOM=	0.99	TEST=	0
INDE	18	21	37	FOBS=	211.7	SIGMA=	0.7	PHAS=	116.8	FOM=	0.92	TEST=	0
INDE	18	21	39	FOBS=	54.5	SIGMA=	2.7	PHAS=	0.5	FOM=	0.84	TEST=	0
INDE	18	21	41	FOBS=	72.3	SIGMA=	2.0	PHAS=	0.8	FOM=	0.89	TEST=	0
INDE	18	21	43	FOBS=	0.0	SIGMA=	17.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	21	45	FOBS=	0.0	SIGMA=	17.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	21	47	FOBS=	146.2	SIGMA=	1.3	PHAS=	63.2	FOM=	0.86	TEST=	0
INDE	18	21	49	FOBS=	166.0	SIGMA=	1.2	PHAS=	129.0	FOM=	0.94	TEST=	0
INDE	18	21	51	FOBS=	56.2	SIGMA=	3.6	PHAS=	-53.5	FOM=	0.84	TEST=	1
INDE	18	21	53	FOBS=	18.8	SIGMA=	10.3	PHAS=	167.3	FOM=	0.36	TEST=	0
INDE	18	21	55	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	21	57	FOBS=	99.4	SIGMA=	2.3	PHAS=	37.2	FOM=	0.90	TEST=	0
INDE	18	21	59	FOBS=	133.2	SIGMA=	2.1	PHAS=	-64.7	FOM=	0.95	TEST=	0
INDE	18	21	61	FOBS=	20.8	SIGMA=	12.5	PHAS=	-101.3	FOM=	0.03	TEST=	0
INDE	18	21	63	FOBS=	35.2	SIGMA=	7.4	PHAS=	-132.1	FOM=	0.58	TEST=	0
INDE	18	21	65	FOBS=	33.9	SIGMA=	7.6	PHAS=	84.8	FOM=	0.44	TEST=	0
INDE	18	21	67	FOBS=	27.3	SIGMA=	12.3	PHAS=	-2.5	FOM=	0.37	TEST=	0
INDE	18	21	69	FOBS=	65.7	SIGMA=	5.1	PHAS=	-85.4	FOM=	0.84	TEST=	0
INDE	18	21	71	FOBS=	58.4	SIGMA=	5.7	PHAS=	-132.9	FOM=	0.86	TEST=	0
INDE	18	22	18	FOBS=	137.5	SIGMA=	0.7	PHAS=	175.5	FOM=	0.44	TEST=	0
INDE	18	22	20	FOBS=	238.3	SIGMA=	0.5	PHAS=	137.4	FOM=	0.95	TEST=	0
INDE	18	22	22	FOBS=	224.9	SIGMA=	0.6	PHAS=	157.3	FOM=	0.94	TEST=	0
INDE	18	22	24	FOBS=	178.4	SIGMA=	0.6	PHAS=	73.9	FOM=	0.98	TEST=	0
INDE	18	22	26	FOBS=	292.4	SIGMA=	0.5	PHAS=	-86.0	FOM=	0.92	TEST=	0
INDE	18	22	28	FOBS=	230.8	SIGMA=	0.6	PHAS=	-81.7	FOM=	0.98	TEST=	0
INDE	18	22	30	FOBS=	141.7	SIGMA=	0.9	PHAS=	108.9	FOM=	0.82	TEST=	0
INDE	18	22	32	FOBS=	294.0	SIGMA=	0.6	PHAS=	123.2	FOM=	0.95	TEST=	0
INDE	18	22	34	FOBS=	114.0	SIGMA=	1.3	PHAS=	55.5	FOM=	0.98	TEST=	0
INDE	18	22	36	FOBS=	31.0	SIGMA=	4.8	PHAS=	-143.5	FOM=	0.63	TEST=	0
INDE	18	22	38	FOBS=	209.9	SIGMA=	0.9	PHAS=	-178.8	FOM=	0.93	TEST=	0
INDE	18	22	40	FOBS=	77.0	SIGMA=	1.9	PHAS=	-28.8	FOM=	0.65	TEST=	0
INDE	18	22	42	FOBS=	157.3	SIGMA=	1.0	PHAS=	-3.4	FOM=	0.93	TEST=	0
INDE	18	22	44	FOBS=	109.8	SIGMA=	1.4	PHAS=	133.9	FOM=	0.81	TEST=	0
INDE	18	22	46	FOBS=	99.0	SIGMA=	1.6	PHAS=	171.7	FOM=	0.80	TEST=	0
INDE	18	22	48	FOBS=	69.7	SIGMA=	2.4	PHAS=	-25.7	FOM=	0.89	TEST=	0
INDE	18	22	50	FOBS=	120.6	SIGMA=	1.4	PHAS=	11.3	FOM=	0.78	TEST=	0
INDE	18	22	52	FOBS=	24.9	SIGMA=	8.4	PHAS=	92.6	FOM=	0.07	TEST=	0
INDE	18	22	54	FOBS=	36.9	SIGMA=	5.3	PHAS=	-67.1	FOM=	0.11	TEST=	1
INDE	18	22	56	FOBS=	93.1	SIGMA=	2.5	PHAS=	-80.7	FOM=	0.89	TEST=	0
INDE	18	22	58	FOBS=	165.7	SIGMA=	1.8	PHAS=	-131.7	FOM=	0.97	TEST=	0
INDE	18	22	60	FOBS=	14.4	SIGMA=	18.6	PHAS=	105.9	FOM=	0.18	TEST=	0
INDE	18	22	62	FOBS=	79.9	SIGMA=	3.4	PHAS=	24.9	FOM=	0.91	TEST=	0
INDE	18	22	64	FOBS=	45.2	SIGMA=	5.7	PHAS=	115.7	FOM=	0.77	TEST=	0
INDE	18	22	66	FOBS=	19.2	SIGMA=	17.9	PHAS=	18.6	FOM=	0.05	TEST=	1
INDE	18	22	68	FOBS=	22.7	SIGMA=	15.1	PHAS=	-133.2	FOM=	0.45	TEST=	1
INDE	18	22	70	FOBS=	44.5	SIGMA=	7.6	PHAS=	-141.3	FOM=	0.48	TEST=	0
INDE	18	23	19	FOBS=	359.8	SIGMA=	0.5	PHAS=	89.3	FOM=	0.97	TEST=	0
INDE	18	23	21	FOBS=	238.0	SIGMA=	0.6	PHAS=	85.9	FOM=	0.98	TEST=	0
INDE	18	23	23	FOBS=	231.4	SIGMA=	0.6	PHAS=	152.2	FOM=	0.99	TEST=	0
INDE	18	23	25	FOBS=	258.2	SIGMA=	0.5	PHAS=	99.1	FOM=	0.96	TEST=	0
INDE	18	23	27	FOBS=	324.1	SIGMA=	0.5	PHAS=	134.4	FOM=	0.97	TEST=	0
INDE	18	23	29	FOBS=	167.1	SIGMA=	0.8	PHAS=	-47.0	FOM=	0.34	TEST=	1
INDE	18	23	31	FOBS=	180.3	SIGMA=	0.8	PHAS=	29.3	FOM=	0.90	TEST=	0
INDE	18	23	33	FOBS=	156.2	SIGMA=	1.0	PHAS=	167.2	FOM=	0.65	TEST=	0
INDE	18	23	35	FOBS=	150.3	SIGMA=	1.2	PHAS=	-142.5	FOM=	0.88	TEST=	0

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INDE	18	23	37	FOBS=	192.8	SIGMA=	0.9	PHAS=	60.6	FOM=	0.91	TEST=	0
INDE	18	23	39	FOBS=	256.7	SIGMA=	0.8	PHAS=	32.8	FOM=	0.93	TEST=	0
INDE	18	23	41	FOBS=	87.7	SIGMA=	1.7	PHAS=	139.1	FOM=	0.88	TEST=	1
INDE	18	23	43	FOBS=	130.4	SIGMA=	1.1	PHAS=	-125.5	FOM=	0.91	TEST=	0
INDE	18	23	45	FOBS=	113.4	SIGMA=	1.4	PHAS=	95.4	FOM=	0.88	TEST=	0
INDE	18	23	47	FOBS=	225.5	SIGMA=	0.8	PHAS=	41.6	FOM=	0.95	TEST=	0
INDE	18	23	49	FOBS=	96.3	SIGMA=	1.7	PHAS=	-105.5	FOM=	0.74	TEST=	0
INDE	18	23	51	FOBS=	168.0	SIGMA=	1.0	PHAS=	-102.3	FOM=	0.94	TEST=	0
INDE	18	23	53	FOBS=	144.7	SIGMA=	1.2	PHAS=	-119.1	FOM=	0.93	TEST=	0
INDE	18	23	55	FOBS=	65.4	SIGMA=	3.0	PHAS=	144.0	FOM=	0.87	TEST=	1
INDE	18	23	57	FOBS=	189.5	SIGMA=	1.6	PHAS=	130.2	FOM=	0.97	TEST=	0
INDE	18	23	59	FOBS=	13.6	SIGMA=	20.2	PHAS=	142.8	FOM=	0.15	TEST=	0
INDE	18	23	61	FOBS=	50.7	SIGMA=	5.3	PHAS=	13.4	FOM=	0.28	TEST=	0
INDE	18	23	63	FOBS=	127.8	SIGMA=	2.1	PHAS=	-44.5	FOM=	0.94	TEST=	0
INDE	18	23	65	FOBS=	43.6	SIGMA=	7.0	PHAS=	78.5	FOM=	0.18	TEST=	0
INDE	18	23	67	FOBS=	115.2	SIGMA=	3.2	PHAS=	17.1	FOM=	0.92	TEST=	0
INDE	18	23	69	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	24	18	FOBS=	94.2	SIGMA=	1.1	PHAS=	-62.4	FOM=	0.98	TEST=	0
INDE	18	24	20	FOBS=	321.9	SIGMA=	0.5	PHAS=	-25.7	FOM=	0.97	TEST=	0
INDE	18	24	22	FOBS=	268.1	SIGMA=	0.6	PHAS=	-4.2	FOM=	0.93	TEST=	0
INDE	18	24	24	FOBS=	295.0	SIGMA=	0.6	PHAS=	-7.9	FOM=	0.94	TEST=	0
INDE	18	24	26	FOBS=	347.2	SIGMA=	0.5	PHAS=	5.3	FOM=	0.97	TEST=	0
INDE	18	24	28	FOBS=	164.0	SIGMA=	0.8	PHAS=	-25.8	FOM=	0.87	TEST=	0
INDE	18	24	30	FOBS=	80.1	SIGMA=	1.6	PHAS=	157.0	FOM=	0.48	TEST=	0
INDE	18	24	32	FOBS=	114.4	SIGMA=	1.2	PHAS=	-133.3	FOM=	0.96	TEST=	0
INDE	18	24	34	FOBS=	107.7	SIGMA=	1.5	PHAS=	42.2	FOM=	0.92	TEST=	0
INDE	18	24	36	FOBS=	115.9	SIGMA=	1.5	PHAS=	-148.7	FOM=	0.82	TEST=	0
INDE	18	24	38	FOBS=	182.4	SIGMA=	1.0	PHAS=	-113.3	FOM=	0.98	TEST=	0
INDE	18	24	40	FOBS=	143.5	SIGMA=	1.2	PHAS=	-16.7	FOM=	0.94	TEST=	0
INDE	18	24	42	FOBS=	198.8	SIGMA=	0.8	PHAS=	7.9	FOM=	0.95	TEST=	0
INDE	18	24	44	FOBS=	95.3	SIGMA=	1.6	PHAS=	-156.7	FOM=	0.70	TEST=	1
INDE	18	24	46	FOBS=	105.1	SIGMA=	1.5	PHAS=	143.8	FOM=	0.53	TEST=	0
INDE	18	24	48	FOBS=	65.8	SIGMA=	2.3	PHAS=	-129.6	FOM=	0.86	TEST=	0
INDE	18	24	50	FOBS=	41.1	SIGMA=	3.7	PHAS=	-129.2	FOM=	0.59	TEST=	0
INDE	18	24	52	FOBS=	29.1	SIGMA=	5.8	PHAS=	169.9	FOM=	0.68	TEST=	0
INDE	18	24	54	FOBS=	146.2	SIGMA=	1.1	PHAS=	86.3	FOM=	0.95	TEST=	0
INDE	18	24	56	FOBS=	117.5	SIGMA=	1.7	PHAS=	11.3	FOM=	0.95	TEST=	0
INDE	18	24	58	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	24	60	FOBS=	73.3	SIGMA=	3.7	PHAS=	39.9	FOM=	0.79	TEST=	0
INDE	18	24	62	FOBS=	42.0	SIGMA=	6.3	PHAS=	-159.2	FOM=	0.61	TEST=	0
INDE	18	24	64	FOBS=	86.5	SIGMA=	3.6	PHAS=	-153.2	FOM=	0.85	TEST=	0
INDE	18	24	66	FOBS=	79.2	SIGMA=	4.7	PHAS=	-8.6	FOM=	0.15	TEST=	1
INDE	18	24	68	FOBS=	89.9	SIGMA=	3.8	PHAS=	-114.1	FOM=	0.54	TEST=	1
INDE	18	25	19	FOBS=	108.8	SIGMA=	1.0	PHAS=	153.8	FOM=	0.95	TEST=	0
INDE	18	25	21	FOBS=	237.0	SIGMA=	0.6	PHAS=	-134.3	FOM=	0.99	TEST=	0
INDE	18	25	23	FOBS=	328.0	SIGMA=	0.5	PHAS=	-157.0	FOM=	0.97	TEST=	0
INDE	18	25	25	FOBS=	116.6	SIGMA=	1.0	PHAS=	6.7	FOM=	0.89	TEST=	0
INDE	18	25	27	FOBS=	128.3	SIGMA=	1.0	PHAS=	-137.7	FOM=	0.79	TEST=	0
INDE	18	25	29	FOBS=	58.2	SIGMA=	2.1	PHAS=	34.1	FOM=	0.71	TEST=	0
INDE	18	25	31	FOBS=	182.4	SIGMA=	0.9	PHAS=	91.7	FOM=	0.97	TEST=	0
INDE	18	25	33	FOBS=	240.0	SIGMA=	0.7	PHAS=	-174.1	FOM=	0.95	TEST=	0
INDE	18	25	35	FOBS=	138.1	SIGMA=	1.2	PHAS=	-156.7	FOM=	0.96	TEST=	0
INDE	18	25	37	FOBS=	144.8	SIGMA=	1.2	PHAS=	96.6	FOM=	0.89	TEST=	0
INDE	18	25	39	FOBS=	47.5	SIGMA=	3.5	PHAS=	-46.2	FOM=	0.96	TEST=	1
INDE	18	25	41	FOBS=	194.4	SIGMA=	0.9	PHAS=	-49.5	FOM=	0.89	TEST=	0
INDE	18	25	43	FOBS=	151.3	SIGMA=	1.2	PHAS=	-151.7	FOM=	0.88	TEST=	0
INDE	18	25	45	FOBS=	140.7	SIGMA=	1.2	PHAS=	85.8	FOM=	0.91	TEST=	0
INDE	18	25	47	FOBS=	136.6	SIGMA=	1.2	PHAS=	68.3	FOM=	0.90	TEST=	1
INDE	18	25	49	FOBS=	76.3	SIGMA=	2.0	PHAS=	-89.5	FOM=	0.48	TEST=	0
INDE	18	25	51	FOBS=	113.3	SIGMA=	1.4	PHAS=	-98.7	FOM=	0.97	TEST=	0
INDE	18	25	53	FOBS=	152.2	SIGMA=	1.1	PHAS=	-72.6	FOM=	0.94	TEST=	0
INDE	18	25	55	FOBS=	74.2	SIGMA=	2.1	PHAS=	-64.6	FOM=	0.91	TEST=	0
INDE	18	25	57	FOBS=	65.6	SIGMA=	3.4	PHAS=	95.0	FOM=	0.86	TEST=	0
INDE	18	25	59	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	25	61	FOBS=	36.5	SIGMA=	6.5	PHAS=	59.0	FOM=	0.53	TEST=	0
INDE	18	25	63	FOBS=	39.5	SIGMA=	6.8	PHAS=	23.1	FOM=	0.41	TEST=	0
INDE	18	25	65	FOBS=	55.1	SIGMA=	6.6	PHAS=	141.5	FOM=	0.88	TEST=	0
INDE	18	25	67	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	26	18	FOBS=	158.0	SIGMA=	0.8	PHAS=	115.3	FOM=	0.40	TEST=	1
INDE	18	26	20	FOBS=	71.4	SIGMA=	1.5	PHAS=	-121.8	FOM=	0.88	TEST=	0

INDE	18	26	22	FOBS=	222.1	SIGMA=	0.6	PHAS=	56.4	FOM=	0.95	TEST=	0
INDE	18	26	24	FOBS=	215.4	SIGMA=	0.7	PHAS=	-60.1	FOM=	0.90	TEST=	1
INDE	18	26	26	FOBS=	214.1	SIGMA=	0.6	PHAS=	-48.0	FOM=	0.92	TEST=	0
INDE	18	26	28	FOBS=	148.9	SIGMA=	0.9	PHAS=	56.1	FOM=	0.92	TEST=	0
INDE	18	26	30	FOBS=	56.8	SIGMA=	2.5	PHAS=	14.5	FOM=	0.82	TEST=	0
INDE	18	26	32	FOBS=	84.8	SIGMA=	1.9	PHAS=	-20.0	FOM=	0.93	TEST=	0
INDE	18	26	34	FOBS=	231.5	SIGMA=	0.8	PHAS=	92.3	FOM=	0.95	TEST=	0
INDE	18	26	36	FOBS=	64.8	SIGMA=	2.6	PHAS=	118.9	FOM=	0.62	TEST=	0
INDE	18	26	38	FOBS=	145.9	SIGMA=	1.2	PHAS=	-45.1	FOM=	0.92	TEST=	1
INDE	18	26	40	FOBS=	42.8	SIGMA=	3.8	PHAS=	-123.4	FOM=	0.55	TEST=	1
INDE	18	26	42	FOBS=	75.9	SIGMA=	2.3	PHAS=	18.4	FOM=	0.74	TEST=	0
INDE	18	26	44	FOBS=	67.1	SIGMA=	2.6	PHAS=	119.0	FOM=	0.55	TEST=	0
INDE	18	26	46	FOBS=	235.8	SIGMA=	0.8	PHAS=	-66.1	FOM=	0.96	TEST=	0
INDE	18	26	48	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	26	50	FOBS=	51.8	SIGMA=	3.1	PHAS=	160.2	FOM=	0.85	TEST=	0
INDE	18	26	52	FOBS=	75.3	SIGMA=	2.0	PHAS=	-104.0	FOM=	0.71	TEST=	0
INDE	18	26	54	FOBS=	114.7	SIGMA=	1.4	PHAS=	155.2	FOM=	0.92	TEST=	0
INDE	18	26	56	FOBS=	86.4	SIGMA=	2.1	PHAS=	-19.8	FOM=	0.86	TEST=	0
INDE	18	26	58	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	26	60	FOBS=	57.3	SIGMA=	3.8	PHAS=	51.7	FOM=	0.65	TEST=	0
INDE	18	26	62	FOBS=	20.3	SIGMA=	10.6	PHAS=	67.2	FOM=	0.16	TEST=	0
INDE	18	26	64	FOBS=	16.5	SIGMA=	21.9	PHAS=	23.0	FOM=	0.21	TEST=	0
INDE	18	26	66	FOBS=	80.2	SIGMA=	4.5	PHAS=	33.3	FOM=	0.91	TEST=	0
INDE	18	27	19	FOBS=	0.0	SIGMA=	15.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	27	21	FOBS=	110.2	SIGMA=	1.1	PHAS=	-119.1	FOM=	0.60	TEST=	0
INDE	18	27	23	FOBS=	297.6	SIGMA=	0.6	PHAS=	-151.5	FOM=	0.93	TEST=	0
INDE	18	27	25	FOBS=	82.7	SIGMA=	1.6	PHAS=	3.3	FOM=	0.92	TEST=	0
INDE	18	27	27	FOBS=	166.6	SIGMA=	0.8	PHAS=	-96.4	FOM=	0.95	TEST=	0
INDE	18	27	29	FOBS=	107.7	SIGMA=	1.3	PHAS=	-110.4	FOM=	0.88	TEST=	0
INDE	18	27	31	FOBS=	33.9	SIGMA=	4.7	PHAS=	174.0	FOM=	0.42	TEST=	0
INDE	18	27	33	FOBS=	31.9	SIGMA=	5.3	PHAS=	38.5	FOM=	0.20	TEST=	0
INDE	18	27	35	FOBS=	193.8	SIGMA=	1.0	PHAS=	49.3	FOM=	0.93	TEST=	0
INDE	18	27	37	FOBS=	69.7	SIGMA=	2.6	PHAS=	-53.0	FOM=	0.68	TEST=	0
INDE	18	27	39	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	27	41	FOBS=	226.5	SIGMA=	0.9	PHAS=	65.9	FOM=	0.96	TEST=	0
INDE	18	27	43	FOBS=	99.6	SIGMA=	1.7	PHAS=	-139.6	FOM=	0.80	TEST=	0
INDE	18	27	45	FOBS=	187.9	SIGMA=	1.0	PHAS=	-156.9	FOM=	0.85	TEST=	1
INDE	18	27	47	FOBS=	261.5	SIGMA=	0.8	PHAS=	164.6	FOM=	0.96	TEST=	0
INDE	18	27	49	FOBS=	65.4	SIGMA=	2.3	PHAS=	-64.4	FOM=	0.07	TEST=	1
INDE	18	27	51	FOBS=	44.1	SIGMA=	3.3	PHAS=	-135.1	FOM=	0.60	TEST=	0
INDE	18	27	53	FOBS=	58.4	SIGMA=	2.5	PHAS=	-74.3	FOM=	0.71	TEST=	0
INDE	18	27	55	FOBS=	53.7	SIGMA=	3.2	PHAS=	164.0	FOM=	0.81	TEST=	0
INDE	18	27	57	FOBS=	46.5	SIGMA=	4.1	PHAS=	80.1	FOM=	0.79	TEST=	0
INDE	18	27	59	FOBS=	40.5	SIGMA=	5.0	PHAS=	130.1	FOM=	0.84	TEST=	0
INDE	18	27	61	FOBS=	19.5	SIGMA=	10.9	PHAS=	72.5	FOM=	0.57	TEST=	0
INDE	18	27	63	FOBS=	95.7	SIGMA=	2.5	PHAS=	-5.9	FOM=	0.88	TEST=	0
INDE	18	27	65	FOBS=	38.1	SIGMA=	7.8	PHAS=	-105.4	FOM=	0.44	TEST=	0
INDE	18	28	18	FOBS=	216.8	SIGMA=	0.7	PHAS=	158.9	FOM=	0.98	TEST=	0
INDE	18	28	20	FOBS=	88.9	SIGMA=	1.3	PHAS=	165.3	FOM=	0.67	TEST=	0
INDE	18	28	22	FOBS=	211.1	SIGMA=	0.7	PHAS=	52.9	FOM=	0.95	TEST=	0
INDE	18	28	24	FOBS=	374.0	SIGMA=	0.6	PHAS=	-109.3	FOM=	0.98	TEST=	0
INDE	18	28	26	FOBS=	277.6	SIGMA=	0.6	PHAS=	-99.7	FOM=	0.96	TEST=	0
INDE	18	28	28	FOBS=	277.2	SIGMA=	0.6	PHAS=	82.7	FOM=	0.99	TEST=	0
INDE	18	28	30	FOBS=	78.3	SIGMA=	1.8	PHAS=	-86.8	FOM=	0.19	TEST=	0
INDE	18	28	32	FOBS=	152.9	SIGMA=	1.2	PHAS=	10.7	FOM=	0.97	TEST=	0
INDE	18	28	34	FOBS=	84.2	SIGMA=	2.2	PHAS=	-15.6	FOM=	0.92	TEST=	1
INDE	18	28	36	FOBS=	154.0	SIGMA=	1.3	PHAS=	-62.1	FOM=	0.90	TEST=	0
INDE	18	28	38	FOBS=	161.7	SIGMA=	1.1	PHAS=	22.6	FOM=	0.46	TEST=	0
INDE	18	28	40	FOBS=	209.9	SIGMA=	0.9	PHAS=	25.7	FOM=	0.95	TEST=	0
INDE	18	28	42	FOBS=	58.7	SIGMA=	2.9	PHAS=	-48.1	FOM=	0.88	TEST=	0
INDE	18	28	44	FOBS=	89.2	SIGMA=	1.9	PHAS=	167.3	FOM=	0.64	TEST=	0
INDE	18	28	46	FOBS=	160.7	SIGMA=	1.1	PHAS=	128.5	FOM=	0.94	TEST=	0
INDE	18	28	48	FOBS=	95.0	SIGMA=	1.8	PHAS=	23.7	FOM=	0.93	TEST=	0
INDE	18	28	50	FOBS=	97.9	SIGMA=	1.7	PHAS=	-99.4	FOM=	0.16	TEST=	1
INDE	18	28	52	FOBS=	124.7	SIGMA=	1.2	PHAS=	-175.4	FOM=	0.96	TEST=	0
INDE	18	28	54	FOBS=	27.6	SIGMA=	5.8	PHAS=	2.7	FOM=	0.32	TEST=	0
INDE	18	28	56	FOBS=	83.6	SIGMA=	2.2	PHAS=	-46.6	FOM=	0.89	TEST=	0
INDE	18	28	58	FOBS=	55.3	SIGMA=	3.4	PHAS=	-110.5	FOM=	0.67	TEST=	0
INDE	18	28	60	FOBS=	15.9	SIGMA=	12.7	PHAS=	-22.6	FOM=	0.43	TEST=	0
INDE	18	28	62	FOBS=	46.8	SIGMA=	5.1	PHAS=	-62.0	FOM=	0.89	TEST=	0

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INDE	18	28	64	FOBS=	36.9	SIGMA=	8.0	PHAS=	-144.0	FOM=	0.63	TEST=	0
INDE	18	28	66	FOBS=	54.1	SIGMA=	10.0	PHAS=	39.7	FOM=	0.72	TEST=	0
INDE	18	28	68	FOBS=	40.4	SIGMA=	13.9	PHAS=	-31.1	FOM=	0.52	TEST=	0
INDE	18	29	19	FOBS=	203.0	SIGMA=	0.7	PHAS=	53.4	FOM=	0.98	TEST=	0
INDE	18	29	21	FOBS=	88.4	SIGMA=	1.4	PHAS=	120.9	FOM=	0.85	TEST=	0
INDE	18	29	23	FOBS=	271.3	SIGMA=	0.6	PHAS=	79.7	FOM=	0.99	TEST=	0
INDE	18	29	25	FOBS=	307.5	SIGMA=	0.6	PHAS=	133.7	FOM=	0.95	TEST=	1
INDE	18	29	27	FOBS=	138.1	SIGMA=	1.1	PHAS=	179.5	FOM=	0.95	TEST=	0
INDE	18	29	29	FOBS=	0.0	SIGMA=	17.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	29	31	FOBS=	199.2	SIGMA=	0.9	PHAS=	-53.2	FOM=	0.91	TEST=	1
INDE	18	29	33	FOBS=	173.1	SIGMA=	1.1	PHAS=	-52.6	FOM=	0.97	TEST=	0
INDE	18	29	35	FOBS=	172.0	SIGMA=	1.2	PHAS=	161.9	FOM=	0.92	TEST=	0
INDE	18	29	37	FOBS=	187.4	SIGMA=	1.1	PHAS=	-65.5	FOM=	0.93	TEST=	0
INDE	18	29	39	FOBS=	49.7	SIGMA=	3.8	PHAS=	30.7	FOM=	0.56	TEST=	0
INDE	18	29	41	FOBS=	97.8	SIGMA=	1.8	PHAS=	-144.0	FOM=	0.76	TEST=	0
INDE	18	29	43	FOBS=	155.4	SIGMA=	1.2	PHAS=	-174.4	FOM=	0.89	TEST=	0
INDE	18	29	45	FOBS=	90.5	SIGMA=	1.9	PHAS=	64.5	FOM=	0.90	TEST=	0
INDE	18	29	47	FOBS=	171.7	SIGMA=	1.0	PHAS=	141.1	FOM=	0.96	TEST=	0
INDE	18	29	49	FOBS=	65.8	SIGMA=	2.5	PHAS=	-171.9	FOM=	0.71	TEST=	0
INDE	18	29	51	FOBS=	103.3	SIGMA=	1.6	PHAS=	124.4	FOM=	0.95	TEST=	0
INDE	18	29	53	FOBS=	74.4	SIGMA=	2.1	PHAS=	-116.7	FOM=	0.88	TEST=	0
INDE	18	29	55	FOBS=	127.9	SIGMA=	1.4	PHAS=	175.1	FOM=	0.96	TEST=	0
INDE	18	29	57	FOBS=	18.3	SIGMA=	10.1	PHAS=	78.5	FOM=	0.44	TEST=	0
INDE	18	29	59	FOBS=	16.4	SIGMA=	11.4	PHAS=	122.8	FOM=	0.45	TEST=	0
INDE	18	29	61	FOBS=	34.1	SIGMA=	5.5	PHAS=	-173.9	FOM=	0.50	TEST=	0
INDE	18	29	63	FOBS=	36.5	SIGMA=	7.0	PHAS=	139.3	FOM=	0.49	TEST=	0
INDE	18	29	65	FOBS=	19.5	SIGMA=	27.8	PHAS=	50.6	FOM=	0.05	TEST=	0
INDE	18	29	67	FOBS=	119.3	SIGMA=	4.8	PHAS=	-138.1	FOM=	0.93	TEST=	0
INDE	18	29	69	FOBS=	38.5	SIGMA=	14.9	PHAS=	-157.6	FOM=	0.65	TEST=	0
INDE	18	30	18	FOBS=	281.3	SIGMA=	0.7	PHAS=	-52.5	FOM=	0.95	TEST=	0
INDE	18	30	20	FOBS=	127.7	SIGMA=	1.1	PHAS=	13.8	FOM=	0.97	TEST=	0
INDE	18	30	22	FOBS=	246.3	SIGMA=	0.7	PHAS=	-20.5	FOM=	0.98	TEST=	0
INDE	18	30	24	FOBS=	184.4	SIGMA=	0.8	PHAS=	-1.9	FOM=	0.96	TEST=	0
INDE	18	30	26	FOBS=	177.5	SIGMA=	0.9	PHAS=	75.8	FOM=	0.92	TEST=	0
INDE	18	30	28	FOBS=	231.7	SIGMA=	0.8	PHAS=	32.5	FOM=	0.94	TEST=	0
INDE	18	30	30	FOBS=	118.6	SIGMA=	1.3	PHAS=	-132.3	FOM=	0.91	TEST=	0
INDE	18	30	32	FOBS=	60.6	SIGMA=	2.7	PHAS=	-84.4	FOM=	0.88	TEST=	0
INDE	18	30	34	FOBS=	127.0	SIGMA=	1.5	PHAS=	-59.4	FOM=	0.85	TEST=	0
INDE	18	30	36	FOBS=	81.6	SIGMA=	2.4	PHAS=	-97.1	FOM=	0.64	TEST=	0
INDE	18	30	38	FOBS=	51.5	SIGMA=	3.9	PHAS=	81.6	FOM=	0.40	TEST=	0
INDE	18	30	40	FOBS=	276.1	SIGMA=	0.9	PHAS=	77.4	FOM=	0.96	TEST=	0
INDE	18	30	42	FOBS=	205.8	SIGMA=	0.9	PHAS=	128.6	FOM=	0.94	TEST=	0
INDE	18	30	44	FOBS=	126.1	SIGMA=	1.4	PHAS=	28.5	FOM=	0.94	TEST=	0
INDE	18	30	46	FOBS=	114.4	SIGMA=	1.5	PHAS=	27.1	FOM=	0.89	TEST=	0
INDE	18	30	48	FOBS=	146.2	SIGMA=	1.2	PHAS=	49.3	FOM=	0.97	TEST=	0
INDE	18	30	50	FOBS=	46.2	SIGMA=	3.5	PHAS=	47.8	FOM=	0.48	TEST=	1
INDE	18	30	52	FOBS=	128.0	SIGMA=	1.3	PHAS=	153.6	FOM=	0.94	TEST=	0
INDE	18	30	54	FOBS=	33.7	SIGMA=	5.1	PHAS=	-28.1	FOM=	0.16	TEST=	0
INDE	18	30	56	FOBS=	60.7	SIGMA=	3.0	PHAS=	45.7	FOM=	0.91	TEST=	0
INDE	18	30	58	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	30	60	FOBS=	71.3	SIGMA=	2.7	PHAS=	-44.8	FOM=	0.75	TEST=	0
INDE	18	30	62	FOBS=	77.3	SIGMA=	2.8	PHAS=	-168.3	FOM=	0.87	TEST=	0
INDE	18	30	64	FOBS=	37.2	SIGMA=	14.4	PHAS=	148.1	FOM=	0.02	TEST=	1
INDE	18	30	66	FOBS=	39.8	SIGMA=	13.7	PHAS=	-23.5	FOM=	0.60	TEST=	0
INDE	18	30	68	FOBS=	83.2	SIGMA=	6.9	PHAS=	151.3	FOM=	0.89	TEST=	0
INDE	18	31	19	FOBS=	147.2	SIGMA=	1.0	PHAS=	-137.7	FOM=	0.96	TEST=	0
INDE	18	31	21	FOBS=	150.1	SIGMA=	1.0	PHAS=	156.8	FOM=	0.97	TEST=	0
INDE	18	31	23	FOBS=	266.5	SIGMA=	0.7	PHAS=	37.1	FOM=	0.97	TEST=	0
INDE	18	31	25	FOBS=	161.5	SIGMA=	1.0	PHAS=	24.4	FOM=	0.83	TEST=	1
INDE	18	31	27	FOBS=	252.6	SIGMA=	0.8	PHAS=	-108.9	FOM=	0.93	TEST=	0
INDE	18	31	29	FOBS=	40.5	SIGMA=	4.2	PHAS=	149.8	FOM=	0.76	TEST=	0
INDE	18	31	31	FOBS=	119.9	SIGMA=	1.4	PHAS=	-50.6	FOM=	0.79	TEST=	0
INDE	18	31	33	FOBS=	204.5	SIGMA=	1.0	PHAS=	-119.5	FOM=	0.88	TEST=	1
INDE	18	31	35	FOBS=	247.7	SIGMA=	1.1	PHAS=	-162.0	FOM=	0.95	TEST=	0
INDE	18	31	37	FOBS=	83.8	SIGMA=	2.5	PHAS=	-60.4	FOM=	0.86	TEST=	0
INDE	18	31	39	FOBS=	134.8	SIGMA=	1.5	PHAS=	26.2	FOM=	0.90	TEST=	0
INDE	18	31	41	FOBS=	159.9	SIGMA=	1.3	PHAS=	26.1	FOM=	0.94	TEST=	0
INDE	18	31	43	FOBS=	72.8	SIGMA=	2.3	PHAS=	-163.1	FOM=	0.68	TEST=	0
INDE	18	31	45	FOBS=	126.4	SIGMA=	1.4	PHAS=	-61.0	FOM=	0.96	TEST=	0
INDE	18	31	47	FOBS=	30.3	SIGMA=	5.7	PHAS=	23.5	FOM=	0.29	TEST=	0

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INDE	18	31	49	FOBS=	70.8	SIGMA=	2.3	PHAS=	-33.9	FOM=	0.92	TEST=	1
INDE	18	31	51	FOBS=	121.1	SIGMA=	1.4	PHAS=	80.8	FOM=	0.93	TEST=	0
INDE	18	31	53	FOBS=	55.9	SIGMA=	2.8	PHAS=	-149.2	FOM=	0.75	TEST=	0
INDE	18	31	55	FOBS=	38.1	SIGMA=	5.7	PHAS=	169.1	FOM=	0.34	TEST=	0
INDE	18	31	57	FOBS=	68.5	SIGMA=	2.8	PHAS=	-81.0	FOM=	0.88	TEST=	0
INDE	18	31	59	FOBS=	48.4	SIGMA=	3.9	PHAS=	-153.1	FOM=	0.78	TEST=	0
INDE	18	31	61	FOBS=	34.1	SIGMA=	7.9	PHAS=	-174.1	FOM=	0.47	TEST=	0
INDE	18	31	63	FOBS=	66.6	SIGMA=	4.0	PHAS=	117.4	FOM=	0.84	TEST=	0
INDE	18	31	65	FOBS=	91.9	SIGMA=	6.0	PHAS=	-144.1	FOM=	0.85	TEST=	0
INDE	18	31	67	FOBS=	93.4	SIGMA=	6.2	PHAS=	174.9	FOM=	0.90	TEST=	0
INDE	18	31	69	FOBS=	58.8	SIGMA=	10.0	PHAS=	17.7	FOM=	0.64	TEST=	0
INDE	18	32	18	FOBS=	109.3	SIGMA=	1.3	PHAS=	112.2	FOM=	0.76	TEST=	0
INDE	18	32	20	FOBS=	245.1	SIGMA=	0.7	PHAS=	15.4	FOM=	0.94	TEST=	0
INDE	18	32	22	FOBS=	346.7	SIGMA=	0.6	PHAS=	-23.0	FOM=	0.97	TEST=	0
INDE	18	32	24	FOBS=	244.7	SIGMA=	0.8	PHAS=	11.9	FOM=	0.96	TEST=	0
INDE	18	32	26	FOBS=	69.7	SIGMA=	2.3	PHAS=	17.5	FOM=	0.93	TEST=	0
INDE	18	32	28	FOBS=	258.1	SIGMA=	0.8	PHAS=	-13.6	FOM=	0.90	TEST=	1
INDE	18	32	30	FOBS=	40.7	SIGMA=	3.9	PHAS=	-10.9	FOM=	0.71	TEST=	0
INDE	18	32	32	FOBS=	96.7	SIGMA=	1.8	PHAS=	84.4	FOM=	0.86	TEST=	1
INDE	18	32	34	FOBS=	164.2	SIGMA=	1.4	PHAS=	128.7	FOM=	0.90	TEST=	0
INDE	18	32	36	FOBS=	88.7	SIGMA=	2.4	PHAS=	-153.7	FOM=	0.88	TEST=	0
INDE	18	32	38	FOBS=	138.6	SIGMA=	1.6	PHAS=	87.9	FOM=	0.95	TEST=	0
INDE	18	32	40	FOBS=	123.9	SIGMA=	1.6	PHAS=	-24.1	FOM=	0.93	TEST=	0
INDE	18	32	42	FOBS=	36.1	SIGMA=	5.5	PHAS=	50.5	FOM=	0.54	TEST=	0
INDE	18	32	44	FOBS=	87.2	SIGMA=	2.2	PHAS=	149.2	FOM=	0.95	TEST=	0
INDE	18	32	46	FOBS=	67.1	SIGMA=	2.5	PHAS=	-3.4	FOM=	0.91	TEST=	0
INDE	18	32	48	FOBS=	96.2	SIGMA=	1.8	PHAS=	-23.9	FOM=	0.95	TEST=	0
INDE	18	32	50	FOBS=	85.0	SIGMA=	1.9	PHAS=	-104.5	FOM=	0.87	TEST=	0
INDE	18	32	52	FOBS=	52.6	SIGMA=	3.0	PHAS=	67.6	FOM=	0.04	TEST=	1
INDE	18	32	54	FOBS=	59.0	SIGMA=	3.1	PHAS=	158.5	FOM=	0.63	TEST=	0
INDE	18	32	56	FOBS=	53.4	SIGMA=	3.6	PHAS=	-157.8	FOM=	0.79	TEST=	0
INDE	18	32	58	FOBS=	48.1	SIGMA=	3.9	PHAS=	-154.0	FOM=	0.82	TEST=	0
INDE	18	32	60	FOBS=	20.4	SIGMA=	10.4	PHAS=	-126.0	FOM=	0.05	TEST=	0
INDE	18	32	62	FOBS=	51.4	SIGMA=	5.1	PHAS=	160.7	FOM=	0.85	TEST=	0
INDE	18	32	64	FOBS=	28.2	SIGMA=	10.8	PHAS=	127.1	FOM=	0.31	TEST=	0
INDE	18	32	66	FOBS=	34.2	SIGMA=	11.5	PHAS=	-133.7	FOM=	0.05	TEST=	1
INDE	18	33	19	FOBS=	198.4	SIGMA=	0.8	PHAS=	-59.8	FOM=	0.87	TEST=	0
INDE	18	33	21	FOBS=	207.1	SIGMA=	0.8	PHAS=	-149.5	FOM=	0.92	TEST=	0
INDE	18	33	23	FOBS=	312.4	SIGMA=	0.6	PHAS=	-29.7	FOM=	0.97	TEST=	0
INDE	18	33	25	FOBS=	139.6	SIGMA=	1.2	PHAS=	-30.4	FOM=	0.91	TEST=	1
INDE	18	33	27	FOBS=	196.1	SIGMA=	0.9	PHAS=	-112.3	FOM=	0.91	TEST=	0
INDE	18	33	29	FOBS=	127.0	SIGMA=	1.4	PHAS=	-122.3	FOM=	0.91	TEST=	0
INDE	18	33	31	FOBS=	66.7	SIGMA=	2.6	PHAS=	122.2	FOM=	0.32	TEST=	0
INDE	18	33	33	FOBS=	130.4	SIGMA=	1.5	PHAS=	114.8	FOM=	0.96	TEST=	0
INDE	18	33	35	FOBS=	151.2	SIGMA=	1.5	PHAS=	134.0	FOM=	0.94	TEST=	0
INDE	18	33	37	FOBS=	45.8	SIGMA=	4.6	PHAS=	25.7	FOM=	0.41	TEST=	0
INDE	18	33	39	FOBS=	180.2	SIGMA=	1.2	PHAS=	-59.7	FOM=	0.89	TEST=	0
INDE	18	33	41	FOBS=	96.1	SIGMA=	2.0	PHAS=	-3.8	FOM=	0.76	TEST=	0
INDE	18	33	43	FOBS=	53.6	SIGMA=	3.5	PHAS=	-162.3	FOM=	0.28	TEST=	0
INDE	18	33	45	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	33	47	FOBS=	31.3	SIGMA=	5.5	PHAS=	-125.7	FOM=	0.22	TEST=	0
INDE	18	33	49	FOBS=	108.8	SIGMA=	1.6	PHAS=	-155.2	FOM=	0.93	TEST=	0
INDE	18	33	51	FOBS=	47.8	SIGMA=	3.4	PHAS=	136.8	FOM=	0.44	TEST=	0
INDE	18	33	53	FOBS=	56.7	SIGMA=	2.9	PHAS=	65.9	FOM=	0.78	TEST=	0
INDE	18	33	55	FOBS=	39.7	SIGMA=	5.1	PHAS=	137.0	FOM=	0.40	TEST=	0
INDE	18	33	57	FOBS=	64.5	SIGMA=	3.0	PHAS=	124.0	FOM=	0.90	TEST=	0
INDE	18	33	59	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	18	33	61	FOBS=	43.9	SIGMA=	5.0	PHAS=	73.8	FOM=	0.71	TEST=	0
INDE	18	33	63	FOBS=	42.8	SIGMA=	6.2	PHAS=	111.8	FOM=	0.62	TEST=	0
INDE	18	33	65	FOBS=	67.7	SIGMA=	4.7	PHAS=	130.1	FOM=	0.69	TEST=	0
INDE	18	33	67	FOBS=	40.6	SIGMA=	9.9	PHAS=	167.8	FOM=	0.87	TEST=	0
INDE	18	34	18	FOBS=	88.2	SIGMA=	1.7	PHAS=	-82.8	FOM=	0.88	TEST=	0
INDE	18	34	20	FOBS=	65.9	SIGMA=	2.1	PHAS=	88.1	FOM=	0.86	TEST=	0
INDE	18	34	22	FOBS=	133.3	SIGMA=	1.1	PHAS=	-105.2	FOM=	0.92	TEST=	0
INDE	18	34	24	FOBS=	171.7	SIGMA=	1.0	PHAS=	-70.9	FOM=	0.86	TEST=	0
INDE	18	34	26	FOBS=	113.8	SIGMA=	1.5	PHAS=	25.0	FOM=	0.91	TEST=	0
INDE	18	34	28	FOBS=	97.3	SIGMA=	1.9	PHAS=	-33.5	FOM=	0.84	TEST=	0
INDE	18	34	30	FOBS=	49.9	SIGMA=	3.9	PHAS=	132.8	FOM=	0.57	TEST=	1
INDE	18	34	32	FOBS=	299.2	SIGMA=	1.0	PHAS=	37.8	FOM=	0.97	TEST=	0
INDE	18	34	34	FOBS=	243.6	SIGMA=	0.9	PHAS=	33.6	FOM=	0.94	TEST=	0

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INDE 18 34 36 FOBS= 0.0 SIGMA= 21.0 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 18 34 38 FOBS= 56.3 SIGMA= 3.7 PHAS= 165.7 FOM= 0.79 TEST= 0
INDE 18 34 40 FOBS= 100.8 SIGMA= 1.9 PHAS= -103.5 FOM= 0.86 TEST= 0
INDE 18 34 42 FOBS= 90.1 SIGMA= 2.1 PHAS= 4.2 FOM= 0.91 TEST= 0
INDE 18 34 44 FOBS= 94.3 SIGMA= 2.0 PHAS= 66.0 FOM= 0.90 TEST= 0
INDE 18 34 46 FOBS= 117.5 SIGMA= 1.6 PHAS= -77.3 FOM= 0.05 TEST= 1
INDE 18 34 48 FOBS= 15.5 SIGMA= 13.9 PHAS= 176.6 FOM= 0.04 TEST= 0
INDE 18 34 50 FOBS= 50.2 SIGMA= 3.2 PHAS= 25.6 FOM= 0.54 TEST= 0
INDE 18 34 52 FOBS= 128.1 SIGMA= 1.5 PHAS= -44.8 FOM= 0.89 TEST= 0
INDE 18 34 54 FOBS= 38.3 SIGMA= 5.0 PHAS= 125.3 FOM= 0.56 TEST= 0
INDE 18 34 56 FOBS= 31.2 SIGMA= 6.0 PHAS= -145.9 FOM= 0.36 TEST= 0
INDE 18 34 58 FOBS= 67.6 SIGMA= 3.5 PHAS= 12.2 FOM= 0.90 TEST= 0
INDE 18 34 60 FOBS= 65.1 SIGMA= 3.3 PHAS= 1.1 FOM= 0.42 TEST= 0
INDE 18 34 62 FOBS= 21.4 SIGMA= 11.0 PHAS= 110.9 FOM= 0.24 TEST= 0
INDE 18 34 64 FOBS= 76.8 SIGMA= 3.2 PHAS= -26.0 FOM= 0.87 TEST= 0
INDE 18 34 66 FOBS= 32.6 SIGMA= 10.0 PHAS= -118.5 FOM= 0.07 TEST= 1
INDE 18 35 19 FOBS= 37.4 SIGMA= 4.2 PHAS= 5.6 FOM= 0.40 TEST= 0
INDE 18 35 21 FOBS= 51.0 SIGMA= 2.9 PHAS= -170.5 FOM= 0.85 TEST= 0
INDE 18 35 23 FOBS= 143.5 SIGMA= 1.1 PHAS= -30.4 FOM= 0.90 TEST= 0
INDE 18 35 25 FOBS= 252.7 SIGMA= 0.7 PHAS= -117.9 FOM= 0.97 TEST= 0
INDE 18 35 27 FOBS= 197.6 SIGMA= 1.0 PHAS= 99.6 FOM= 0.37 TEST= 1
INDE 18 35 29 FOBS= 154.0 SIGMA= 1.4 PHAS= 97.1 FOM= 0.95 TEST= 0
INDE 18 35 31 FOBS= 136.3 SIGMA= 1.6 PHAS= -11.5 FOM= 0.90 TEST= 0
INDE 18 35 33 FOBS= 149.6 SIGMA= 1.3 PHAS= -30.7 FOM= 0.84 TEST= 0
INDE 18 35 35 FOBS= 37.2 SIGMA= 5.2 PHAS= -126.7 FOM= 0.43 TEST= 0
INDE 18 35 37 FOBS= 0.0 SIGMA= 20.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 18 35 39 FOBS= 117.7 SIGMA= 1.7 PHAS= -73.9 FOM= 0.35 TEST= 1
INDE 18 35 41 FOBS= 92.5 SIGMA= 2.1 PHAS= -146.0 FOM= 0.77 TEST= 0
INDE 18 35 43 FOBS= 7.8 SIGMA= 27.0 PHAS= 5.2 FOM= 0.01 TEST= 0
INDE 18 35 45 FOBS= 38.1 SIGMA= 5.1 PHAS= 12.8 FOM= 0.73 TEST= 0
INDE 18 35 47 FOBS= 69.6 SIGMA= 2.9 PHAS= 77.7 FOM= 0.67 TEST= 1
INDE 18 35 49 FOBS= 75.0 SIGMA= 2.4 PHAS= -134.7 FOM= 0.81 TEST= 0
INDE 18 35 51 FOBS= 167.1 SIGMA= 1.2 PHAS= -139.5 FOM= 0.56 TEST= 1
INDE 18 35 53 FOBS= 30.7 SIGMA= 6.3 PHAS= 125.2 FOM= 0.55 TEST= 0
INDE 18 35 55 FOBS= 63.6 SIGMA= 3.4 PHAS= 177.9 FOM= 0.71 TEST= 0
INDE 18 35 57 FOBS= 75.0 SIGMA= 2.9 PHAS= 172.2 FOM= 0.83 TEST= 0
INDE 18 35 59 FOBS= 77.6 SIGMA= 2.8 PHAS= -96.2 FOM= 0.86 TEST= 0
INDE 18 35 61 FOBS= 58.2 SIGMA= 4.7 PHAS= 112.6 FOM= 0.87 TEST= 0
INDE 18 35 63 FOBS= 54.7 SIGMA= 4.1 PHAS= -175.9 FOM= 0.77 TEST= 0
INDE 18 35 65 FOBS= 70.3 SIGMA= 4.6 PHAS= -162.2 FOM= 0.91 TEST= 0
INDE 18 35 67 FOBS= 26.8 SIGMA= 15.2 PHAS= -135.9 FOM= 0.36 TEST= 0
INDE 18 36 18 FOBS= 269.1 SIGMA= 0.7 PHAS= -93.2 FOM= 0.92 TEST= 0
INDE 18 36 20 FOBS= 11.4 SIGMA= 14.6 PHAS= 110.5 FOM= 0.04 TEST= 0
INDE 18 36 22 FOBS= 134.3 SIGMA= 1.2 PHAS= 163.6 FOM= 0.63 TEST= 0
INDE 18 36 24 FOBS= 55.8 SIGMA= 3.0 PHAS= -168.7 FOM= 0.94 TEST= 0
INDE 18 36 26 FOBS= 121.4 SIGMA= 1.5 PHAS= -1.8 FOM= 0.87 TEST= 0
INDE 18 36 28 FOBS= 367.0 SIGMA= 0.8 PHAS= -39.0 FOM= 0.98 TEST= 0
INDE 18 36 30 FOBS= 0.0 SIGMA= 21.0 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 18 36 32 FOBS= 198.0 SIGMA= 1.1 PHAS= -10.6 FOM= 0.94 TEST= 0
INDE 18 36 34 FOBS= 178.6 SIGMA= 1.1 PHAS= 16.3 FOM= 0.92 TEST= 0
INDE 18 36 36 FOBS= 98.7 SIGMA= 1.9 PHAS= 113.6 FOM= 0.93 TEST= 0
INDE 18 36 38 FOBS= 61.3 SIGMA= 3.4 PHAS= 171.6 FOM= 0.28 TEST= 0
INDE 18 36 40 FOBS= 21.3 SIGMA= 10.4 PHAS= 84.1 FOM= 0.15 TEST= 0
INDE 18 36 42 FOBS= 31.5 SIGMA= 6.0 PHAS= -41.0 FOM= 0.14 TEST= 0
INDE 18 36 44 FOBS= 82.9 SIGMA= 2.3 PHAS= -26.1 FOM= 0.78 TEST= 0
INDE 18 36 46 FOBS= 173.3 SIGMA= 1.3 PHAS= -45.9 FOM= 0.96 TEST= 0
INDE 18 36 48 FOBS= 52.6 SIGMA= 3.5 PHAS= -116.4 FOM= 0.84 TEST= 0
INDE 18 36 50 FOBS= 75.1 SIGMA= 2.6 PHAS= 46.8 FOM= 0.76 TEST= 1
INDE 18 36 52 FOBS= 92.1 SIGMA= 2.1 PHAS= -163.1 FOM= 0.77 TEST= 0
INDE 18 36 54 FOBS= 114.4 SIGMA= 2.0 PHAS= 72.7 FOM= 0.93 TEST= 0
INDE 18 36 56 FOBS= 61.7 SIGMA= 3.5 PHAS= -49.4 FOM= 0.63 TEST= 0
INDE 18 36 58 FOBS= 72.7 SIGMA= 3.0 PHAS= -162.4 FOM= 0.54 TEST= 0
INDE 18 36 60 FOBS= 105.3 SIGMA= 2.3 PHAS= 58.2 FOM= 0.95 TEST= 0
INDE 18 36 62 FOBS= 87.3 SIGMA= 2.6 PHAS= 61.8 FOM= 0.95 TEST= 0
INDE 18 36 64 FOBS= 106.1 SIGMA= 2.7 PHAS= 8.6 FOM= 0.94 TEST= 0
INDE 18 36 66 FOBS= 26.1 SIGMA= 12.4 PHAS= 37.0 FOM= 0.43 TEST= 0
INDE 18 37 19 FOBS= 264.7 SIGMA= 0.8 PHAS= 130.4 FOM= 0.96 TEST= 0
INDE 18 37 21 FOBS= 121.8 SIGMA= 1.4 PHAS= -36.6 FOM= 0.80 TEST= 0
INDE 18 37 23 FOBS= 49.9 SIGMA= 3.5 PHAS= 6.7 FOM= 0.53 TEST= 0
INDE 18 37 25 FOBS= 285.1 SIGMA= 0.8 PHAS= -55.9 FOM= 0.97 TEST= 0

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INDE	18	37	27	FOBS=	191.2	SIGMA=	1.0	PHAS=	-140.4	FOM=	0.89	TEST=	0
INDE	18	37	29	FOBS=	76.1	SIGMA=	2.8	PHAS=	-120.9	FOM=	0.87	TEST=	0
INDE	18	37	31	FOBS=	233.5	SIGMA=	1.0	PHAS=	-35.3	FOM=	0.94	TEST=	0
INDE	18	37	33	FOBS=	281.7	SIGMA=	0.8	PHAS=	-98.3	FOM=	0.98	TEST=	0
INDE	18	37	35	FOBS=	139.8	SIGMA=	1.4	PHAS=	-57.9	FOM=	0.95	TEST=	0
INDE	18	37	37	FOBS=	77.6	SIGMA=	2.4	PHAS=	-176.1	FOM=	0.70	TEST=	0
INDE	18	37	39	FOBS=	100.5	SIGMA=	2.1	PHAS=	-75.2	FOM=	0.81	TEST=	0
INDE	18	37	41	FOBS=	44.4	SIGMA=	4.3	PHAS=	168.4	FOM=	0.81	TEST=	0
INDE	18	37	43	FOBS=	40.2	SIGMA=	4.6	PHAS=	13.9	FOM=	0.56	TEST=	0
INDE	18	37	45	FOBS=	222.0	SIGMA=	1.0	PHAS=	-110.5	FOM=	0.98	TEST=	0
INDE	18	37	47	FOBS=	227.4	SIGMA=	0.9	PHAS=	148.8	FOM=	0.98	TEST=	0
INDE	18	37	49	FOBS=	106.4	SIGMA=	1.9	PHAS=	-178.9	FOM=	0.96	TEST=	0
INDE	18	37	51	FOBS=	100.1	SIGMA=	2.3	PHAS=	-63.8	FOM=	0.91	TEST=	0
INDE	18	37	53	FOBS=	122.7	SIGMA=	1.8	PHAS=	141.4	FOM=	0.92	TEST=	0
INDE	18	37	55	FOBS=	82.8	SIGMA=	2.7	PHAS=	-76.9	FOM=	0.84	TEST=	0
INDE	18	37	57	FOBS=	80.2	SIGMA=	2.7	PHAS=	169.9	FOM=	0.92	TEST=	0
INDE	18	37	59	FOBS=	147.0	SIGMA=	1.6	PHAS=	93.4	FOM=	0.39	TEST=	1
INDE	18	37	61	FOBS=	77.8	SIGMA=	2.8	PHAS=	-36.4	FOM=	0.93	TEST=	0
INDE	18	37	63	FOBS=	90.4	SIGMA=	2.5	PHAS=	-2.5	FOM=	0.92	TEST=	0
INDE	18	37	65	FOBS=	86.9	SIGMA=	3.8	PHAS=	-122.1	FOM=	0.92	TEST=	0
INDE	18	38	18	FOBS=	77.1	SIGMA=	2.2	PHAS=	81.7	FOM=	0.91	TEST=	0
INDE	18	38	20	FOBS=	98.9	SIGMA=	1.7	PHAS=	61.0	FOM=	0.66	TEST=	0
INDE	18	38	22	FOBS=	145.6	SIGMA=	1.3	PHAS=	2.6	FOM=	0.97	TEST=	0
INDE	18	38	24	FOBS=	152.1	SIGMA=	1.3	PHAS=	177.3	FOM=	0.87	TEST=	0
INDE	18	38	26	FOBS=	27.5	SIGMA=	7.7	PHAS=	30.2	FOM=	0.02	TEST=	1
INDE	18	38	28	FOBS=	35.6	SIGMA=	5.2	PHAS=	59.9	FOM=	0.52	TEST=	0
INDE	18	38	30	FOBS=	38.9	SIGMA=	5.2	PHAS=	-166.1	FOM=	0.79	TEST=	0
INDE	18	38	32	FOBS=	102.2	SIGMA=	2.0	PHAS=	-172.6	FOM=	0.75	TEST=	0
INDE	18	38	34	FOBS=	195.9	SIGMA=	1.0	PHAS=	-167.7	FOM=	0.71	TEST=	1
INDE	18	38	36	FOBS=	210.3	SIGMA=	1.0	PHAS=	135.6	FOM=	0.91	TEST=	0
INDE	18	38	38	FOBS=	34.0	SIGMA=	6.6	PHAS=	-117.5	FOM=	0.19	TEST=	0
INDE	18	38	40	FOBS=	46.6	SIGMA=	4.1	PHAS=	78.9	FOM=	0.64	TEST=	1
INDE	18	38	42	FOBS=	57.5	SIGMA=	3.3	PHAS=	86.1	FOM=	0.62	TEST=	0
INDE	18	38	44	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	18	38	46	FOBS=	124.8	SIGMA=	1.6	PHAS=	134.8	FOM=	0.90	TEST=	0
INDE	18	38	48	FOBS=	130.7	SIGMA=	1.6	PHAS=	91.8	FOM=	0.94	TEST=	0
INDE	18	38	50	FOBS=	35.7	SIGMA=	8.4	PHAS=	149.2	FOM=	0.55	TEST=	0
INDE	18	38	52	FOBS=	89.1	SIGMA=	2.5	PHAS=	-151.1	FOM=	0.87	TEST=	0
INDE	18	38	54	FOBS=	88.9	SIGMA=	2.5	PHAS=	162.7	FOM=	0.88	TEST=	0
INDE	18	38	56	FOBS=	73.9	SIGMA=	3.0	PHAS=	169.7	FOM=	0.43	TEST=	0
INDE	18	38	58	FOBS=	76.2	SIGMA=	2.9	PHAS=	-67.1	FOM=	0.78	TEST=	0
INDE	18	38	60	FOBS=	69.5	SIGMA=	3.2	PHAS=	0.0	FOM=	0.91	TEST=	0
INDE	18	38	62	FOBS=	49.7	SIGMA=	4.5	PHAS=	9.5	FOM=	0.77	TEST=	0
INDE	18	38	64	FOBS=	127.1	SIGMA=	2.3	PHAS=	-56.6	FOM=	0.97	TEST=	0
INDE	18	39	19	FOBS=	193.3	SIGMA=	1.1	PHAS=	60.9	FOM=	0.97	TEST=	0
INDE	18	39	21	FOBS=	211.4	SIGMA=	1.0	PHAS=	-92.3	FOM=	0.94	TEST=	0
INDE	18	39	23	FOBS=	62.3	SIGMA=	3.1	PHAS=	49.8	FOM=	0.75	TEST=	0
INDE	18	39	25	FOBS=	336.3	SIGMA=	0.8	PHAS=	-31.9	FOM=	0.97	TEST=	0
INDE	18	39	27	FOBS=	104.2	SIGMA=	1.7	PHAS=	-111.8	FOM=	0.80	TEST=	0
INDE	18	39	29	FOBS=	25.4	SIGMA=	6.9	PHAS=	-71.0	FOM=	0.43	TEST=	1
INDE	18	39	31	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	39	33	FOBS=	84.7	SIGMA=	2.5	PHAS=	67.7	FOM=	0.88	TEST=	1
INDE	18	39	35	FOBS=	74.6	SIGMA=	2.5	PHAS=	112.7	FOM=	0.60	TEST=	0
INDE	18	39	37	FOBS=	50.8	SIGMA=	3.6	PHAS=	40.7	FOM=	0.80	TEST=	0
INDE	18	39	39	FOBS=	74.1	SIGMA=	2.8	PHAS=	29.1	FOM=	0.85	TEST=	0
INDE	18	39	41	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	39	43	FOBS=	29.2	SIGMA=	6.3	PHAS=	-154.0	FOM=	0.01	TEST=	0
INDE	18	39	45	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	39	47	FOBS=	118.0	SIGMA=	2.0	PHAS=	65.9	FOM=	0.95	TEST=	0
INDE	18	39	49	FOBS=	54.6	SIGMA=	4.1	PHAS=	-151.9	FOM=	0.45	TEST=	0
INDE	18	39	51	FOBS=	46.3	SIGMA=	4.8	PHAS=	136.1	FOM=	0.34	TEST=	0
INDE	18	39	53	FOBS=	74.0	SIGMA=	3.0	PHAS=	118.2	FOM=	0.90	TEST=	0
INDE	18	39	55	FOBS=	91.8	SIGMA=	2.7	PHAS=	179.1	FOM=	0.88	TEST=	0
INDE	18	39	57	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	39	59	FOBS=	32.5	SIGMA=	7.3	PHAS=	74.3	FOM=	0.12	TEST=	1
INDE	18	39	61	FOBS=	96.2	SIGMA=	2.4	PHAS=	-78.2	FOM=	0.95	TEST=	0
INDE	18	39	63	FOBS=	47.4	SIGMA=	6.9	PHAS=	-149.2	FOM=	0.86	TEST=	0
INDE	18	40	18	FOBS=	69.5	SIGMA=	2.9	PHAS=	35.8	FOM=	0.72	TEST=	0
INDE	18	40	20	FOBS=	82.5	SIGMA=	2.4	PHAS=	-61.1	FOM=	0.93	TEST=	0
INDE	18	40	22	FOBS=	135.2	SIGMA=	1.5	PHAS=	-128.7	FOM=	0.94	TEST=	0

INDE	18	40	24	FOBS=	203.6	SIGMA=	1.1	PHAS=	-141.0	FOM=	0.98	TEST=	0
INDE	18	40	26	FOBS=	181.2	SIGMA=	1.1	PHAS=	-163.6	FOM=	0.95	TEST=	0
INDE	18	40	28	FOBS=	335.1	SIGMA=	0.7	PHAS=	-168.7	FOM=	0.97	TEST=	0
INDE	18	40	30	FOBS=	138.8	SIGMA=	1.3	PHAS=	109.1	FOM=	0.93	TEST=	0
INDE	18	40	32	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	40	34	FOBS=	97.1	SIGMA=	2.2	PHAS=	-83.5	FOM=	0.90	TEST=	1
INDE	18	40	36	FOBS=	85.4	SIGMA=	2.2	PHAS=	95.5	FOM=	0.66	TEST=	0
INDE	18	40	38	FOBS=	195.5	SIGMA=	1.1	PHAS=	-11.3	FOM=	0.96	TEST=	0
INDE	18	40	40	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	40	42	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	40	44	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	40	46	FOBS=	18.4	SIGMA=	12.0	PHAS=	-114.4	FOM=	0.50	TEST=	0
INDE	18	40	48	FOBS=	85.7	SIGMA=	2.6	PHAS=	60.1	FOM=	0.94	TEST=	0
INDE	18	40	50	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	40	52	FOBS=	60.9	SIGMA=	3.6	PHAS=	-145.8	FOM=	0.78	TEST=	0
INDE	18	40	54	FOBS=	71.2	SIGMA=	3.1	PHAS=	105.9	FOM=	0.85	TEST=	0
INDE	18	40	56	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	40	58	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	40	60	FOBS=	8.2	SIGMA=	32.7	PHAS=	116.1	FOM=	0.01	TEST=	1
INDE	18	40	62	FOBS=	23.5	SIGMA=	13.3	PHAS=	134.1	FOM=	0.58	TEST=	0
INDE	18	40	64	FOBS=	55.9	SIGMA=	5.2	PHAS=	-37.6	FOM=	0.86	TEST=	0
INDE	18	41	19	FOBS=	215.5	SIGMA=	1.1	PHAS=	65.8	FOM=	0.96	TEST=	0
INDE	18	41	21	FOBS=	41.0	SIGMA=	5.1	PHAS=	91.0	FOM=	0.44	TEST=	0
INDE	18	41	23	FOBS=	321.7	SIGMA=	0.8	PHAS=	90.2	FOM=	0.97	TEST=	0
INDE	18	41	25	FOBS=	76.4	SIGMA=	2.5	PHAS=	-110.9	FOM=	0.88	TEST=	0
INDE	18	41	27	FOBS=	265.4	SIGMA=	1.0	PHAS=	110.1	FOM=	0.97	TEST=	0
INDE	18	41	29	FOBS=	144.3	SIGMA=	1.3	PHAS=	61.0	FOM=	0.87	TEST=	0
INDE	18	41	31	FOBS=	118.9	SIGMA=	1.5	PHAS=	19.2	FOM=	0.91	TEST=	0
INDE	18	41	33	FOBS=	211.0	SIGMA=	1.0	PHAS=	-50.4	FOM=	0.96	TEST=	0
INDE	18	41	35	FOBS=	85.4	SIGMA=	2.3	PHAS=	-166.6	FOM=	0.93	TEST=	0
INDE	18	41	37	FOBS=	39.7	SIGMA=	4.8	PHAS=	-171.6	FOM=	0.38	TEST=	0
INDE	18	41	39	FOBS=	34.5	SIGMA=	5.6	PHAS=	-80.2	FOM=	0.25	TEST=	0
INDE	18	41	41	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	41	43	FOBS=	33.7	SIGMA=	6.8	PHAS=	110.9	FOM=	0.36	TEST=	0
INDE	18	41	45	FOBS=	52.1	SIGMA=	4.3	PHAS=	116.2	FOM=	0.74	TEST=	0
INDE	18	41	47	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	41	49	FOBS=	37.2	SIGMA=	5.9	PHAS=	116.3	FOM=	0.39	TEST=	0
INDE	18	41	51	FOBS=	64.2	SIGMA=	3.5	PHAS=	36.7	FOM=	0.83	TEST=	0
INDE	18	41	53	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	41	55	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	41	57	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	41	59	FOBS=	45.3	SIGMA=	4.9	PHAS=	-22.5	FOM=	0.08	TEST=	1
INDE	18	41	61	FOBS=	48.2	SIGMA=	5.7	PHAS=	-2.7	FOM=	0.10	TEST=	1
INDE	18	41	63	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	42	18	FOBS=	107.8	SIGMA=	1.9	PHAS=	-47.7	FOM=	0.92	TEST=	0
INDE	18	42	20	FOBS=	145.8	SIGMA=	1.4	PHAS=	-100.5	FOM=	0.94	TEST=	0
INDE	18	42	22	FOBS=	258.9	SIGMA=	0.9	PHAS=	-65.2	FOM=	0.93	TEST=	0
INDE	18	42	24	FOBS=	119.4	SIGMA=	1.7	PHAS=	176.6	FOM=	0.76	TEST=	1
INDE	18	42	26	FOBS=	130.2	SIGMA=	1.5	PHAS=	99.6	FOM=	0.91	TEST=	0
INDE	18	42	28	FOBS=	48.9	SIGMA=	3.8	PHAS=	-64.2	FOM=	0.84	TEST=	0
INDE	18	42	30	FOBS=	91.2	SIGMA=	1.9	PHAS=	166.8	FOM=	0.69	TEST=	0
INDE	18	42	32	FOBS=	244.7	SIGMA=	0.9	PHAS=	-120.3	FOM=	0.97	TEST=	0
INDE	18	42	34	FOBS=	78.6	SIGMA=	2.5	PHAS=	-126.9	FOM=	0.82	TEST=	0
INDE	18	42	36	FOBS=	123.4	SIGMA=	1.7	PHAS=	90.5	FOM=	0.95	TEST=	0
INDE	18	42	38	FOBS=	143.5	SIGMA=	1.6	PHAS=	25.4	FOM=	0.93	TEST=	0
INDE	18	42	40	FOBS=	41.9	SIGMA=	5.0	PHAS=	-9.3	FOM=	0.59	TEST=	0
INDE	18	42	42	FOBS=	119.8	SIGMA=	2.0	PHAS=	30.4	FOM=	0.92	TEST=	0
INDE	18	42	44	FOBS=	64.1	SIGMA=	3.6	PHAS=	-11.3	FOM=	0.61	TEST=	0
INDE	18	42	46	FOBS=	13.5	SIGMA=	22.7	PHAS=	158.3	FOM=	0.14	TEST=	0
INDE	18	42	48	FOBS=	64.6	SIGMA=	3.5	PHAS=	69.6	FOM=	0.87	TEST=	0
INDE	18	42	50	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	42	52	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	42	54	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	42	56	FOBS=	24.1	SIGMA=	9.1	PHAS=	-21.0	FOM=	0.10	TEST=	1
INDE	18	42	58	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	42	60	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	42	62	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	43	19	FOBS=	148.9	SIGMA=	1.5	PHAS=	133.2	FOM=	0.85	TEST=	0
INDE	18	43	21	FOBS=	124.0	SIGMA=	1.6	PHAS=	11.5	FOM=	0.48	TEST=	1
INDE	18	43	23	FOBS=	220.5	SIGMA=	1.0	PHAS=	74.9	FOM=	0.91	TEST=	0

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INDE	18	43	25	FOBS=	28.3	SIGMA=	7.2	PHAS=	-103.2	FOM=	0.18	TEST=	1
INDE	18	43	27	FOBS=	165.3	SIGMA=	1.2	PHAS=	54.6	FOM=	0.93	TEST=	0
INDE	18	43	29	FOBS=	76.5	SIGMA=	2.5	PHAS=	20.0	FOM=	0.69	TEST=	0
INDE	18	43	31	FOBS=	208.8	SIGMA=	1.0	PHAS=	154.7	FOM=	0.96	TEST=	1
INDE	18	43	33	FOBS=	99.0	SIGMA=	1.9	PHAS=	-66.8	FOM=	0.47	TEST=	0
INDE	18	43	35	FOBS=	134.3	SIGMA=	1.7	PHAS=	-133.5	FOM=	0.92	TEST=	0
INDE	18	43	37	FOBS=	73.6	SIGMA=	2.9	PHAS=	-65.7	FOM=	0.88	TEST=	0
INDE	18	43	39	FOBS=	54.4	SIGMA=	3.9	PHAS=	-39.3	FOM=	0.89	TEST=	0
INDE	18	43	41	FOBS=	75.2	SIGMA=	2.8	PHAS=	-78.0	FOM=	0.85	TEST=	0
INDE	18	43	43	FOBS=	68.0	SIGMA=	3.4	PHAS=	-38.9	FOM=	0.73	TEST=	0
INDE	18	43	45	FOBS=	81.3	SIGMA=	2.9	PHAS=	6.6	FOM=	0.86	TEST=	0
INDE	18	43	47	FOBS=	56.7	SIGMA=	4.0	PHAS=	-107.8	FOM=	0.80	TEST=	1
INDE	18	43	49	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	43	51	FOBS=	60.0	SIGMA=	3.7	PHAS=	13.4	FOM=	0.67	TEST=	0
INDE	18	43	53	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	43	55	FOBS=	52.3	SIGMA=	4.3	PHAS=	148.9	FOM=	0.76	TEST=	0
INDE	18	43	57	FOBS=	66.8	SIGMA=	3.3	PHAS=	-172.1	FOM=	0.56	TEST=	0
INDE	18	43	59	FOBS=	5.7	SIGMA=	43.4	PHAS=	73.3	FOM=	0.04	TEST=	0
INDE	18	43	61	FOBS=	31.6	SIGMA=	9.0	PHAS=	-109.7	FOM=	0.67	TEST=	0
INDE	18	44	18	FOBS=	147.1	SIGMA=	1.4	PHAS=	155.1	FOM=	0.91	TEST=	0
INDE	18	44	20	FOBS=	78.6	SIGMA=	2.6	PHAS=	-117.5	FOM=	0.83	TEST=	0
INDE	18	44	22	FOBS=	143.5	SIGMA=	1.4	PHAS=	-79.5	FOM=	0.92	TEST=	0
INDE	18	44	24	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	44	26	FOBS=	55.0	SIGMA=	3.6	PHAS=	92.3	FOM=	0.61	TEST=	0
INDE	18	44	28	FOBS=	148.1	SIGMA=	1.5	PHAS=	-39.2	FOM=	0.82	TEST=	0
INDE	18	44	30	FOBS=	84.9	SIGMA=	2.3	PHAS=	151.0	FOM=	0.90	TEST=	1
INDE	18	44	32	FOBS=	94.0	SIGMA=	2.1	PHAS=	-172.7	FOM=	0.91	TEST=	0
INDE	18	44	34	FOBS=	108.9	SIGMA=	1.8	PHAS=	110.0	FOM=	0.93	TEST=	0
INDE	18	44	36	FOBS=	139.2	SIGMA=	1.7	PHAS=	149.3	FOM=	0.96	TEST=	0
INDE	18	44	38	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	44	40	FOBS=	31.5	SIGMA=	6.5	PHAS=	-65.7	FOM=	0.81	TEST=	0
INDE	18	44	42	FOBS=	85.2	SIGMA=	2.4	PHAS=	-110.2	FOM=	0.16	TEST=	1
INDE	18	44	44	FOBS=	92.0	SIGMA=	2.5	PHAS=	-106.1	FOM=	0.85	TEST=	0
INDE	18	44	46	FOBS=	82.0	SIGMA=	2.8	PHAS=	156.9	FOM=	0.64	TEST=	0
INDE	18	44	48	FOBS=	28.8	SIGMA=	7.7	PHAS=	93.0	FOM=	0.53	TEST=	0
INDE	18	44	50	FOBS=	68.2	SIGMA=	3.3	PHAS=	130.8	FOM=	0.62	TEST=	0
INDE	18	44	52	FOBS=	42.5	SIGMA=	5.2	PHAS=	176.5	FOM=	0.65	TEST=	0
INDE	18	44	54	FOBS=	51.8	SIGMA=	4.3	PHAS=	119.2	FOM=	0.83	TEST=	0
INDE	18	44	56	FOBS=	29.9	SIGMA=	7.4	PHAS=	53.1	FOM=	0.50	TEST=	0
INDE	18	44	58	FOBS=	63.6	SIGMA=	3.6	PHAS=	-162.7	FOM=	0.13	TEST=	0
INDE	18	44	60	FOBS=	0.0	SIGMA=	25.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	45	19	FOBS=	97.7	SIGMA=	2.1	PHAS=	70.1	FOM=	0.27	TEST=	1
INDE	18	45	21	FOBS=	142.5	SIGMA=	1.5	PHAS=	115.9	FOM=	0.61	TEST=	0
INDE	18	45	23	FOBS=	42.9	SIGMA=	4.7	PHAS=	-136.9	FOM=	0.18	TEST=	0
INDE	18	45	25	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	45	27	FOBS=	142.7	SIGMA=	1.6	PHAS=	-9.6	FOM=	0.89	TEST=	0
INDE	18	45	29	FOBS=	58.0	SIGMA=	3.8	PHAS=	13.6	FOM=	0.74	TEST=	0
INDE	18	45	31	FOBS=	120.5	SIGMA=	1.7	PHAS=	-177.2	FOM=	0.96	TEST=	0
INDE	18	45	33	FOBS=	144.9	SIGMA=	1.4	PHAS=	-25.0	FOM=	0.94	TEST=	0
INDE	18	45	35	FOBS=	58.9	SIGMA=	3.4	PHAS=	83.2	FOM=	0.46	TEST=	1
INDE	18	45	37	FOBS=	27.4	SIGMA=	8.0	PHAS=	66.4	FOM=	0.59	TEST=	0
INDE	18	45	39	FOBS=	9.9	SIGMA=	20.9	PHAS=	-157.9	FOM=	0.42	TEST=	0
INDE	18	45	41	FOBS=	68.4	SIGMA=	3.1	PHAS=	-168.4	FOM=	0.62	TEST=	0
INDE	18	45	43	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	45	45	FOBS=	68.7	SIGMA=	3.4	PHAS=	19.0	FOM=	0.86	TEST=	0
INDE	18	45	47	FOBS=	56.5	SIGMA=	4.0	PHAS=	-69.0	FOM=	0.27	TEST=	1
INDE	18	45	49	FOBS=	108.8	SIGMA=	2.1	PHAS=	32.3	FOM=	0.89	TEST=	0
INDE	18	45	51	FOBS=	42.8	SIGMA=	5.2	PHAS=	54.7	FOM=	0.72	TEST=	0
INDE	18	45	53	FOBS=	33.8	SIGMA=	6.6	PHAS=	87.0	FOM=	0.76	TEST=	0
INDE	18	45	55	FOBS=	53.4	SIGMA=	4.2	PHAS=	-49.9	FOM=	0.76	TEST=	0
INDE	18	45	57	FOBS=	38.8	SIGMA=	5.8	PHAS=	168.4	FOM=	0.65	TEST=	0
INDE	18	45	59	FOBS=	76.8	SIGMA=	3.7	PHAS=	-120.3	FOM=	0.76	TEST=	0
INDE	18	46	18	FOBS=	237.8	SIGMA=	1.0	PHAS=	-179.1	FOM=	0.95	TEST=	0
INDE	18	46	20	FOBS=	17.6	SIGMA=	13.1	PHAS=	12.9	FOM=	0.03	TEST=	0
INDE	18	46	22	FOBS=	63.6	SIGMA=	3.4	PHAS=	29.3	FOM=	0.67	TEST=	0
INDE	18	46	24	FOBS=	153.8	SIGMA=	1.5	PHAS=	-151.4	FOM=	0.90	TEST=	0
INDE	18	46	26	FOBS=	23.8	SIGMA=	9.2	PHAS=	-68.3	FOM=	0.08	TEST=	1
INDE	18	46	28	FOBS=	50.6	SIGMA=	4.7	PHAS=	165.9	FOM=	0.18	TEST=	0
INDE	18	46	30	FOBS=	31.6	SIGMA=	7.6	PHAS=	108.4	FOM=	0.23	TEST=	0
INDE	18	46	32	FOBS=	117.0	SIGMA=	1.7	PHAS=	-143.6	FOM=	0.89	TEST=	0

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INDE	18	46	34	FOBS=	173.1	SIGMA=	1.2	PHAS=	156.7	FOM=	0.94	TEST=	0
INDE	18	46	36	FOBS=	63.4	SIGMA=	3.2	PHAS=	135.5	FOM=	0.54	TEST=	0
INDE	18	46	38	FOBS=	96.9	SIGMA=	2.0	PHAS=	43.0	FOM=	0.52	TEST=	0
INDE	18	46	40	FOBS=	118.3	SIGMA=	1.8	PHAS=	71.7	FOM=	0.91	TEST=	0
INDE	18	46	42	FOBS=	46.5	SIGMA=	4.5	PHAS=	-129.0	FOM=	0.36	TEST=	1
INDE	18	46	44	FOBS=	92.3	SIGMA=	2.2	PHAS=	-112.2	FOM=	0.95	TEST=	0
INDE	18	46	46	FOBS=	91.0	SIGMA=	2.5	PHAS=	174.1	FOM=	0.86	TEST=	0
INDE	18	46	48	FOBS=	82.3	SIGMA=	2.8	PHAS=	-74.2	FOM=	0.91	TEST=	0
INDE	18	46	50	FOBS=	71.4	SIGMA=	3.2	PHAS=	-33.6	FOM=	0.81	TEST=	0
INDE	18	46	52	FOBS=	55.4	SIGMA=	4.1	PHAS=	-107.8	FOM=	0.59	TEST=	0
INDE	18	46	54	FOBS=	0.0	SIGMA=	25.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	46	56	FOBS=	54.6	SIGMA=	4.1	PHAS=	122.6	FOM=	0.81	TEST=	0
INDE	18	46	58	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	46	60	FOBS=	44.5	SIGMA=	9.4	PHAS=	-171.7	FOM=	0.50	TEST=	0
INDE	18	47	19	FOBS=	103.8	SIGMA=	2.1	PHAS=	69.0	FOM=	0.94	TEST=	0
INDE	18	47	21	FOBS=	235.6	SIGMA=	1.1	PHAS=	-9.6	FOM=	0.96	TEST=	0
INDE	18	47	23	FOBS=	149.0	SIGMA=	1.5	PHAS=	158.0	FOM=	0.94	TEST=	0
INDE	18	47	25	FOBS=	62.3	SIGMA=	3.8	PHAS=	-115.4	FOM=	0.54	TEST=	0
INDE	18	47	27	FOBS=	38.9	SIGMA=	6.0	PHAS=	-146.0	FOM=	0.56	TEST=	0
INDE	18	47	29	FOBS=	235.1	SIGMA=	1.1	PHAS=	164.1	FOM=	0.97	TEST=	0
INDE	18	47	31	FOBS=	64.9	SIGMA=	3.4	PHAS=	-121.0	FOM=	0.84	TEST=	0
INDE	18	47	33	FOBS=	60.6	SIGMA=	3.2	PHAS=	131.9	FOM=	0.38	TEST=	0
INDE	18	47	35	FOBS=	71.1	SIGMA=	2.9	PHAS=	31.3	FOM=	0.89	TEST=	0
INDE	18	47	37	FOBS=	61.8	SIGMA=	3.3	PHAS=	-63.7	FOM=	0.56	TEST=	0
INDE	18	47	39	FOBS=	45.9	SIGMA=	4.2	PHAS=	-30.7	FOM=	0.74	TEST=	0
INDE	18	47	41	FOBS=	58.2	SIGMA=	3.6	PHAS=	33.5	FOM=	0.69	TEST=	0
INDE	18	47	43	FOBS=	35.9	SIGMA=	5.5	PHAS=	63.9	FOM=	0.67	TEST=	0
INDE	18	47	45	FOBS=	65.6	SIGMA=	3.0	PHAS=	92.0	FOM=	0.73	TEST=	0
INDE	18	47	47	FOBS=	16.0	SIGMA=	15.2	PHAS=	-97.5	FOM=	0.01	TEST=	1
INDE	18	47	49	FOBS=	49.6	SIGMA=	4.5	PHAS=	175.5	FOM=	0.69	TEST=	0
INDE	18	47	51	FOBS=	45.3	SIGMA=	5.0	PHAS=	-179.4	FOM=	0.75	TEST=	0
INDE	18	47	53	FOBS=	35.3	SIGMA=	6.4	PHAS=	106.7	FOM=	0.59	TEST=	0
INDE	18	47	55	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	47	57	FOBS=	60.7	SIGMA=	4.6	PHAS=	172.6	FOM=	0.14	TEST=	1
INDE	18	47	59	FOBS=	0.0	SIGMA=	29.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	48	18	FOBS=	106.2	SIGMA=	2.1	PHAS=	162.9	FOM=	0.93	TEST=	0
INDE	18	48	20	FOBS=	218.6	SIGMA=	1.1	PHAS=	-43.3	FOM=	0.10	TEST=	1
INDE	18	48	22	FOBS=	48.8	SIGMA=	4.3	PHAS=	-23.8	FOM=	0.57	TEST=	0
INDE	18	48	24	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	48	26	FOBS=	116.6	SIGMA=	1.9	PHAS=	137.6	FOM=	0.45	TEST=	0
INDE	18	48	28	FOBS=	120.6	SIGMA=	1.9	PHAS=	32.5	FOM=	0.76	TEST=	0
INDE	18	48	30	FOBS=	204.6	SIGMA=	1.2	PHAS=	71.4	FOM=	0.95	TEST=	0
INDE	18	48	32	FOBS=	136.4	SIGMA=	1.5	PHAS=	-179.4	FOM=	0.50	TEST=	1
INDE	18	48	34	FOBS=	122.5	SIGMA=	1.6	PHAS=	150.4	FOM=	0.94	TEST=	0
INDE	18	48	36	FOBS=	21.8	SIGMA=	11.0	PHAS=	3.3	FOM=	0.17	TEST=	0
INDE	18	48	38	FOBS=	91.8	SIGMA=	2.2	PHAS=	153.6	FOM=	0.76	TEST=	0
INDE	18	48	40	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	48	42	FOBS=	79.9	SIGMA=	2.7	PHAS=	-94.1	FOM=	0.54	TEST=	0
INDE	18	48	44	FOBS=	114.7	SIGMA=	1.8	PHAS=	-57.6	FOM=	0.86	TEST=	0
INDE	18	48	46	FOBS=	66.9	SIGMA=	3.0	PHAS=	-158.4	FOM=	0.88	TEST=	0
INDE	18	48	48	FOBS=	93.6	SIGMA=	2.5	PHAS=	-11.1	FOM=	0.42	TEST=	1
INDE	18	48	50	FOBS=	25.7	SIGMA=	8.7	PHAS=	-90.0	FOM=	0.24	TEST=	0
INDE	18	48	52	FOBS=	103.7	SIGMA=	2.2	PHAS=	133.5	FOM=	0.91	TEST=	0
INDE	18	48	54	FOBS=	62.9	SIGMA=	3.6	PHAS=	-58.4	FOM=	0.90	TEST=	0
INDE	18	48	56	FOBS=	58.2	SIGMA=	4.8	PHAS=	-74.7	FOM=	0.65	TEST=	0
INDE	18	48	58	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	49	19	FOBS=	86.9	SIGMA=	2.4	PHAS=	-92.1	FOM=	0.86	TEST=	0
INDE	18	49	21	FOBS=	114.7	SIGMA=	2.0	PHAS=	135.2	FOM=	0.87	TEST=	1
INDE	18	49	23	FOBS=	162.4	SIGMA=	1.4	PHAS=	101.9	FOM=	0.93	TEST=	0
INDE	18	49	25	FOBS=	106.4	SIGMA=	2.1	PHAS=	20.8	FOM=	0.92	TEST=	0
INDE	18	49	27	FOBS=	68.8	SIGMA=	3.2	PHAS=	-167.4	FOM=	0.61	TEST=	0
INDE	18	49	29	FOBS=	89.4	SIGMA=	2.5	PHAS=	13.5	FOM=	0.82	TEST=	0
INDE	18	49	31	FOBS=	70.6	SIGMA=	3.1	PHAS=	-70.4	FOM=	0.77	TEST=	0
INDE	18	49	33	FOBS=	158.7	SIGMA=	1.3	PHAS=	102.1	FOM=	0.96	TEST=	0
INDE	18	49	35	FOBS=	83.9	SIGMA=	2.3	PHAS=	-13.9	FOM=	0.92	TEST=	0
INDE	18	49	37	FOBS=	54.8	SIGMA=	3.7	PHAS=	67.4	FOM=	0.10	TEST=	0
INDE	18	49	39	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	18	49	41	FOBS=	71.6	SIGMA=	2.7	PHAS=	-52.9	FOM=	0.67	TEST=	0
INDE	18	49	43	FOBS=	40.4	SIGMA=	5.3	PHAS=	146.4	FOM=	0.06	TEST=	0
INDE	18	49	45	FOBS=	48.9	SIGMA=	4.0	PHAS=	-124.6	FOM=	0.23	TEST=	0

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INDE	18	49	47	FOBS=	48.3	SIGMA=	4.1	PHAS=	-119.1	FOM=	0.55	TEST=	0
INDE	18	49	49	FOBS=	43.5	SIGMA=	5.2	PHAS=	-169.6	FOM=	0.76	TEST=	0
INDE	18	49	51	FOBS=	32.4	SIGMA=	7.0	PHAS=	24.2	FOM=	0.51	TEST=	0
INDE	18	49	53	FOBS=	49.8	SIGMA=	4.6	PHAS=	-117.9	FOM=	0.69	TEST=	0
INDE	18	49	55	FOBS=	68.8	SIGMA=	4.1	PHAS=	176.4	FOM=	0.89	TEST=	0
INDE	18	49	57	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	50	18	FOBS=	50.2	SIGMA=	5.4	PHAS=	136.0	FOM=	0.48	TEST=	0
INDE	18	50	20	FOBS=	65.7	SIGMA=	3.2	PHAS=	-171.4	FOM=	0.91	TEST=	1
INDE	18	50	22	FOBS=	223.1	SIGMA=	1.1	PHAS=	48.6	FOM=	0.97	TEST=	0
INDE	18	50	24	FOBS=	231.5	SIGMA=	1.1	PHAS=	28.4	FOM=	0.91	TEST=	1
INDE	18	50	26	FOBS=	35.0	SIGMA=	6.2	PHAS=	-151.2	FOM=	0.70	TEST=	0
INDE	18	50	28	FOBS=	122.3	SIGMA=	1.8	PHAS=	-44.4	FOM=	0.93	TEST=	0
INDE	18	50	30	FOBS=	103.2	SIGMA=	2.2	PHAS=	-10.2	FOM=	0.93	TEST=	0
INDE	18	50	32	FOBS=	122.8	SIGMA=	1.8	PHAS=	65.3	FOM=	0.93	TEST=	0
INDE	18	50	34	FOBS=	91.3	SIGMA=	2.1	PHAS=	-92.1	FOM=	0.85	TEST=	0
INDE	18	50	36	FOBS=	77.1	SIGMA=	2.6	PHAS=	-63.0	FOM=	0.91	TEST=	0
INDE	18	50	38	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	50	40	FOBS=	46.5	SIGMA=	4.0	PHAS=	-75.6	FOM=	0.40	TEST=	0
INDE	18	50	42	FOBS=	60.2	SIGMA=	3.2	PHAS=	-138.7	FOM=	0.83	TEST=	0
INDE	18	50	44	FOBS=	133.1	SIGMA=	1.6	PHAS=	60.7	FOM=	0.17	TEST=	1
INDE	18	50	46	FOBS=	2.2	SIGMA=	88.4	PHAS=	-175.2	FOM=	0.02	TEST=	0
INDE	18	50	48	FOBS=	63.8	SIGMA=	3.1	PHAS=	27.8	FOM=	0.88	TEST=	0
INDE	18	50	50	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	50	52	FOBS=	65.1	SIGMA=	3.6	PHAS=	-178.3	FOM=	0.91	TEST=	0
INDE	18	50	54	FOBS=	31.4	SIGMA=	9.0	PHAS=	-42.1	FOM=	0.65	TEST=	0
INDE	18	50	56	FOBS=	19.7	SIGMA=	16.5	PHAS=	-141.9	FOM=	0.33	TEST=	0
INDE	18	51	19	FOBS=	104.8	SIGMA=	2.1	PHAS=	-62.7	FOM=	0.95	TEST=	0
INDE	18	51	21	FOBS=	125.9	SIGMA=	1.9	PHAS=	134.8	FOM=	0.94	TEST=	0
INDE	18	51	23	FOBS=	133.9	SIGMA=	1.7	PHAS=	-44.4	FOM=	0.83	TEST=	1
INDE	18	51	25	FOBS=	66.3	SIGMA=	3.3	PHAS=	-51.1	FOM=	0.80	TEST=	0
INDE	18	51	27	FOBS=	10.0	SIGMA=	23.6	PHAS=	175.4	FOM=	0.15	TEST=	0
INDE	18	51	29	FOBS=	91.1	SIGMA=	2.4	PHAS=	-139.4	FOM=	0.86	TEST=	0
INDE	18	51	31	FOBS=	69.1	SIGMA=	3.1	PHAS=	-75.7	FOM=	0.87	TEST=	0
INDE	18	51	33	FOBS=	36.1	SIGMA=	6.5	PHAS=	54.8	FOM=	0.40	TEST=	0
INDE	18	51	35	FOBS=	118.6	SIGMA=	1.7	PHAS=	-166.2	FOM=	0.91	TEST=	0
INDE	18	51	37	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	51	39	FOBS=	22.2	SIGMA=	8.9	PHAS=	83.3	FOM=	0.35	TEST=	0
INDE	18	51	41	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	18	51	43	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	51	45	FOBS=	79.9	SIGMA=	2.5	PHAS=	-45.9	FOM=	0.88	TEST=	0
INDE	18	51	47	FOBS=	94.8	SIGMA=	2.2	PHAS=	-108.0	FOM=	0.88	TEST=	0
INDE	18	51	49	FOBS=	44.2	SIGMA=	4.5	PHAS=	-66.9	FOM=	0.37	TEST=	0
INDE	18	51	51	FOBS=	15.1	SIGMA=	16.2	PHAS=	99.4	FOM=	0.56	TEST=	0
INDE	18	51	53	FOBS=	49.0	SIGMA=	5.8	PHAS=	169.5	FOM=	0.78	TEST=	0
INDE	18	51	55	FOBS=	28.5	SIGMA=	12.2	PHAS=	-159.8	FOM=	0.39	TEST=	0
INDE	18	52	18	FOBS=	20.9	SIGMA=	10.5	PHAS=	-131.3	FOM=	0.11	TEST=	0
INDE	18	52	20	FOBS=	65.4	SIGMA=	3.2	PHAS=	151.5	FOM=	0.55	TEST=	0
INDE	18	52	22	FOBS=	194.7	SIGMA=	1.2	PHAS=	61.2	FOM=	0.95	TEST=	0
INDE	18	52	24	FOBS=	102.2	SIGMA=	2.1	PHAS=	25.9	FOM=	0.67	TEST=	0
INDE	18	52	26	FOBS=	90.8	SIGMA=	2.4	PHAS=	-84.1	FOM=	0.87	TEST=	0
INDE	18	52	28	FOBS=	58.8	SIGMA=	3.6	PHAS=	12.1	FOM=	0.82	TEST=	0
INDE	18	52	30	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	52	32	FOBS=	31.1	SIGMA=	6.8	PHAS=	-104.0	FOM=	0.30	TEST=	0
INDE	18	52	34	FOBS=	86.2	SIGMA=	2.4	PHAS=	-89.7	FOM=	0.85	TEST=	0
INDE	18	52	36	FOBS=	34.9	SIGMA=	5.8	PHAS=	18.3	FOM=	0.30	TEST=	1
INDE	18	52	38	FOBS=	68.5	SIGMA=	3.2	PHAS=	-80.3	FOM=	0.78	TEST=	0
INDE	18	52	40	FOBS=	69.7	SIGMA=	2.9	PHAS=	-78.5	FOM=	0.88	TEST=	0
INDE	18	52	42	FOBS=	19.3	SIGMA=	10.7	PHAS=	151.8	FOM=	0.23	TEST=	0
INDE	18	52	44	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	52	46	FOBS=	82.1	SIGMA=	2.5	PHAS=	-161.5	FOM=	0.90	TEST=	0
INDE	18	52	48	FOBS=	37.5	SIGMA=	5.4	PHAS=	176.8	FOM=	0.58	TEST=	0
INDE	18	52	50	FOBS=	73.8	SIGMA=	3.1	PHAS=	112.1	FOM=	0.90	TEST=	0
INDE	18	52	52	FOBS=	31.9	SIGMA=	9.4	PHAS=	-14.2	FOM=	0.13	TEST=	0
INDE	18	52	54	FOBS=	0.0	SIGMA=	29.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	53	19	FOBS=	9.6	SIGMA=	31.3	PHAS=	162.2	FOM=	0.32	TEST=	1
INDE	18	53	21	FOBS=	168.9	SIGMA=	1.3	PHAS=	-100.9	FOM=	0.96	TEST=	0
INDE	18	53	23	FOBS=	102.9	SIGMA=	2.1	PHAS=	-175.0	FOM=	0.77	TEST=	0
INDE	18	53	25	FOBS=	120.3	SIGMA=	1.8	PHAS=	-136.5	FOM=	0.85	TEST=	0
INDE	18	53	27	FOBS=	70.8	SIGMA=	3.0	PHAS=	-22.3	FOM=	0.72	TEST=	0
INDE	18	53	29	FOBS=	5.9	SIGMA=	39.8	PHAS=	48.6	FOM=	0.05	TEST=	0

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FOBS=

INDE	18	53	31	FOBS=	35.4	SIGMA=	6.0	PHAS=	112.5	FOM=	0.34	TEST=	0
INDE	18	53	33	FOBS=	39.2	SIGMA=	5.4	PHAS=	-113.9	FOM=	0.62	TEST=	0
INDE	18	53	35	FOBS=	43.4	SIGMA=	4.7	PHAS=	-147.4	FOM=	0.55	TEST=	0
INDE	18	53	37	FOBS=	54.3	SIGMA=	3.7	PHAS=	-55.1	FOM=	0.66	TEST=	0
INDE	18	53	39	FOBS=	46.9	SIGMA=	4.3	PHAS=	115.5	FOM=	0.67	TEST=	0
INDE	18	53	41	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	53	43	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	53	45	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	53	47	FOBS=	59.0	SIGMA=	3.8	PHAS=	78.9	FOM=	0.68	TEST=	0
INDE	18	53	49	FOBS=	121.8	SIGMA=	2.0	PHAS=	21.2	FOM=	0.96	TEST=	0
INDE	18	53	51	FOBS=	40.0	SIGMA=	8.6	PHAS=	-30.2	FOM=	0.42	TEST=	0
INDE	18	53	53	FOBS=	0.0	SIGMA=	30.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	54	18	FOBS=	53.5	SIGMA=	4.1	PHAS=	157.1	FOM=	0.33	TEST=	0
INDE	18	54	20	FOBS=	159.9	SIGMA=	1.4	PHAS=	117.5	FOM=	0.94	TEST=	0
INDE	18	54	22	FOBS=	91.2	SIGMA=	2.3	PHAS=	111.1	FOM=	0.83	TEST=	0
INDE	18	54	24	FOBS=	58.4	SIGMA=	3.6	PHAS=	69.1	FOM=	0.84	TEST=	0
INDE	18	54	26	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	18	54	28	FOBS=	68.3	SIGMA=	3.1	PHAS=	-37.7	FOM=	0.40	TEST=	1
INDE	18	54	30	FOBS=	30.1	SIGMA=	7.0	PHAS=	-27.3	FOM=	0.22	TEST=	0
INDE	18	54	32	FOBS=	95.1	SIGMA=	2.3	PHAS=	-145.3	FOM=	0.34	TEST=	0
INDE	18	54	34	FOBS=	48.1	SIGMA=	4.4	PHAS=	-158.8	FOM=	0.58	TEST=	0
INDE	18	54	36	FOBS=	121.4	SIGMA=	1.6	PHAS=	-122.0	FOM=	0.95	TEST=	0
INDE	18	54	38	FOBS=	143.0	SIGMA=	1.5	PHAS=	-99.9	FOM=	0.91	TEST=	0
INDE	18	54	40	FOBS=	30.2	SIGMA=	8.0	PHAS=	-106.1	FOM=	0.21	TEST=	1
INDE	18	54	42	FOBS=	34.0	SIGMA=	6.1	PHAS=	168.7	FOM=	0.55	TEST=	0
INDE	18	54	44	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	54	46	FOBS=	31.4	SIGMA=	7.1	PHAS=	-81.2	FOM=	0.45	TEST=	0
INDE	18	54	48	FOBS=	99.4	SIGMA=	2.6	PHAS=	-87.1	FOM=	0.94	TEST=	0
INDE	18	54	50	FOBS=	30.5	SIGMA=	9.1	PHAS=	178.2	FOM=	0.43	TEST=	0
INDE	18	54	52	FOBS=	55.0	SIGMA=	5.9	PHAS=	-142.0	FOM=	0.79	TEST=	0
INDE	18	55	19	FOBS=	82.3	SIGMA=	3.3	PHAS=	46.6	FOM=	0.86	TEST=	0
INDE	18	55	21	FOBS=	95.2	SIGMA=	2.2	PHAS=	-51.7	FOM=	0.66	TEST=	0
INDE	18	55	23	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	55	25	FOBS=	49.1	SIGMA=	4.2	PHAS=	-148.8	FOM=	0.78	TEST=	0
INDE	18	55	27	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	55	29	FOBS=	60.2	SIGMA=	3.5	PHAS=	58.2	FOM=	0.87	TEST=	0
INDE	18	55	31	FOBS=	95.7	SIGMA=	2.3	PHAS=	-17.0	FOM=	0.75	TEST=	0
INDE	18	55	33	FOBS=	47.6	SIGMA=	4.8	PHAS=	-166.0	FOM=	0.10	TEST=	1
INDE	18	55	35	FOBS=	152.6	SIGMA=	1.5	PHAS=	133.7	FOM=	0.95	TEST=	0
INDE	18	55	37	FOBS=	118.1	SIGMA=	1.8	PHAS=	-144.8	FOM=	0.58	TEST=	1
INDE	18	55	39	FOBS=	49.7	SIGMA=	4.5	PHAS=	6.3	FOM=	0.78	TEST=	0
INDE	18	55	41	FOBS=	51.3	SIGMA=	4.8	PHAS=	-123.7	FOM=	0.74	TEST=	0
INDE	18	55	43	FOBS=	64.2	SIGMA=	3.3	PHAS=	-9.0	FOM=	0.88	TEST=	0
INDE	18	55	45	FOBS=	59.3	SIGMA=	3.7	PHAS=	47.7	FOM=	0.85	TEST=	0
INDE	18	55	47	FOBS=	42.2	SIGMA=	7.3	PHAS=	-68.9	FOM=	0.09	TEST=	1
INDE	18	55	49	FOBS=	94.0	SIGMA=	3.1	PHAS=	47.5	FOM=	0.92	TEST=	0
INDE	18	55	51	FOBS=	78.6	SIGMA=	4.2	PHAS=	84.5	FOM=	0.90	TEST=	0
INDE	18	56	18	FOBS=	50.8	SIGMA=	3.7	PHAS=	-22.3	FOM=	0.85	TEST=	0
INDE	18	56	20	FOBS=	107.4	SIGMA=	2.5	PHAS=	6.2	FOM=	0.89	TEST=	0
INDE	18	56	22	FOBS=	82.2	SIGMA=	2.7	PHAS=	-38.8	FOM=	0.79	TEST=	0
INDE	18	56	24	FOBS=	90.9	SIGMA=	2.3	PHAS=	72.3	FOM=	0.90	TEST=	0
INDE	18	56	26	FOBS=	62.5	SIGMA=	3.3	PHAS=	11.2	FOM=	0.82	TEST=	0
INDE	18	56	28	FOBS=	72.8	SIGMA=	2.9	PHAS=	-27.5	FOM=	0.77	TEST=	0
INDE	18	56	30	FOBS=	45.8	SIGMA=	4.6	PHAS=	-87.4	FOM=	0.66	TEST=	0
INDE	18	56	32	FOBS=	64.7	SIGMA=	3.7	PHAS=	152.1	FOM=	0.71	TEST=	0
INDE	18	56	34	FOBS=	111.6	SIGMA=	2.2	PHAS=	53.6	FOM=	0.94	TEST=	0
INDE	18	56	36	FOBS=	38.4	SIGMA=	7.9	PHAS=	158.8	FOM=	0.59	TEST=	0
INDE	18	56	38	FOBS=	88.4	SIGMA=	2.8	PHAS=	-106.0	FOM=	0.92	TEST=	0
INDE	18	56	40	FOBS=	16.8	SIGMA=	16.2	PHAS=	3.5	FOM=	0.20	TEST=	0
INDE	18	56	42	FOBS=	122.9	SIGMA=	2.1	PHAS=	-119.3	FOM=	0.97	TEST=	0
INDE	18	56	44	FOBS=	107.6	SIGMA=	2.1	PHAS=	-83.3	FOM=	0.92	TEST=	0
INDE	18	56	46	FOBS=	77.8	SIGMA=	3.0	PHAS=	-15.7	FOM=	0.90	TEST=	0
INDE	18	56	48	FOBS=	47.1	SIGMA=	7.7	PHAS=	-80.3	FOM=	0.82	TEST=	0
INDE	18	56	50	FOBS=	55.9	SIGMA=	5.9	PHAS=	-59.5	FOM=	0.77	TEST=	0
INDE	18	57	19	FOBS=	129.7	SIGMA=	2.1	PHAS=	-96.7	FOM=	0.96	TEST=	0
INDE	18	57	21	FOBS=	85.0	SIGMA=	3.1	PHAS=	-102.1	FOM=	0.93	TEST=	0
INDE	18	57	23	FOBS=	76.4	SIGMA=	2.7	PHAS=	-145.5	FOM=	0.80	TEST=	0
INDE	18	57	25	FOBS=	56.0	SIGMA=	3.7	PHAS=	-42.7	FOM=	0.65	TEST=	0
INDE	18	57	27	FOBS=	90.4	SIGMA=	2.6	PHAS=	-98.2	FOM=	0.80	TEST=	0
INDE	18	57	29	FOBS=	94.1	SIGMA=	2.5	PHAS=	-46.7	FOM=	0.37	TEST=	0

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INDE	18	57	31	FOBS=	44.1	SIGMA=	5.9	PHAS=	-39.9	FOM=	0.42	TEST=	0
INDE	18	57	33	FOBS=	107.7	SIGMA=	2.5	PHAS=	-15.8	FOM=	0.89	TEST=	0
INDE	18	57	35	FOBS=	46.8	SIGMA=	5.7	PHAS=	97.4	FOM=	0.26	TEST=	0
INDE	18	57	37	FOBS=	75.9	SIGMA=	3.0	PHAS=	127.0	FOM=	0.71	TEST=	0
INDE	18	57	39	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	57	41	FOBS=	55.7	SIGMA=	4.5	PHAS=	152.2	FOM=	0.84	TEST=	0
INDE	18	57	43	FOBS=	35.4	SIGMA=	7.5	PHAS=	119.5	FOM=	0.72	TEST=	0
INDE	18	57	45	FOBS=	42.4	SIGMA=	5.7	PHAS=	-176.8	FOM=	0.49	TEST=	0
INDE	18	57	47	FOBS=	47.9	SIGMA=	5.8	PHAS=	4.5	FOM=	0.04	TEST=	1
INDE	18	57	49	FOBS=	44.5	SIGMA=	8.5	PHAS=	97.4	FOM=	0.70	TEST=	0
INDE	18	58	18	FOBS=	64.9	SIGMA=	3.3	PHAS=	105.9	FOM=	0.83	TEST=	0
INDE	18	58	20	FOBS=	75.2	SIGMA=	3.5	PHAS=	-151.7	FOM=	0.81	TEST=	0
INDE	18	58	22	FOBS=	49.5	SIGMA=	4.3	PHAS=	99.1	FOM=	0.86	TEST=	0
INDE	18	58	24	FOBS=	95.9	SIGMA=	2.6	PHAS=	62.7	FOM=	0.94	TEST=	0
INDE	18	58	26	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	58	28	FOBS=	105.5	SIGMA=	2.5	PHAS=	-156.8	FOM=	0.85	TEST=	0
INDE	18	58	30	FOBS=	76.8	SIGMA=	3.4	PHAS=	-16.8	FOM=	0.10	TEST=	1
INDE	18	58	32	FOBS=	41.7	SIGMA=	6.3	PHAS=	-146.1	FOM=	0.58	TEST=	0
INDE	18	58	34	FOBS=	0.0	SIGMA=	25.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	58	36	FOBS=	53.1	SIGMA=	5.1	PHAS=	60.4	FOM=	0.82	TEST=	0
INDE	18	58	38	FOBS=	46.5	SIGMA=	4.9	PHAS=	-41.6	FOM=	0.39	TEST=	0
INDE	18	58	40	FOBS=	38.1	SIGMA=	7.3	PHAS=	34.5	FOM=	0.64	TEST=	0
INDE	18	58	42	FOBS=	97.2	SIGMA=	2.7	PHAS=	-67.9	FOM=	0.95	TEST=	0
INDE	18	58	44	FOBS=	67.6	SIGMA=	3.3	PHAS=	-34.1	FOM=	0.85	TEST=	0
INDE	18	58	46	FOBS=	0.0	SIGMA=	24.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	58	48	FOBS=	23.2	SIGMA=	13.8	PHAS=	-73.2	FOM=	0.31	TEST=	0
INDE	18	59	19	FOBS=	62.4	SIGMA=	3.7	PHAS=	-62.6	FOM=	0.52	TEST=	0
INDE	18	59	21	FOBS=	125.5	SIGMA=	2.9	PHAS=	113.2	FOM=	0.87	TEST=	0
INDE	18	59	23	FOBS=	33.9	SIGMA=	7.1	PHAS=	64.3	FOM=	0.45	TEST=	0
INDE	18	59	25	FOBS=	79.7	SIGMA=	3.1	PHAS=	-49.8	FOM=	0.90	TEST=	0
INDE	18	59	27	FOBS=	61.6	SIGMA=	4.1	PHAS=	82.3	FOM=	0.85	TEST=	0
INDE	18	59	29	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	59	31	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	59	33	FOBS=	11.6	SIGMA=	25.8	PHAS=	-113.4	FOM=	0.09	TEST=	0
INDE	18	59	35	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	59	37	FOBS=	65.2	SIGMA=	3.8	PHAS=	-37.1	FOM=	0.67	TEST=	0
INDE	18	59	39	FOBS=	62.5	SIGMA=	4.0	PHAS=	13.3	FOM=	0.87	TEST=	0
INDE	18	59	41	FOBS=	92.5	SIGMA=	2.8	PHAS=	-117.5	FOM=	0.95	TEST=	0
INDE	18	59	43	FOBS=	55.8	SIGMA=	4.7	PHAS=	166.9	FOM=	0.87	TEST=	0
INDE	18	59	45	FOBS=	83.1	SIGMA=	3.4	PHAS=	136.9	FOM=	0.92	TEST=	0
INDE	18	59	47	FOBS=	19.9	SIGMA=	15.8	PHAS=	-3.3	FOM=	0.12	TEST=	0
INDE	18	60	18	FOBS=	32.6	SIGMA=	8.0	PHAS=	-14.2	FOM=	0.31	TEST=	0
INDE	18	60	20	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	60	22	FOBS=	94.1	SIGMA=	3.8	PHAS=	15.3	FOM=	0.89	TEST=	0
INDE	18	60	24	FOBS=	20.1	SIGMA=	11.8	PHAS=	48.5	FOM=	0.41	TEST=	0
INDE	18	60	26	FOBS=	38.2	SIGMA=	6.4	PHAS=	-42.9	FOM=	0.31	TEST=	0
INDE	18	60	28	FOBS=	14.2	SIGMA=	20.3	PHAS=	-95.0	FOM=	0.25	TEST=	0
INDE	18	60	30	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	60	32	FOBS=	85.1	SIGMA=	3.2	PHAS=	157.5	FOM=	0.79	TEST=	0
INDE	18	60	34	FOBS=	46.2	SIGMA=	5.8	PHAS=	161.4	FOM=	0.66	TEST=	0
INDE	18	60	36	FOBS=	57.3	SIGMA=	4.8	PHAS=	-179.1	FOM=	0.85	TEST=	0
INDE	18	60	38	FOBS=	113.0	SIGMA=	2.1	PHAS=	-27.5	FOM=	0.92	TEST=	0
INDE	18	60	40	FOBS=	81.4	SIGMA=	3.2	PHAS=	-134.2	FOM=	0.92	TEST=	0
INDE	18	60	42	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	18	60	44	FOBS=	67.5	SIGMA=	4.0	PHAS=	19.1	FOM=	0.95	TEST=	0
INDE	18	60	46	FOBS=	39.0	SIGMA=	11.5	PHAS=	45.1	FOM=	0.37	TEST=	0
INDE	18	61	19	FOBS=	44.0	SIGMA=	5.8	PHAS=	36.7	FOM=	0.58	TEST=	0
INDE	18	61	21	FOBS=	29.7	SIGMA=	11.5	PHAS=	132.8	FOM=	0.49	TEST=	0
INDE	18	61	23	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	61	25	FOBS=	22.2	SIGMA=	10.8	PHAS=	-97.0	FOM=	0.13	TEST=	0
INDE	18	61	27	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	61	29	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	61	31	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	61	33	FOBS=	92.7	SIGMA=	2.9	PHAS=	39.6	FOM=	0.54	TEST=	0
INDE	18	61	35	FOBS=	65.4	SIGMA=	4.2	PHAS=	61.8	FOM=	0.80	TEST=	0
INDE	18	61	37	FOBS=	51.3	SIGMA=	5.4	PHAS=	-123.6	FOM=	0.52	TEST=	0
INDE	18	61	39	FOBS=	8.3	SIGMA=	30.0	PHAS=	-154.4	FOM=	0.32	TEST=	0
INDE	18	61	41	FOBS=	13.5	SIGMA=	21.8	PHAS=	30.6	FOM=	0.25	TEST=	0
INDE	18	61	43	FOBS=	54.7	SIGMA=	7.2	PHAS=	-62.0	FOM=	0.82	TEST=	0
INDE	18	62	18	FOBS=	8.3	SIGMA=	35.4	PHAS=	-17.3	FOM=	0.12	TEST=	0

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INDE	18	62	20	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	62	22	FOBS=	59.1	SIGMA=	5.9	PHAS=	19.7	FOM=	0.77	TEST=	0
INDE	18	62	24	FOBS=	86.1	SIGMA=	2.8	PHAS=	64.8	FOM=	0.88	TEST=	0
INDE	18	62	26	FOBS=	56.2	SIGMA=	4.4	PHAS=	149.6	FOM=	0.69	TEST=	0
INDE	18	62	28	FOBS=	83.3	SIGMA=	3.1	PHAS=	-123.2	FOM=	0.67	TEST=	0
INDE	18	62	30	FOBS=	60.5	SIGMA=	4.3	PHAS=	140.0	FOM=	0.69	TEST=	0
INDE	18	62	32	FOBS=	86.3	SIGMA=	3.1	PHAS=	-42.0	FOM=	0.28	TEST=	0
INDE	18	62	34	FOBS=	16.7	SIGMA=	18.6	PHAS=	57.7	FOM=	0.08	TEST=	1
INDE	18	62	36	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	62	38	FOBS=	58.2	SIGMA=	4.8	PHAS=	-156.7	FOM=	0.83	TEST=	0
INDE	18	62	40	FOBS=	59.1	SIGMA=	5.6	PHAS=	-100.2	FOM=	0.88	TEST=	0
INDE	18	62	42	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	63	19	FOBS=	72.3	SIGMA=	3.6	PHAS=	-33.2	FOM=	0.82	TEST=	0
INDE	18	63	21	FOBS=	19.9	SIGMA=	17.5	PHAS=	93.5	FOM=	0.29	TEST=	0
INDE	18	63	23	FOBS=	71.0	SIGMA=	5.0	PHAS=	-142.9	FOM=	0.89	TEST=	0
INDE	18	63	25	FOBS=	30.8	SIGMA=	10.9	PHAS=	25.0	FOM=	0.60	TEST=	0
INDE	18	63	27	FOBS=	67.8	SIGMA=	4.3	PHAS=	19.9	FOM=	0.08	TEST=	0
INDE	18	63	29	FOBS=	82.2	SIGMA=	3.7	PHAS=	31.6	FOM=	0.91	TEST=	0
INDE	18	63	31	FOBS=	3.9	SIGMA=	96.1	PHAS=	23.9	FOM=	0.07	TEST=	1
INDE	18	63	33	FOBS=	88.3	SIGMA=	3.6	PHAS=	-168.1	FOM=	0.16	TEST=	1
INDE	18	63	35	FOBS=	44.7	SIGMA=	7.1	PHAS=	-38.5	FOM=	0.54	TEST=	0
INDE	18	63	37	FOBS=	24.8	SIGMA=	12.8	PHAS=	163.7	FOM=	0.01	TEST=	0
INDE	18	63	39	FOBS=	35.3	SIGMA=	11.2	PHAS=	143.7	FOM=	0.68	TEST=	0
INDE	18	63	41	FOBS=	49.8	SIGMA=	8.0	PHAS=	84.6	FOM=	0.46	TEST=	0
INDE	18	64	18	FOBS=	84.0	SIGMA=	3.0	PHAS=	-163.7	FOM=	0.67	TEST=	0
INDE	18	64	20	FOBS=	8.0	SIGMA=	37.6	PHAS=	-138.5	FOM=	0.06	TEST=	0
INDE	18	64	22	FOBS=	78.8	SIGMA=	4.5	PHAS=	123.2	FOM=	0.87	TEST=	0
INDE	18	64	24	FOBS=	64.9	SIGMA=	5.5	PHAS=	-79.1	FOM=	0.83	TEST=	0
INDE	18	64	26	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	64	28	FOBS=	172.2	SIGMA=	1.9	PHAS=	-80.2	FOM=	0.98	TEST=	0
INDE	18	64	30	FOBS=	54.3	SIGMA=	5.6	PHAS=	-119.5	FOM=	0.89	TEST=	0
INDE	18	64	32	FOBS=	105.3	SIGMA=	3.0	PHAS=	176.7	FOM=	0.91	TEST=	0
INDE	18	64	34	FOBS=	0.0	SIGMA=	28.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	64	36	FOBS=	55.3	SIGMA=	5.8	PHAS=	-136.2	FOM=	0.84	TEST=	0
INDE	18	64	38	FOBS=	77.6	SIGMA=	4.3	PHAS=	140.1	FOM=	0.31	TEST=	1
INDE	18	64	40	FOBS=	55.4	SIGMA=	6.1	PHAS=	-143.6	FOM=	0.23	TEST=	1
INDE	18	65	19	FOBS=	47.4	SIGMA=	5.4	PHAS=	-108.8	FOM=	0.24	TEST=	1
INDE	18	65	21	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	65	23	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	65	25	FOBS=	70.6	SIGMA=	5.1	PHAS=	-133.3	FOM=	0.76	TEST=	0
INDE	18	65	27	FOBS=	111.4	SIGMA=	2.7	PHAS=	179.4	FOM=	0.91	TEST=	0
INDE	18	65	29	FOBS=	67.2	SIGMA=	4.5	PHAS=	177.0	FOM=	0.94	TEST=	0
INDE	18	65	31	FOBS=	58.0	SIGMA=	5.3	PHAS=	136.2	FOM=	0.09	TEST=	1
INDE	18	65	33	FOBS=	56.3	SIGMA=	5.6	PHAS=	64.3	FOM=	0.87	TEST=	0
INDE	18	65	35	FOBS=	109.2	SIGMA=	3.1	PHAS=	129.6	FOM=	0.15	TEST=	1
INDE	18	65	37	FOBS=	48.6	SIGMA=	6.8	PHAS=	94.7	FOM=	0.64	TEST=	0
INDE	18	66	18	FOBS=	15.5	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	18	66	20	FOBS=	39.5	SIGMA=	6.5	PHAS=	93.2	FOM=	0.60	TEST=	0
INDE	18	66	22	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	66	24	FOBS=	19.7	SIGMA=	17.7	PHAS=	136.6	FOM=	0.49	TEST=	0
INDE	18	66	26	FOBS=	57.5	SIGMA=	6.2	PHAS=	142.3	FOM=	0.15	TEST=	1
INDE	18	66	28	FOBS=	24.0	SIGMA=	14.7	PHAS=	179.6	FOM=	0.09	TEST=	1
INDE	18	66	30	FOBS=	61.7	SIGMA=	4.9	PHAS=	-118.1	FOM=	0.53	TEST=	0
INDE	18	66	32	FOBS=	0.0	SIGMA=	24.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	66	34	FOBS=	93.2	SIGMA=	3.5	PHAS=	85.2	FOM=	0.88	TEST=	0
INDE	18	66	36	FOBS=	76.9	SIGMA=	4.4	PHAS=	-6.3	FOM=	0.89	TEST=	0
INDE	18	67	19	FOBS=	88.4	SIGMA=	3.4	PHAS=	-82.7	FOM=	0.90	TEST=	0
INDE	18	67	21	FOBS=	50.2	SIGMA=	6.2	PHAS=	-91.1	FOM=	0.58	TEST=	0
INDE	18	67	23	FOBS=	0.0	SIGMA=	26.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	67	25	FOBS=	79.6	SIGMA=	4.6	PHAS=	98.1	FOM=	0.70	TEST=	0
INDE	18	67	27	FOBS=	39.1	SIGMA=	9.1	PHAS=	-162.6	FOM=	0.59	TEST=	0
INDE	18	67	29	FOBS=	0.0	SIGMA=	26.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	67	31	FOBS=	0.0	SIGMA=	24.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	67	33	FOBS=	0.0	SIGMA=	28.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	67	35	FOBS=	88.4	SIGMA=	4.5	PHAS=	-83.8	FOM=	0.91	TEST=	0
INDE	18	68	18	FOBS=	46.3	SIGMA=	7.7	PHAS=	54.1	FOM=	0.47	TEST=	0
INDE	18	68	20	FOBS=	82.8	SIGMA=	4.7	PHAS=	152.2	FOM=	0.88	TEST=	0
INDE	18	68	22	FOBS=	63.4	SIGMA=	6.1	PHAS=	-140.7	FOM=	0.76	TEST=	0
INDE	18	68	24	FOBS=	124.4	SIGMA=	4.3	PHAS=	29.7	FOM=	0.92	TEST=	0
INDE	18	68	26	FOBS=	0.0	SIGMA=	31.9	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	18	68	28	FOBS=	35.3	SIGMA=	8.4	PHAS=	152.7	FOM=	0.55	TEST=	0
INDE	18	68	30	FOBS=	50.4	SIGMA=	6.1	PHAS=	-100.6	FOM=	0.66	TEST=	0
INDE	18	68	32	FOBS=	0.0	SIGMA=	25.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	69	19	FOBS=	30.9	SIGMA=	12.1	PHAS=	11.8	FOM=	0.29	TEST=	0
INDE	18	69	21	FOBS=	55.1	SIGMA=	7.2	PHAS=	104.9	FOM=	0.67	TEST=	0
INDE	18	69	29	FOBS=	45.9	SIGMA=	8.1	PHAS=	-20.4	FOM=	0.63	TEST=	0
INDE	18	70	18	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	18	70	20	FOBS=	0.0	SIGMA=	27.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	70	22	FOBS=	0.0	SIGMA=	28.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	18	71	19	FOBS=	67.9	SIGMA=	5.4	PHAS=	-73.6	FOM=	0.56	TEST=	0
INDE	18	71	21	FOBS=	83.4	SIGMA=	3.1	PHAS=	-88.3	FOM=	0.86	TEST=	0
INDE	18	71	23	FOBS=	45.8	SIGMA=	8.8	PHAS=	-178.1	FOM=	0.33	TEST=	0
INDE	18	72	18	FOBS=	66.6	SIGMA=	5.0	PHAS=	66.3	FOM=	0.87	TEST=	0
INDE	18	72	20	FOBS=	30.7	SIGMA=	6.7	PHAS=	176.6	FOM=	0.33	TEST=	0
INDE	18	72	22	FOBS=	70.8	SIGMA=	5.9	PHAS=	174.6	FOM=	0.86	TEST=	0
INDE	18	73	19	FOBS=	30.0	SIGMA=	11.9	PHAS=	-33.3	FOM=	0.64	TEST=	0
INDE	19	20	19	FOBS=	127.9	SIGMA=	1.0	PHAS=	-25.7	FOM=	0.96	TEST=	0
INDE	19	20	21	FOBS=	120.2	SIGMA=	1.1	PHAS=	44.5	FOM=	0.96	TEST=	0
INDE	19	20	23	FOBS=	207.9	SIGMA=	0.6	PHAS=	111.9	FOM=	0.99	TEST=	0
INDE	19	20	25	FOBS=	85.7	SIGMA=	1.3	PHAS=	175.6	FOM=	0.53	TEST=	0
INDE	19	20	27	FOBS=	303.5	SIGMA=	0.5	PHAS=	-65.9	FOM=	0.97	TEST=	0
INDE	19	20	29	FOBS=	119.7	SIGMA=	1.2	PHAS=	30.8	FOM=	0.98	TEST=	0
INDE	19	20	31	FOBS=	364.9	SIGMA=	0.6	PHAS=	132.2	FOM=	0.98	TEST=	0
INDE	19	20	33	FOBS=	146.4	SIGMA=	1.2	PHAS=	15.7	FOM=	0.98	TEST=	1
INDE	19	20	35	FOBS=	126.1	SIGMA=	1.5	PHAS=	97.7	FOM=	0.92	TEST=	0
INDE	19	20	37	FOBS=	116.2	SIGMA=	1.6	PHAS=	117.3	FOM=	0.99	TEST=	0
INDE	19	20	39	FOBS=	150.9	SIGMA=	1.4	PHAS=	-59.7	FOM=	0.92	TEST=	0
INDE	19	20	41	FOBS=	95.7	SIGMA=	2.0	PHAS=	52.2	FOM=	0.96	TEST=	0
INDE	19	20	43	FOBS=	175.4	SIGMA=	1.1	PHAS=	-94.3	FOM=	0.92	TEST=	0
INDE	19	20	45	FOBS=	133.3	SIGMA=	1.4	PHAS=	-113.5	FOM=	0.94	TEST=	0
INDE	19	20	47	FOBS=	81.8	SIGMA=	2.0	PHAS=	-72.4	FOM=	0.53	TEST=	0
INDE	19	20	49	FOBS=	40.5	SIGMA=	5.5	PHAS=	117.3	FOM=	0.13	TEST=	0
INDE	19	20	51	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	20	53	FOBS=	64.9	SIGMA=	3.0	PHAS=	170.3	FOM=	0.90	TEST=	0
INDE	19	20	55	FOBS=	97.1	SIGMA=	2.1	PHAS=	106.8	FOM=	0.93	TEST=	0
INDE	19	20	57	FOBS=	80.0	SIGMA=	2.8	PHAS=	-177.5	FOM=	0.04	TEST=	1
INDE	19	20	59	FOBS=	104.5	SIGMA=	2.7	PHAS=	-150.3	FOM=	0.87	TEST=	0
INDE	19	20	61	FOBS=	46.4	SIGMA=	6.5	PHAS=	-61.5	FOM=	0.35	TEST=	0
INDE	19	20	63	FOBS=	54.9	SIGMA=	4.8	PHAS=	104.6	FOM=	0.58	TEST=	0
INDE	19	20	65	FOBS=	3.0	SIGMA=	86.2	PHAS=	-41.9	FOM=	0.00	TEST=	1
INDE	19	20	67	FOBS=	61.4	SIGMA=	6.1	PHAS=	100.2	FOM=	0.85	TEST=	0
INDE	19	20	69	FOBS=	87.8	SIGMA=	4.3	PHAS=	56.4	FOM=	0.91	TEST=	0
INDE	19	20	71	FOBS=	35.1	SIGMA=	6.0	PHAS=	68.5	FOM=	0.19	TEST=	1
INDE	19	21	20	FOBS=	221.3	SIGMA=	0.6	PHAS=	-37.0	FOM=	0.97	TEST=	0
INDE	19	21	22	FOBS=	39.6	SIGMA=	2.3	PHAS=	131.0	FOM=	0.98	TEST=	1
INDE	19	21	24	FOBS=	113.3	SIGMA=	0.8	PHAS=	-0.1	FOM=	0.88	TEST=	1
INDE	19	21	26	FOBS=	220.6	SIGMA=	0.5	PHAS=	-144.4	FOM=	0.96	TEST=	0
INDE	19	21	28	FOBS=	305.2	SIGMA=	0.5	PHAS=	-169.6	FOM=	0.94	TEST=	0
INDE	19	21	30	FOBS=	142.1	SIGMA=	0.9	PHAS=	18.3	FOM=	0.78	TEST=	0
INDE	19	21	32	FOBS=	320.5	SIGMA=	0.8	PHAS=	-1.2	FOM=	0.97	TEST=	0
INDE	19	21	34	FOBS=	190.0	SIGMA=	0.8	PHAS=	155.3	FOM=	0.94	TEST=	1
INDE	19	21	36	FOBS=	75.0	SIGMA=	2.0	PHAS=	102.5	FOM=	0.97	TEST=	0
INDE	19	21	38	FOBS=	126.7	SIGMA=	1.3	PHAS=	116.8	FOM=	0.72	TEST=	0
INDE	19	21	40	FOBS=	102.0	SIGMA=	1.7	PHAS=	-24.1	FOM=	0.73	TEST=	0
INDE	19	21	42	FOBS=	171.4	SIGMA=	1.0	PHAS=	-100.4	FOM=	0.94	TEST=	0
INDE	19	21	44	FOBS=	65.3	SIGMA=	2.3	PHAS=	42.4	FOM=	0.49	TEST=	0
INDE	19	21	46	FOBS=	35.0	SIGMA=	4.6	PHAS=	-131.0	FOM=	0.21	TEST=	1
INDE	19	21	48	FOBS=	69.3	SIGMA=	2.5	PHAS=	-103.5	FOM=	0.89	TEST=	0
INDE	19	21	50	FOBS=	95.6	SIGMA=	2.0	PHAS=	22.4	FOM=	0.59	TEST=	0
INDE	19	21	52	FOBS=	56.2	SIGMA=	3.6	PHAS=	-69.9	FOM=	0.61	TEST=	0
INDE	19	21	54	FOBS=	33.0	SIGMA=	6.0	PHAS=	25.4	FOM=	0.27	TEST=	0
INDE	19	21	56	FOBS=	81.5	SIGMA=	2.8	PHAS=	52.8	FOM=	0.93	TEST=	0
INDE	19	21	58	FOBS=	116.8	SIGMA=	2.4	PHAS=	36.7	FOM=	0.44	TEST=	1
INDE	19	21	60	FOBS=	46.3	SIGMA=	5.8	PHAS=	-177.4	FOM=	0.53	TEST=	0
INDE	19	21	62	FOBS=	81.5	SIGMA=	3.4	PHAS=	-56.2	FOM=	0.89	TEST=	0
INDE	19	21	64	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	21	66	FOBS=	0.0	SIGMA=	24.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	21	68	FOBS=	34.1	SIGMA=	11.0	PHAS=	-6.3	FOM=	0.72	TEST=	0
INDE	19	21	70	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	21	72	FOBS=	0.0	SIGMA=	25.9	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	19	22	19	FOBS=	36.5	SIGMA=	2.7	PHAS=	107.5	FOM=	0.84	TEST=	0
INDE	19	22	21	FOBS=	106.1	SIGMA=	1.0	PHAS=	51.2	FOM=	0.76	TEST=	0
INDE	19	22	23	FOBS=	135.5	SIGMA=	0.8	PHAS=	134.3	FOM=	0.69	TEST=	0
INDE	19	22	25	FOBS=	134.4	SIGMA=	0.8	PHAS=	48.9	FOM=	0.87	TEST=	0
INDE	19	22	27	FOBS=	28.2	SIGMA=	3.5	PHAS=	-47.2	FOM=	0.36	TEST=	0
INDE	19	22	29	FOBS=	17.9	SIGMA=	6.0	PHAS=	-2.9	FOM=	0.66	TEST=	0
INDE	19	22	31	FOBS=	94.2	SIGMA=	1.3	PHAS=	-118.1	FOM=	0.87	TEST=	0
INDE	19	22	33	FOBS=	265.0	SIGMA=	0.6	PHAS=	73.4	FOM=	0.94	TEST=	0
INDE	19	22	35	FOBS=	172.6	SIGMA=	0.9	PHAS=	62.9	FOM=	0.95	TEST=	0
INDE	19	22	37	FOBS=	0.0	SIGMA=	17.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	22	39	FOBS=	72.6	SIGMA=	2.2	PHAS=	115.0	FOM=	0.85	TEST=	0
INDE	19	22	41	FOBS=	0.0	SIGMA=	17.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	22	43	FOBS=	90.5	SIGMA=	1.7	PHAS=	-89.8	FOM=	0.77	TEST=	0
INDE	19	22	45	FOBS=	46.1	SIGMA=	3.5	PHAS=	52.7	FOM=	0.20	TEST=	0
INDE	19	22	47	FOBS=	134.8	SIGMA=	1.3	PHAS=	-22.2	FOM=	0.88	TEST=	0
INDE	19	22	49	FOBS=	26.6	SIGMA=	7.2	PHAS=	69.5	FOM=	0.79	TEST=	0
INDE	19	22	51	FOBS=	62.6	SIGMA=	2.9	PHAS=	127.3	FOM=	0.50	TEST=	0
INDE	19	22	53	FOBS=	67.7	SIGMA=	3.0	PHAS=	-176.2	FOM=	0.69	TEST=	0
INDE	19	22	55	FOBS=	108.0	SIGMA=	1.9	PHAS=	-29.7	FOM=	0.92	TEST=	0
INDE	19	22	57	FOBS=	213.6	SIGMA=	1.2	PHAS=	-30.5	FOM=	0.98	TEST=	0
INDE	19	22	59	FOBS=	51.1	SIGMA=	5.3	PHAS=	175.1	FOM=	0.76	TEST=	0
INDE	19	22	61	FOBS=	53.6	SIGMA=	5.1	PHAS=	-13.6	FOM=	0.38	TEST=	1
INDE	19	22	63	FOBS=	121.4	SIGMA=	2.3	PHAS=	-115.5	FOM=	0.95	TEST=	0
INDE	19	22	65	FOBS=	111.1	SIGMA=	2.9	PHAS=	-19.3	FOM=	0.72	TEST=	0
INDE	19	22	67	FOBS=	66.0	SIGMA=	5.5	PHAS=	-28.0	FOM=	0.88	TEST=	0
INDE	19	22	69	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	22	71	FOBS=	50.3	SIGMA=	6.9	PHAS=	166.9	FOM=	0.76	TEST=	0
INDE	19	23	20	FOBS=	221.8	SIGMA=	0.6	PHAS=	-2.8	FOM=	0.95	TEST=	0
INDE	19	23	22	FOBS=	210.7	SIGMA=	0.6	PHAS=	-78.5	FOM=	0.97	TEST=	0
INDE	19	23	24	FOBS=	279.3	SIGMA=	0.6	PHAS=	-111.0	FOM=	0.94	TEST=	0
INDE	19	23	26	FOBS=	323.4	SIGMA=	0.5	PHAS=	31.6	FOM=	0.64	TEST=	1
INDE	19	23	28	FOBS=	236.9	SIGMA=	0.6	PHAS=	178.3	FOM=	0.94	TEST=	0
INDE	19	23	30	FOBS=	89.2	SIGMA=	1.4	PHAS=	-176.4	FOM=	0.81	TEST=	0
INDE	19	23	32	FOBS=	206.7	SIGMA=	0.7	PHAS=	24.7	FOM=	0.92	TEST=	0
INDE	19	23	34	FOBS=	171.0	SIGMA=	0.9	PHAS=	-39.8	FOM=	0.95	TEST=	0
INDE	19	23	36	FOBS=	161.3	SIGMA=	1.0	PHAS=	-0.1	FOM=	0.77	TEST=	0
INDE	19	23	38	FOBS=	165.9	SIGMA=	1.1	PHAS=	88.1	FOM=	0.91	TEST=	0
INDE	19	23	40	FOBS=	179.9	SIGMA=	1.0	PHAS=	-114.9	FOM=	0.54	TEST=	1
INDE	19	23	42	FOBS=	218.4	SIGMA=	0.8	PHAS=	-76.7	FOM=	0.95	TEST=	0
INDE	19	23	44	FOBS=	28.8	SIGMA=	5.0	PHAS=	77.9	FOM=	0.16	TEST=	0
INDE	19	23	46	FOBS=	38.7	SIGMA=	3.6	PHAS=	-41.2	FOM=	0.74	TEST=	0
INDE	19	23	48	FOBS=	167.2	SIGMA=	1.0	PHAS=	-65.9	FOM=	0.89	TEST=	0
INDE	19	23	50	FOBS=	97.1	SIGMA=	1.9	PHAS=	-8.6	FOM=	0.85	TEST=	0
INDE	19	23	52	FOBS=	42.2	SIGMA=	4.6	PHAS=	-46.4	FOM=	0.78	TEST=	0
INDE	19	23	54	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	23	56	FOBS=	114.4	SIGMA=	2.1	PHAS=	-115.4	FOM=	0.94	TEST=	0
INDE	19	23	58	FOBS=	47.4	SIGMA=	5.3	PHAS=	-136.8	FOM=	0.68	TEST=	0
INDE	19	23	60	FOBS=	24.4	SIGMA=	11.2	PHAS=	146.0	FOM=	0.13	TEST=	0
INDE	19	23	62	FOBS=	29.0	SIGMA=	9.3	PHAS=	45.0	FOM=	0.24	TEST=	0
INDE	19	23	64	FOBS=	161.0	SIGMA=	1.8	PHAS=	-114.4	FOM=	0.10	TEST=	1
INDE	19	23	66	FOBS=	110.3	SIGMA=	3.4	PHAS=	134.4	FOM=	0.18	TEST=	1
INDE	19	23	68	FOBS=	75.5	SIGMA=	4.8	PHAS=	-36.6	FOM=	0.91	TEST=	0
INDE	19	23	70	FOBS=	35.9	SIGMA=	10.1	PHAS=	-100.1	FOM=	0.09	TEST=	0
INDE	19	24	19	FOBS=	173.8	SIGMA=	0.7	PHAS=	-3.4	FOM=	0.96	TEST=	0
INDE	19	24	21	FOBS=	136.9	SIGMA=	0.9	PHAS=	141.4	FOM=	0.91	TEST=	0
INDE	19	24	23	FOBS=	383.0	SIGMA=	0.5	PHAS=	104.9	FOM=	0.96	TEST=	1
INDE	19	24	25	FOBS=	417.2	SIGMA=	0.5	PHAS=	82.3	FOM=	0.96	TEST=	0
INDE	19	24	27	FOBS=	199.7	SIGMA=	0.7	PHAS=	61.7	FOM=	0.81	TEST=	0
INDE	19	24	29	FOBS=	105.6	SIGMA=	1.1	PHAS=	38.3	FOM=	0.89	TEST=	0
INDE	19	24	31	FOBS=	135.3	SIGMA=	1.0	PHAS=	-55.7	FOM=	0.96	TEST=	0
INDE	19	24	33	FOBS=	192.3	SIGMA=	0.8	PHAS=	114.2	FOM=	0.95	TEST=	0
INDE	19	24	35	FOBS=	147.3	SIGMA=	1.1	PHAS=	-131.6	FOM=	0.90	TEST=	0
INDE	19	24	37	FOBS=	197.1	SIGMA=	0.9	PHAS=	-71.4	FOM=	0.92	TEST=	0
INDE	19	24	39	FOBS=	40.2	SIGMA=	4.5	PHAS=	69.2	FOM=	0.36	TEST=	0
INDE	19	24	41	FOBS=	50.3	SIGMA=	3.4	PHAS=	157.0	FOM=	0.57	TEST=	0
INDE	19	24	43	FOBS=	7.5	SIGMA=	19.5	PHAS=	-0.4	FOM=	0.04	TEST=	0
INDE	19	24	45	FOBS=	72.1	SIGMA=	2.0	PHAS=	38.1	FOM=	0.54	TEST=	0
INDE	19	24	47	FOBS=	35.6	SIGMA=	4.3	PHAS=	-51.2	FOM=	0.65	TEST=	0
INDE	19	24	49	FOBS=	92.5	SIGMA=	1.7	PHAS=	-132.8	FOM=	0.84	TEST=	0
INDE	19	24	51	FOBS=	107.7	SIGMA=	1.5	PHAS=	-157.4	FOM=	0.89	TEST=	0

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INDE	19	24	53	FOBS=	181.8	SIGMA=	1.1	PHAS=	-176.6	FOM=	0.97	TEST=	0
INDE	19	24	55	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	24	57	FOBS=	58.2	SIGMA=	5.6	PHAS=	40.6	FOM=	0.72	TEST=	0
INDE	19	24	59	FOBS=	74.8	SIGMA=	3.8	PHAS=	167.8	FOM=	0.79	TEST=	0
INDE	19	24	61	FOBS=	48.3	SIGMA=	5.7	PHAS=	-49.6	FOM=	0.82	TEST=	0
INDE	19	24	63	FOBS=	0.0	SIGMA=	27.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	24	65	FOBS=	86.0	SIGMA=	3.7	PHAS=	141.2	FOM=	0.89	TEST=	0
INDE	19	24	67	FOBS=	31.9	SIGMA=	11.4	PHAS=	-53.7	FOM=	0.64	TEST=	0
INDE	19	24	69	FOBS=	88.1	SIGMA=	4.3	PHAS=	-112.4	FOM=	0.91	TEST=	0
INDE	19	24	71	FOBS=	81.0	SIGMA=	4.3	PHAS=	-159.5	FOM=	0.79	TEST=	0
INDE	19	25	20	FOBS=	35.3	SIGMA=	3.5	PHAS=	136.7	FOM=	0.19	TEST=	0
INDE	19	25	22	FOBS=	312.3	SIGMA=	0.6	PHAS=	-29.7	FOM=	0.96	TEST=	0
INDE	19	25	24	FOBS=	86.5	SIGMA=	1.4	PHAS=	-80.4	FOM=	0.65	TEST=	1
INDE	19	25	26	FOBS=	101.8	SIGMA=	1.2	PHAS=	-105.3	FOM=	0.45	TEST=	0
INDE	19	25	28	FOBS=	74.3	SIGMA=	1.6	PHAS=	-59.4	FOM=	0.76	TEST=	0
INDE	19	25	30	FOBS=	111.9	SIGMA=	1.2	PHAS=	171.3	FOM=	0.90	TEST=	1
INDE	19	25	32	FOBS=	157.0	SIGMA=	0.9	PHAS=	170.1	FOM=	0.98	TEST=	0
INDE	19	25	34	FOBS=	79.1	SIGMA=	1.9	PHAS=	109.6	FOM=	0.86	TEST=	0
INDE	19	25	36	FOBS=	159.3	SIGMA=	1.1	PHAS=	174.1	FOM=	0.95	TEST=	0
INDE	19	25	38	FOBS=	50.7	SIGMA=	3.3	PHAS=	173.4	FOM=	0.76	TEST=	0
INDE	19	25	40	FOBS=	66.8	SIGMA=	2.6	PHAS=	175.0	FOM=	0.75	TEST=	0
INDE	19	25	42	FOBS=	257.3	SIGMA=	0.7	PHAS=	-61.0	FOM=	0.97	TEST=	0
INDE	19	25	44	FOBS=	20.6	SIGMA=	7.7	PHAS=	10.4	FOM=	0.22	TEST=	0
INDE	19	25	46	FOBS=	75.0	SIGMA=	2.1	PHAS=	-30.7	FOM=	0.25	TEST=	0
INDE	19	25	48	FOBS=	75.1	SIGMA=	2.1	PHAS=	-138.1	FOM=	0.59	TEST=	0
INDE	19	25	50	FOBS=	89.4	SIGMA=	1.7	PHAS=	128.1	FOM=	0.88	TEST=	0
INDE	19	25	52	FOBS=	108.9	SIGMA=	1.5	PHAS=	94.2	FOM=	0.94	TEST=	0
INDE	19	25	54	FOBS=	93.8	SIGMA=	1.7	PHAS=	63.4	FOM=	0.93	TEST=	0
INDE	19	25	56	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	19	25	58	FOBS=	0.0	SIGMA=	27.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	25	60	FOBS=	60.1	SIGMA=	4.6	PHAS=	-138.2	FOM=	0.65	TEST=	0
INDE	19	25	62	FOBS=	21.7	SIGMA=	12.4	PHAS=	58.0	FOM=	0.15	TEST=	0
INDE	19	25	64	FOBS=	0.0	SIGMA=	25.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	25	66	FOBS=	14.7	SIGMA=	25.9	PHAS=	-113.1	FOM=	0.26	TEST=	0
INDE	19	25	68	FOBS=	39.7	SIGMA=	9.3	PHAS=	-148.9	FOM=	0.08	TEST=	1
INDE	19	25	70	FOBS=	42.5	SIGMA=	8.4	PHAS=	148.4	FOM=	0.62	TEST=	0
INDE	19	26	19	FOBS=	85.2	SIGMA=	1.3	PHAS=	10.7	FOM=	0.97	TEST=	0
INDE	19	26	21	FOBS=	264.7	SIGMA=	0.6	PHAS=	116.4	FOM=	0.91	TEST=	0
INDE	19	26	23	FOBS=	30.1	SIGMA=	4.0	PHAS=	141.0	FOM=	0.76	TEST=	0
INDE	19	26	25	FOBS=	0.0	SIGMA=	16.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	26	27	FOBS=	140.8	SIGMA=	0.9	PHAS=	141.6	FOM=	0.77	TEST=	0
INDE	19	26	29	FOBS=	179.4	SIGMA=	0.8	PHAS=	-17.2	FOM=	0.94	TEST=	0
INDE	19	26	31	FOBS=	191.8	SIGMA=	0.8	PHAS=	69.8	FOM=	0.90	TEST=	1
INDE	19	26	33	FOBS=	159.6	SIGMA=	1.0	PHAS=	118.2	FOM=	0.91	TEST=	0
INDE	19	26	35	FOBS=	153.1	SIGMA=	1.1	PHAS=	15.6	FOM=	0.83	TEST=	0
INDE	19	26	37	FOBS=	72.7	SIGMA=	2.3	PHAS=	96.5	FOM=	0.63	TEST=	0
INDE	19	26	39	FOBS=	136.5	SIGMA=	1.3	PHAS=	-92.7	FOM=	0.90	TEST=	0
INDE	19	26	41	FOBS=	175.6	SIGMA=	1.1	PHAS=	-6.4	FOM=	0.93	TEST=	0
INDE	19	26	43	FOBS=	119.4	SIGMA=	1.4	PHAS=	-139.9	FOM=	0.88	TEST=	0
INDE	19	26	45	FOBS=	103.8	SIGMA=	1.7	PHAS=	18.2	FOM=	0.91	TEST=	0
INDE	19	26	47	FOBS=	134.2	SIGMA=	1.3	PHAS=	83.8	FOM=	0.67	TEST=	0
INDE	19	26	49	FOBS=	37.2	SIGMA=	4.0	PHAS=	-57.4	FOM=	0.77	TEST=	0
INDE	19	26	51	FOBS=	115.3	SIGMA=	1.3	PHAS=	70.3	FOM=	0.94	TEST=	0
INDE	19	26	53	FOBS=	98.2	SIGMA=	1.7	PHAS=	-132.2	FOM=	0.82	TEST=	0
INDE	19	26	55	FOBS=	78.5	SIGMA=	2.2	PHAS=	50.0	FOM=	0.91	TEST=	0
INDE	19	26	57	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	26	59	FOBS=	58.5	SIGMA=	3.7	PHAS=	77.4	FOM=	0.27	TEST=	0
INDE	19	26	61	FOBS=	37.5	SIGMA=	7.4	PHAS=	-33.5	FOM=	0.66	TEST=	0
INDE	19	26	63	FOBS=	41.3	SIGMA=	6.6	PHAS=	-4.4	FOM=	0.85	TEST=	0
INDE	19	26	65	FOBS=	64.0	SIGMA=	6.1	PHAS=	87.0	FOM=	0.79	TEST=	0
INDE	19	26	67	FOBS=	10.7	SIGMA=	33.6	PHAS=	-159.4	FOM=	0.09	TEST=	1
INDE	19	26	69	FOBS=	0.0	SIGMA=	26.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	27	20	FOBS=	67.9	SIGMA=	1.7	PHAS=	118.8	FOM=	0.88	TEST=	0
INDE	19	27	22	FOBS=	260.7	SIGMA=	0.6	PHAS=	-43.3	FOM=	0.94	TEST=	0
INDE	19	27	24	FOBS=	328.5	SIGMA=	0.6	PHAS=	154.4	FOM=	0.98	TEST=	0
INDE	19	27	26	FOBS=	180.2	SIGMA=	0.8	PHAS=	-102.9	FOM=	0.98	TEST=	0
INDE	19	27	28	FOBS=	149.2	SIGMA=	0.9	PHAS=	1.2	FOM=	0.93	TEST=	0
INDE	19	27	30	FOBS=	53.0	SIGMA=	2.6	PHAS=	-126.0	FOM=	0.89	TEST=	0
INDE	19	27	32	FOBS=	105.9	SIGMA=	1.5	PHAS=	-74.9	FOM=	0.96	TEST=	1
INDE	19	27	34	FOBS=	78.0	SIGMA=	2.2	PHAS=	-149.2	FOM=	0.64	TEST=	1

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INDE	19	27	36	FOBS=	119.4	SIGMA=	1.5	PHAS=	-39.9	FOM=	0.45	TEST=	0
INDE	19	27	38	FOBS=	164.8	SIGMA=	1.1	PHAS=	-135.1	FOM=	0.98	TEST=	0
INDE	19	27	40	FOBS=	203.5	SIGMA=	0.9	PHAS=	-131.7	FOM=	0.94	TEST=	0
INDE	19	27	42	FOBS=	199.6	SIGMA=	0.9	PHAS=	-55.6	FOM=	0.93	TEST=	0
INDE	19	27	44	FOBS=	33.3	SIGMA=	5.3	PHAS=	129.8	FOM=	0.38	TEST=	0
INDE	19	27	46	FOBS=	81.9	SIGMA=	2.1	PHAS=	179.9	FOM=	0.95	TEST=	0
INDE	19	27	48	FOBS=	81.9	SIGMA=	2.1	PHAS=	168.1	FOM=	0.82	TEST=	0
INDE	19	27	50	FOBS=	66.2	SIGMA=	2.3	PHAS=	-62.7	FOM=	0.82	TEST=	0
INDE	19	27	52	FOBS=	87.5	SIGMA=	1.7	PHAS=	-13.8	FOM=	0.89	TEST=	0
INDE	19	27	54	FOBS=	43.5	SIGMA=	3.5	PHAS=	-47.8	FOM=	0.83	TEST=	0
INDE	19	27	56	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	27	58	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	27	60	FOBS=	35.1	SIGMA=	6.2	PHAS=	-130.6	FOM=	0.74	TEST=	0
INDE	19	27	62	FOBS=	35.3	SIGMA=	8.8	PHAS=	-25.7	FOM=	0.41	TEST=	0
INDE	19	27	64	FOBS=	57.9	SIGMA=	6.7	PHAS=	-62.3	FOM=	0.93	TEST=	0
INDE	19	27	66	FOBS=	52.4	SIGMA=	7.2	PHAS=	-66.0	FOM=	0.73	TEST=	0
INDE	19	27	68	FOBS=	46.9	SIGMA=	7.7	PHAS=	178.6	FOM=	0.00	TEST=	1
INDE	19	28	19	FOBS=	159.4	SIGMA=	0.9	PHAS=	73.8	FOM=	0.97	TEST=	0
INDE	19	28	21	FOBS=	214.4	SIGMA=	0.7	PHAS=	100.5	FOM=	0.92	TEST=	0
INDE	19	28	23	FOBS=	345.6	SIGMA=	0.7	PHAS=	26.0	FOM=	0.97	TEST=	0
INDE	19	28	25	FOBS=	12.5	SIGMA=	10.7	PHAS=	-145.1	FOM=	0.08	TEST=	0
INDE	19	28	27	FOBS=	249.7	SIGMA=	0.7	PHAS=	171.7	FOM=	0.97	TEST=	0
INDE	19	28	29	FOBS=	169.1	SIGMA=	0.9	PHAS=	-6.6	FOM=	0.92	TEST=	0
INDE	19	28	31	FOBS=	162.1	SIGMA=	1.0	PHAS=	150.8	FOM=	0.91	TEST=	0
INDE	19	28	33	FOBS=	50.6	SIGMA=	3.4	PHAS=	-91.8	FOM=	0.45	TEST=	0
INDE	19	28	35	FOBS=	117.5	SIGMA=	1.7	PHAS=	15.1	FOM=	0.89	TEST=	0
INDE	19	28	37	FOBS=	194.4	SIGMA=	0.9	PHAS=	173.3	FOM=	0.95	TEST=	0
INDE	19	28	39	FOBS=	85.2	SIGMA=	2.0	PHAS=	99.8	FOM=	0.91	TEST=	0
INDE	19	28	41	FOBS=	102.2	SIGMA=	1.7	PHAS=	-40.0	FOM=	0.82	TEST=	0
INDE	19	28	43	FOBS=	96.7	SIGMA=	1.9	PHAS=	161.7	FOM=	0.75	TEST=	0
INDE	19	28	45	FOBS=	97.1	SIGMA=	1.8	PHAS=	135.1	FOM=	0.92	TEST=	0
INDE	19	28	47	FOBS=	279.5	SIGMA=	0.8	PHAS=	66.2	FOM=	0.98	TEST=	0
INDE	19	28	49	FOBS=	39.5	SIGMA=	4.1	PHAS=	127.7	FOM=	0.58	TEST=	0
INDE	19	28	51	FOBS=	47.8	SIGMA=	3.3	PHAS=	-153.8	FOM=	0.86	TEST=	0
INDE	19	28	53	FOBS=	130.7	SIGMA=	1.2	PHAS=	177.0	FOM=	0.95	TEST=	0
INDE	19	28	55	FOBS=	60.2	SIGMA=	2.7	PHAS=	102.9	FOM=	0.81	TEST=	0
INDE	19	28	57	FOBS=	51.3	SIGMA=	3.7	PHAS=	-114.9	FOM=	0.56	TEST=	0
INDE	19	28	59	FOBS=	57.4	SIGMA=	3.3	PHAS=	32.3	FOM=	0.75	TEST=	1
INDE	19	28	61	FOBS=	69.7	SIGMA=	3.2	PHAS=	10.0	FOM=	0.72	TEST=	0
INDE	19	28	63	FOBS=	113.3	SIGMA=	2.2	PHAS=	-118.1	FOM=	0.94	TEST=	0
INDE	19	28	65	FOBS=	55.9	SIGMA=	6.8	PHAS=	70.1	FOM=	0.11	TEST=	1
INDE	19	28	67	FOBS=	68.8	SIGMA=	5.3	PHAS=	140.6	FOM=	0.71	TEST=	0
INDE	19	29	20	FOBS=	134.7	SIGMA=	1.0	PHAS=	-63.9	FOM=	0.87	TEST=	1
INDE	19	29	22	FOBS=	243.2	SIGMA=	0.7	PHAS=	-78.1	FOM=	0.98	TEST=	0
INDE	19	29	24	FOBS=	273.4	SIGMA=	0.6	PHAS=	-172.8	FOM=	0.98	TEST=	0
INDE	19	29	26	FOBS=	42.5	SIGMA=	3.8	PHAS=	-158.1	FOM=	0.84	TEST=	0
INDE	19	29	28	FOBS=	0.0	SIGMA=	16.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	19	29	30	FOBS=	67.9	SIGMA=	2.3	PHAS=	-136.6	FOM=	0.48	TEST=	0
INDE	19	29	32	FOBS=	152.4	SIGMA=	1.1	PHAS=	-128.4	FOM=	0.71	TEST=	0
INDE	19	29	34	FOBS=	209.7	SIGMA=	1.0	PHAS=	-138.7	FOM=	0.94	TEST=	0
INDE	19	29	36	FOBS=	170.7	SIGMA=	1.2	PHAS=	69.4	FOM=	0.94	TEST=	0
INDE	19	29	38	FOBS=	10.7	SIGMA=	20.2	PHAS=	-44.0	FOM=	0.60	TEST=	0
INDE	19	29	40	FOBS=	237.6	SIGMA=	0.8	PHAS=	-45.1	FOM=	0.97	TEST=	0
INDE	19	29	42	FOBS=	35.1	SIGMA=	5.7	PHAS=	-47.3	FOM=	0.48	TEST=	0
INDE	19	29	44	FOBS=	136.1	SIGMA=	1.4	PHAS=	74.0	FOM=	0.90	TEST=	0
INDE	19	29	46	FOBS=	161.5	SIGMA=	1.1	PHAS=	-64.0	FOM=	0.93	TEST=	0
INDE	19	29	48	FOBS=	142.5	SIGMA=	1.2	PHAS=	-24.6	FOM=	0.96	TEST=	0
INDE	19	29	50	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	29	52	FOBS=	181.5	SIGMA=	1.1	PHAS=	54.3	FOM=	0.96	TEST=	0
INDE	19	29	54	FOBS=	0.0	SIGMA=	17.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	29	56	FOBS=	21.1	SIGMA=	8.0	PHAS=	97.3	FOM=	0.51	TEST=	0
INDE	19	29	58	FOBS=	61.8	SIGMA=	3.1	PHAS=	176.7	FOM=	0.21	TEST=	0
INDE	19	29	60	FOBS=	52.0	SIGMA=	3.7	PHAS=	-52.1	FOM=	0.42	TEST=	1
INDE	19	29	62	FOBS=	83.3	SIGMA=	2.7	PHAS=	175.0	FOM=	0.88	TEST=	0
INDE	19	29	64	FOBS=	0.0	SIGMA=	25.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	29	66	FOBS=	75.0	SIGMA=	4.1	PHAS=	-52.7	FOM=	0.92	TEST=	0
INDE	19	30	19	FOBS=	127.3	SIGMA=	1.2	PHAS=	-108.4	FOM=	0.98	TEST=	0
INDE	19	30	21	FOBS=	180.3	SIGMA=	0.8	PHAS=	86.8	FOM=	0.99	TEST=	0
INDE	19	30	23	FOBS=	180.2	SIGMA=	0.8	PHAS=	25.5	FOM=	0.97	TEST=	1
INDE	19	30	25	FOBS=	133.1	SIGMA=	1.2	PHAS=	62.0	FOM=	0.98	TEST=	0

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INDE	19	30	27	FOBS=	164.5	SIGMA=	1.0	PHAS=	74.5	FOM=	0.89	TEST=	0
INDE	19	30	29	FOBS=	46.5	SIGMA=	3.2	PHAS=	-135.0	FOM=	0.64	TEST=	0
INDE	19	30	31	FOBS=	268.4	SIGMA=	0.7	PHAS=	168.4	FOM=	0.96	TEST=	0
INDE	19	30	33	FOBS=	91.5	SIGMA=	1.8	PHAS=	137.2	FOM=	0.95	TEST=	0
INDE	19	30	35	FOBS=	100.9	SIGMA=	1.8	PHAS=	126.0	FOM=	0.85	TEST=	0
INDE	19	30	37	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	30	39	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	30	41	FOBS=	181.1	SIGMA=	1.2	PHAS=	-67.9	FOM=	0.93	TEST=	0
INDE	19	30	43	FOBS=	185.9	SIGMA=	1.1	PHAS=	74.4	FOM=	0.95	TEST=	0
INDE	19	30	45	FOBS=	102.4	SIGMA=	1.7	PHAS=	-124.7	FOM=	0.90	TEST=	0
INDE	19	30	47	FOBS=	26.7	SIGMA=	6.5	PHAS=	-147.3	FOM=	0.38	TEST=	0
INDE	19	30	49	FOBS=	61.1	SIGMA=	2.7	PHAS=	-127.2	FOM=	0.84	TEST=	0
INDE	19	30	51	FOBS=	107.2	SIGMA=	1.6	PHAS=	-92.8	FOM=	0.89	TEST=	0
INDE	19	30	53	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	30	55	FOBS=	83.2	SIGMA=	2.4	PHAS=	84.3	FOM=	0.92	TEST=	0
INDE	19	30	57	FOBS=	68.1	SIGMA=	2.5	PHAS=	62.4	FOM=	0.42	TEST=	0
INDE	19	30	59	FOBS=	42.8	SIGMA=	4.7	PHAS=	89.5	FOM=	0.78	TEST=	0
INDE	19	30	61	FOBS=	61.5	SIGMA=	3.1	PHAS=	69.5	FOM=	0.45	TEST=	0
INDE	19	30	63	FOBS=	9.8	SIGMA=	24.5	PHAS=	83.7	FOM=	0.20	TEST=	0
INDE	19	30	65	FOBS=	0.0	SIGMA=	24.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	30	67	FOBS=	58.3	SIGMA=	9.7	PHAS=	149.7	FOM=	0.76	TEST=	0
INDE	19	30	69	FOBS=	93.5	SIGMA=	6.5	PHAS=	119.4	FOM=	0.93	TEST=	0
INDE	19	31	20	FOBS=	125.2	SIGMA=	1.2	PHAS=	-48.3	FOM=	0.89	TEST=	0
INDE	19	31	22	FOBS=	109.6	SIGMA=	1.3	PHAS=	-42.1	FOM=	0.86	TEST=	0
INDE	19	31	24	FOBS=	281.7	SIGMA=	0.7	PHAS=	-61.4	FOM=	0.99	TEST=	0
INDE	19	31	26	FOBS=	358.2	SIGMA=	0.6	PHAS=	-33.5	FOM=	0.97	TEST=	0
INDE	19	31	28	FOBS=	145.9	SIGMA=	1.2	PHAS=	-163.9	FOM=	0.71	TEST=	0
INDE	19	31	30	FOBS=	200.9	SIGMA=	0.9	PHAS=	85.9	FOM=	0.91	TEST=	0
INDE	19	31	32	FOBS=	159.0	SIGMA=	1.1	PHAS=	-84.1	FOM=	0.88	TEST=	0
INDE	19	31	34	FOBS=	48.7	SIGMA=	3.6	PHAS=	38.8	FOM=	0.94	TEST=	0
INDE	19	31	36	FOBS=	103.0	SIGMA=	1.8	PHAS=	99.4	FOM=	0.58	TEST=	0
INDE	19	31	38	FOBS=	119.5	SIGMA=	1.8	PHAS=	-157.9	FOM=	0.43	TEST=	1
INDE	19	31	40	FOBS=	128.6	SIGMA=	1.6	PHAS=	-138.2	FOM=	0.78	TEST=	0
INDE	19	31	42	FOBS=	144.2	SIGMA=	1.5	PHAS=	-42.5	FOM=	0.93	TEST=	0
INDE	19	31	44	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	31	46	FOBS=	50.7	SIGMA=	3.5	PHAS=	179.5	FOM=	0.85	TEST=	0
INDE	19	31	48	FOBS=	33.1	SIGMA=	4.9	PHAS=	-56.3	FOM=	0.15	TEST=	0
INDE	19	31	50	FOBS=	150.4	SIGMA=	1.2	PHAS=	90.7	FOM=	0.68	TEST=	1
INDE	19	31	52	FOBS=	39.6	SIGMA=	4.3	PHAS=	133.3	FOM=	0.61	TEST=	0
INDE	19	31	54	FOBS=	14.0	SIGMA=	14.2	PHAS=	-69.2	FOM=	0.25	TEST=	0
INDE	19	31	56	FOBS=	108.8	SIGMA=	1.8	PHAS=	25.9	FOM=	0.95	TEST=	0
INDE	19	31	58	FOBS=	42.8	SIGMA=	4.8	PHAS=	55.4	FOM=	0.53	TEST=	0
INDE	19	31	60	FOBS=	47.1	SIGMA=	4.7	PHAS=	64.4	FOM=	0.72	TEST=	0
INDE	19	31	62	FOBS=	54.1	SIGMA=	4.1	PHAS=	56.1	FOM=	0.75	TEST=	0
INDE	19	31	64	FOBS=	4.9	SIGMA=	79.0	PHAS=	81.0	FOM=	0.01	TEST=	0
INDE	19	31	66	FOBS=	75.9	SIGMA=	7.4	PHAS=	138.8	FOM=	0.70	TEST=	0
INDE	19	31	68	FOBS=	94.0	SIGMA=	6.4	PHAS=	80.5	FOM=	0.93	TEST=	0
INDE	19	32	19	FOBS=	66.0	SIGMA=	2.2	PHAS=	-81.7	FOM=	0.27	TEST=	0
INDE	19	32	21	FOBS=	253.0	SIGMA=	0.7	PHAS=	-13.8	FOM=	0.93	TEST=	0
INDE	19	32	23	FOBS=	294.0	SIGMA=	0.7	PHAS=	-151.2	FOM=	0.97	TEST=	0
INDE	19	32	25	FOBS=	223.6	SIGMA=	0.8	PHAS=	-119.1	FOM=	0.92	TEST=	0
INDE	19	32	27	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	32	29	FOBS=	26.3	SIGMA=	6.6	PHAS=	-80.7	FOM=	0.65	TEST=	0
INDE	19	32	31	FOBS=	143.0	SIGMA=	1.2	PHAS=	151.5	FOM=	0.90	TEST=	0
INDE	19	32	33	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	19	32	35	FOBS=	150.6	SIGMA=	1.1	PHAS=	78.8	FOM=	0.92	TEST=	0
INDE	19	32	37	FOBS=	114.2	SIGMA=	1.9	PHAS=	178.1	FOM=	0.93	TEST=	0
INDE	19	32	39	FOBS=	55.2	SIGMA=	3.7	PHAS=	59.4	FOM=	0.76	TEST=	0
INDE	19	32	41	FOBS=	115.8	SIGMA=	1.8	PHAS=	-39.2	FOM=	0.46	TEST=	1
INDE	19	32	43	FOBS=	72.0	SIGMA=	2.8	PHAS=	147.8	FOM=	0.91	TEST=	0
INDE	19	32	45	FOBS=	100.7	SIGMA=	1.7	PHAS=	84.5	FOM=	0.84	TEST=	0
INDE	19	32	47	FOBS=	82.4	SIGMA=	2.1	PHAS=	21.8	FOM=	0.92	TEST=	1
INDE	19	32	49	FOBS=	117.8	SIGMA=	1.5	PHAS=	-24.9	FOM=	0.92	TEST=	0
INDE	19	32	51	FOBS=	79.3	SIGMA=	2.1	PHAS=	42.3	FOM=	0.91	TEST=	0
INDE	19	32	53	FOBS=	60.9	SIGMA=	2.7	PHAS=	89.4	FOM=	0.42	TEST=	0
INDE	19	32	55	FOBS=	53.5	SIGMA=	3.6	PHAS=	22.3	FOM=	0.76	TEST=	0
INDE	19	32	57	FOBS=	15.4	SIGMA=	17.5	PHAS=	-157.0	FOM=	0.13	TEST=	0
INDE	19	32	59	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	32	61	FOBS=	85.0	SIGMA=	2.4	PHAS=	-51.4	FOM=	0.91	TEST=	0
INDE	19	32	63	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	19	32	65	FOBS=	38.9	SIGMA=	8.3	PHAS=	75.4	FOM=	0.84	TEST=	0
INDE	19	32	67	FOBS=	84.9	SIGMA=	6.8	PHAS=	27.3	FOM=	0.93	TEST=	0
INDE	19	33	20	FOBS=	346.2	SIGMA=	0.7	PHAS=	-104.1	FOM=	0.98	TEST=	0
INDE	19	33	22	FOBS=	223.8	SIGMA=	1.0	PHAS=	121.2	FOM=	0.96	TEST=	0
INDE	19	33	24	FOBS=	127.1	SIGMA=	1.3	PHAS=	67.0	FOM=	0.56	TEST=	1
INDE	19	33	26	FOBS=	177.6	SIGMA=	1.0	PHAS=	-58.6	FOM=	0.97	TEST=	0
INDE	19	33	28	FOBS=	247.4	SIGMA=	0.8	PHAS=	-165.0	FOM=	0.96	TEST=	0
INDE	19	33	30	FOBS=	31.0	SIGMA=	6.1	PHAS=	-124.7	FOM=	0.39	TEST=	0
INDE	19	33	32	FOBS=	182.0	SIGMA=	1.0	PHAS=	178.0	FOM=	0.22	TEST=	1
INDE	19	33	34	FOBS=	206.1	SIGMA=	0.9	PHAS=	-32.7	FOM=	0.96	TEST=	0
INDE	19	33	36	FOBS=	153.5	SIGMA=	1.5	PHAS=	23.1	FOM=	0.92	TEST=	0
INDE	19	33	38	FOBS=	121.8	SIGMA=	1.8	PHAS=	-13.5	FOM=	0.90	TEST=	1
INDE	19	33	40	FOBS=	93.8	SIGMA=	2.2	PHAS=	-142.3	FOM=	0.75	TEST=	0
INDE	19	33	42	FOBS=	105.2	SIGMA=	2.0	PHAS=	-70.7	FOM=	0.83	TEST=	0
INDE	19	33	44	FOBS=	76.9	SIGMA=	2.4	PHAS=	-56.0	FOM=	0.64	TEST=	0
INDE	19	33	46	FOBS=	107.4	SIGMA=	1.8	PHAS=	-63.2	FOM=	0.89	TEST=	0
INDE	19	33	48	FOBS=	226.1	SIGMA=	0.8	PHAS=	-72.2	FOM=	0.98	TEST=	0
INDE	19	33	50	FOBS=	81.2	SIGMA=	2.0	PHAS=	-122.6	FOM=	0.64	TEST=	0
INDE	19	33	52	FOBS=	0.0	SIGMA=	18.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	33	54	FOBS=	121.7	SIGMA=	1.7	PHAS=	-11.4	FOM=	0.94	TEST=	0
INDE	19	33	56	FOBS=	4.3	SIGMA=	51.0	PHAS=	107.2	FOM=	0.00	TEST=	1
INDE	19	33	58	FOBS=	44.6	SIGMA=	4.3	PHAS=	99.1	FOM=	0.18	TEST=	0
INDE	19	33	60	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	33	62	FOBS=	52.6	SIGMA=	5.1	PHAS=	-132.8	FOM=	0.66	TEST=	0
INDE	19	33	64	FOBS=	0.0	SIGMA=	27.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	33	66	FOBS=	53.8	SIGMA=	6.2	PHAS=	-81.7	FOM=	0.86	TEST=	0
INDE	19	34	19	FOBS=	140.2	SIGMA=	1.1	PHAS=	160.4	FOM=	0.96	TEST=	0
INDE	19	34	21	FOBS=	152.0	SIGMA=	1.2	PHAS=	57.3	FOM=	0.86	TEST=	0
INDE	19	34	23	FOBS=	86.8	SIGMA=	2.0	PHAS=	-48.7	FOM=	0.91	TEST=	0
INDE	19	34	25	FOBS=	149.8	SIGMA=	1.2	PHAS=	-154.9	FOM=	0.99	TEST=	0
INDE	19	34	27	FOBS=	167.1	SIGMA=	1.1	PHAS=	-63.3	FOM=	0.91	TEST=	0
INDE	19	34	29	FOBS=	28.3	SIGMA=	6.5	PHAS=	-20.2	FOM=	0.78	TEST=	0
INDE	19	34	31	FOBS=	163.9	SIGMA=	1.1	PHAS=	-165.5	FOM=	0.67	TEST=	1
INDE	19	34	33	FOBS=	90.9	SIGMA=	1.9	PHAS=	-32.6	FOM=	0.76	TEST=	0
INDE	19	34	35	FOBS=	131.4	SIGMA=	1.4	PHAS=	-148.7	FOM=	0.76	TEST=	0
INDE	19	34	37	FOBS=	93.0	SIGMA=	2.3	PHAS=	-137.6	FOM=	0.75	TEST=	0
INDE	19	34	39	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	34	41	FOBS=	36.5	SIGMA=	5.4	PHAS=	-164.5	FOM=	0.68	TEST=	0
INDE	19	34	43	FOBS=	107.8	SIGMA=	1.9	PHAS=	-147.0	FOM=	0.89	TEST=	0
INDE	19	34	45	FOBS=	45.4	SIGMA=	4.1	PHAS=	94.8	FOM=	0.28	TEST=	0
INDE	19	34	47	FOBS=	162.3	SIGMA=	1.2	PHAS=	-165.2	FOM=	0.96	TEST=	0
INDE	19	34	49	FOBS=	135.2	SIGMA=	1.3	PHAS=	-172.3	FOM=	0.92	TEST=	0
INDE	19	34	51	FOBS=	55.1	SIGMA=	3.0	PHAS=	155.1	FOM=	0.72	TEST=	1
INDE	19	34	53	FOBS=	132.6	SIGMA=	1.6	PHAS=	-82.8	FOM=	0.91	TEST=	0
INDE	19	34	55	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	34	57	FOBS=	58.3	SIGMA=	3.3	PHAS=	90.3	FOM=	0.85	TEST=	0
INDE	19	34	59	FOBS=	68.2	SIGMA=	2.8	PHAS=	163.4	FOM=	0.84	TEST=	0
INDE	19	34	61	FOBS=	82.1	SIGMA=	3.0	PHAS=	95.9	FOM=	0.75	TEST=	0
INDE	19	34	63	FOBS=	44.3	SIGMA=	5.3	PHAS=	98.5	FOM=	0.70	TEST=	0
INDE	19	34	65	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	34	67	FOBS=	9.6	SIGMA=	34.7	PHAS=	104.4	FOM=	0.13	TEST=	0
INDE	19	35	20	FOBS=	164.6	SIGMA=	1.0	PHAS=	-57.0	FOM=	0.92	TEST=	1
INDE	19	35	22	FOBS=	27.7	SIGMA=	6.2	PHAS=	43.4	FOM=	0.13	TEST=	0
INDE	19	35	24	FOBS=	282.6	SIGMA=	0.8	PHAS=	-67.6	FOM=	0.98	TEST=	0
INDE	19	35	26	FOBS=	189.3	SIGMA=	1.0	PHAS=	-161.7	FOM=	0.92	TEST=	0
INDE	19	35	28	FOBS=	327.7	SIGMA=	0.9	PHAS=	-128.0	FOM=	0.95	TEST=	0
INDE	19	35	30	FOBS=	33.4	SIGMA=	5.9	PHAS=	-103.3	FOM=	0.12	TEST=	0
INDE	19	35	32	FOBS=	69.4	SIGMA=	2.7	PHAS=	-113.1	FOM=	0.53	TEST=	0
INDE	19	35	34	FOBS=	137.9	SIGMA=	1.4	PHAS=	-30.2	FOM=	0.90	TEST=	0
INDE	19	35	36	FOBS=	119.5	SIGMA=	1.5	PHAS=	2.2	FOM=	0.86	TEST=	0
INDE	19	35	38	FOBS=	137.4	SIGMA=	1.6	PHAS=	58.0	FOM=	0.79	TEST=	0
INDE	19	35	40	FOBS=	69.2	SIGMA=	3.0	PHAS=	-8.5	FOM=	0.44	TEST=	0
INDE	19	35	42	FOBS=	43.7	SIGMA=	4.8	PHAS=	179.7	FOM=	0.50	TEST=	0
INDE	19	35	44	FOBS=	62.3	SIGMA=	3.2	PHAS=	-103.6	FOM=	0.67	TEST=	0
INDE	19	35	46	FOBS=	69.9	SIGMA=	2.7	PHAS=	-156.1	FOM=	0.90	TEST=	0
INDE	19	35	48	FOBS=	12.4	SIGMA=	16.7	PHAS=	100.3	FOM=	0.22	TEST=	0
INDE	19	35	50	FOBS=	41.7	SIGMA=	4.3	PHAS=	-122.8	FOM=	0.18	TEST=	0
INDE	19	35	52	FOBS=	104.7	SIGMA=	1.8	PHAS=	158.8	FOM=	0.90	TEST=	0
INDE	19	35	54	FOBS=	78.0	SIGMA=	2.5	PHAS=	22.0	FOM=	0.73	TEST=	0
INDE	19	35	56	FOBS=	48.5	SIGMA=	4.0	PHAS=	-177.7	FOM=	0.62	TEST=	0

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INDE 19 35 58 FOBS= 105.7 SIGMA= 2.1 PHAS= 32.3 FOM= 0.90 TEST= 0
INDE 19 35 60 FOBS= 52.1 SIGMA= 4.7 PHAS= 15.7 FOM= 0.49 TEST= 0
INDE 19 35 62 FOBS= 66.7 SIGMA= 3.3 PHAS= -4.2 FOM= 0.88 TEST= 0
INDE 19 35 64 FOBS= 38.7 SIGMA= 5.8 PHAS= -88.0 FOM= 0.66 TEST= 0
INDE 19 35 66 FOBS= 0.0 SIGMA= 28.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 19 36 19 FOBS= 206.0 SIGMA= 0.9 PHAS= 174.2 FOM= 0.91 TEST= 0
INDE 19 36 21 FOBS= 116.0 SIGMA= 1.4 PHAS= -53.7 FOM= 0.49 TEST= 0
INDE 19 36 23 FOBS= 132.5 SIGMA= 1.3 PHAS= -175.2 FOM= 0.90 TEST= 0
INDE 19 36 25 FOBS= 257.5 SIGMA= 0.8 PHAS= 177.5 FOM= 0.95 TEST= 0
INDE 19 36 27 FOBS= 53.1 SIGMA= 3.5 PHAS= 104.2 FOM= 0.46 TEST= 0
INDE 19 36 29 FOBS= 106.8 SIGMA= 1.8 PHAS= -80.6 FOM= 0.61 TEST= 0
INDE 19 36 31 FOBS= 53.9 SIGMA= 3.8 PHAS= 93.1 FOM= 0.92 TEST= 0
INDE 19 36 33 FOBS= 71.3 SIGMA= 2.6 PHAS= -107.6 FOM= 0.83 TEST= 0
INDE 19 36 35 FOBS= 273.6 SIGMA= 0.8 PHAS= -122.7 FOM= 0.97 TEST= 0
INDE 19 36 37 FOBS= 110.9 SIGMA= 1.7 PHAS= 31.6 FOM= 0.24 TEST= 0
INDE 19 36 39 FOBS= 80.1 SIGMA= 2.6 PHAS= -167.1 FOM= 0.45 TEST= 0
INDE 19 36 41 FOBS= 0.0 SIGMA= 20.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 19 36 43 FOBS= 51.1 SIGMA= 3.9 PHAS= 144.9 FOM= 0.80 TEST= 0
INDE 19 36 45 FOBS= 108.9 SIGMA= 1.8 PHAS= 125.4 FOM= 0.87 TEST= 0
INDE 19 36 47 FOBS= 0.0 SIGMA= 19.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 19 36 49 FOBS= 113.0 SIGMA= 1.7 PHAS= 122.3 FOM= 0.94 TEST= 0
INDE 19 36 51 FOBS= 49.7 SIGMA= 3.9 PHAS= -77.0 FOM= 0.65 TEST= 0
INDE 19 36 53 FOBS= 75.5 SIGMA= 2.6 PHAS= -120.9 FOM= 0.08 TEST= 1
INDE 19 36 55 FOBS= 92.6 SIGMA= 2.2 PHAS= 51.2 FOM= 0.93 TEST= 0
INDE 19 36 57 FOBS= 69.3 SIGMA= 3.1 PHAS= 48.1 FOM= 0.37 TEST= 1
INDE 19 36 59 FOBS= 47.2 SIGMA= 4.6 PHAS= -127.5 FOM= 0.76 TEST= 0
INDE 19 36 61 FOBS= 32.5 SIGMA= 6.7 PHAS= -132.9 FOM= 0.29 TEST= 0
INDE 19 36 63 FOBS= 0.0 SIGMA= 21.1 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 19 36 65 FOBS= 58.4 SIGMA= 5.7 PHAS= 170.7 FOM= 0.86 TEST= 0
INDE 19 37 20 FOBS= 189.6 SIGMA= 0.9 PHAS= 66.8 FOM= 0.88 TEST= 1
INDE 19 37 22 FOBS= 76.7 SIGMA= 2.2 PHAS= 62.6 FOM= 0.67 TEST= 0
INDE 19 37 24 FOBS= 124.3 SIGMA= 1.5 PHAS= 15.3 FOM= 0.96 TEST= 0
INDE 19 37 26 FOBS= 215.9 SIGMA= 0.9 PHAS= -157.6 FOM= 0.95 TEST= 0
INDE 19 37 28 FOBS= 198.5 SIGMA= 1.1 PHAS= -162.0 FOM= 0.95 TEST= 0
INDE 19 37 30 FOBS= 107.2 SIGMA= 1.9 PHAS= 75.3 FOM= 0.94 TEST= 0
INDE 19 37 32 FOBS= 154.4 SIGMA= 1.4 PHAS= -71.6 FOM= 0.93 TEST= 0
INDE 19 37 34 FOBS= 205.9 SIGMA= 1.0 PHAS= 158.0 FOM= 0.95 TEST= 1
INDE 19 37 36 FOBS= 54.5 SIGMA= 3.3 PHAS= -156.7 FOM= 0.83 TEST= 0
INDE 19 37 38 FOBS= 112.9 SIGMA= 1.7 PHAS= 27.2 FOM= 0.81 TEST= 0
INDE 19 37 40 FOBS= 110.2 SIGMA= 1.9 PHAS= -99.8 FOM= 0.82 TEST= 0
INDE 19 37 42 FOBS= 39.2 SIGMA= 5.1 PHAS= 85.5 FOM= 0.55 TEST= 0
INDE 19 37 44 FOBS= 119.3 SIGMA= 1.7 PHAS= 16.1 FOM= 0.92 TEST= 0
INDE 19 37 46 FOBS= 94.9 SIGMA= 2.0 PHAS= -163.8 FOM= 0.96 TEST= 0
INDE 19 37 48 FOBS= 59.4 SIGMA= 3.1 PHAS= 62.5 FOM= 0.89 TEST= 0
INDE 19 37 50 FOBS= 0.0 SIGMA= 18.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 19 37 52 FOBS= 155.4 SIGMA= 1.2 PHAS= 176.1 FOM= 0.95 TEST= 0
INDE 19 37 54 FOBS= 79.7 SIGMA= 2.5 PHAS= -7.1 FOM= 0.81 TEST= 0
INDE 19 37 56 FOBS= 88.0 SIGMA= 2.5 PHAS= -120.0 FOM= 0.91 TEST= 0
INDE 19 37 58 FOBS= 131.7 SIGMA= 1.8 PHAS= 130.5 FOM= 0.92 TEST= 0
INDE 19 37 60 FOBS= 77.5 SIGMA= 2.8 PHAS= -30.0 FOM= 0.83 TEST= 0
INDE 19 37 62 FOBS= 0.0 SIGMA= 25.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 19 37 64 FOBS= 89.4 SIGMA= 3.2 PHAS= -97.2 FOM= 0.93 TEST= 0
INDE 19 38 19 FOBS= 281.3 SIGMA= 0.8 PHAS= 34.8 FOM= 0.97 TEST= 0
INDE 19 38 21 FOBS= 188.9 SIGMA= 1.0 PHAS= 59.1 FOM= 0.93 TEST= 0
INDE 19 38 23 FOBS= 172.7 SIGMA= 1.1 PHAS= -99.4 FOM= 0.88 TEST= 0
INDE 19 38 25 FOBS= 224.4 SIGMA= 0.9 PHAS= 148.4 FOM= 0.97 TEST= 0
INDE 19 38 27 FOBS= 218.3 SIGMA= 1.0 PHAS= 140.8 FOM= 0.95 TEST= 0
INDE 19 38 29 FOBS= 124.1 SIGMA= 1.7 PHAS= 37.4 FOM= 0.93 TEST= 0
INDE 19 38 31 FOBS= 78.7 SIGMA= 2.6 PHAS= 51.2 FOM= 0.48 TEST= 1
INDE 19 38 33 FOBS= 41.0 SIGMA= 5.1 PHAS= 153.6 FOM= 0.66 TEST= 0
INDE 19 38 35 FOBS= 203.4 SIGMA= 1.0 PHAS= 124.9 FOM= 0.90 TEST= 0
INDE 19 38 37 FOBS= 199.0 SIGMA= 1.0 PHAS= -1.3 FOM= 0.95 TEST= 0
INDE 19 38 39 FOBS= 57.0 SIGMA= 3.2 PHAS= 150.9 FOM= 0.55 TEST= 0
INDE 19 38 41 FOBS= 68.9 SIGMA= 3.0 PHAS= -160.0 FOM= 0.72 TEST= 0
INDE 19 38 43 FOBS= 82.4 SIGMA= 2.5 PHAS= -143.4 FOM= 0.79 TEST= 0
INDE 19 38 45 FOBS= 101.8 SIGMA= 2.0 PHAS= -173.2 FOM= 0.73 TEST= 0
INDE 19 38 47 FOBS= 196.9 SIGMA= 1.1 PHAS= 44.4 FOM= 0.97 TEST= 0
INDE 19 38 49 FOBS= 139.7 SIGMA= 1.4 PHAS= 70.8 FOM= 0.94 TEST= 0
INDE 19 38 51 FOBS= 84.9 SIGMA= 2.4 PHAS= 138.4 FOM= 0.90 TEST= 0
INDE 19 38 53 FOBS= 87.4 SIGMA= 2.5 PHAS= 5.2 FOM= 0.12 TEST= 1

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INDE	19	38	55	FOBS=	89.9	SIGMA=	2.5	PHAS=	109.7	FOM=	0.93	TEST=	0
INDE	19	38	57	FOBS=	44.8	SIGMA=	4.9	PHAS=	63.8	FOM=	0.73	TEST=	0
INDE	19	38	59	FOBS=	31.9	SIGMA=	6.8	PHAS=	-135.4	FOM=	0.02	TEST=	1
INDE	19	38	61	FOBS=	56.9	SIGMA=	3.9	PHAS=	-101.9	FOM=	0.83	TEST=	0
INDE	19	38	63	FOBS=	25.0	SIGMA=	12.9	PHAS=	16.3	FOM=	0.35	TEST=	0
INDE	19	38	65	FOBS=	106.5	SIGMA=	3.9	PHAS=	177.3	FOM=	0.96	TEST=	0
INDE	19	39	20	FOBS=	222.4	SIGMA=	1.0	PHAS=	-32.9	FOM=	0.95	TEST=	0
INDE	19	39	22	FOBS=	174.8	SIGMA=	1.1	PHAS=	98.0	FOM=	0.86	TEST=	0
INDE	19	39	24	FOBS=	297.3	SIGMA=	0.8	PHAS=	57.0	FOM=	0.97	TEST=	0
INDE	19	39	26	FOBS=	89.3	SIGMA=	2.2	PHAS=	124.5	FOM=	0.23	TEST=	0
INDE	19	39	28	FOBS=	162.4	SIGMA=	1.2	PHAS=	83.9	FOM=	0.49	TEST=	1
INDE	19	39	30	FOBS=	100.7	SIGMA=	2.0	PHAS=	4.9	FOM=	0.89	TEST=	0
INDE	19	39	32	FOBS=	66.2	SIGMA=	3.0	PHAS=	2.4	FOM=	0.61	TEST=	0
INDE	19	39	34	FOBS=	55.4	SIGMA=	3.4	PHAS=	179.4	FOM=	0.09	TEST=	1
INDE	19	39	36	FOBS=	55.9	SIGMA=	3.2	PHAS=	41.0	FOM=	0.12	TEST=	0
INDE	19	39	38	FOBS=	138.4	SIGMA=	1.4	PHAS=	-64.4	FOM=	0.82	TEST=	0
INDE	19	39	40	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	39	42	FOBS=	33.9	SIGMA=	6.3	PHAS=	77.5	FOM=	0.65	TEST=	0
INDE	19	39	44	FOBS=	25.9	SIGMA=	7.7	PHAS=	160.7	FOM=	0.14	TEST=	0
INDE	19	39	46	FOBS=	22.7	SIGMA=	8.3	PHAS=	153.2	FOM=	0.22	TEST=	1
INDE	19	39	48	FOBS=	157.1	SIGMA=	1.3	PHAS=	-33.2	FOM=	0.97	TEST=	0
INDE	19	39	50	FOBS=	96.4	SIGMA=	2.1	PHAS=	27.9	FOM=	0.92	TEST=	0
INDE	19	39	52	FOBS=	148.3	SIGMA=	1.6	PHAS=	89.7	FOM=	0.96	TEST=	0
INDE	19	39	54	FOBS=	132.1	SIGMA=	1.7	PHAS=	72.8	FOM=	0.11	TEST=	1
INDE	19	39	56	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	39	58	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	19	39	60	FOBS=	85.7	SIGMA=	2.6	PHAS=	-24.9	FOM=	0.92	TEST=	0
INDE	19	39	62	FOBS=	0.0	SIGMA=	28.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	19	39	64	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	40	19	FOBS=	308.2	SIGMA=	0.8	PHAS=	-25.0	FOM=	0.98	TEST=	0
INDE	19	40	21	FOBS=	135.1	SIGMA=	1.4	PHAS=	16.4	FOM=	0.95	TEST=	0
INDE	19	40	23	FOBS=	171.7	SIGMA=	1.3	PHAS=	-36.7	FOM=	0.44	TEST=	1
INDE	19	40	25	FOBS=	88.4	SIGMA=	2.2	PHAS=	-38.0	FOM=	0.96	TEST=	0
INDE	19	40	27	FOBS=	116.6	SIGMA=	1.6	PHAS=	-31.7	FOM=	0.77	TEST=	0
INDE	19	40	29	FOBS=	64.4	SIGMA=	2.9	PHAS=	93.6	FOM=	0.56	TEST=	0
INDE	19	40	31	FOBS=	107.8	SIGMA=	1.9	PHAS=	-40.7	FOM=	0.93	TEST=	0
INDE	19	40	33	FOBS=	174.5	SIGMA=	1.2	PHAS=	-117.2	FOM=	0.93	TEST=	0
INDE	19	40	35	FOBS=	132.9	SIGMA=	1.4	PHAS=	166.0	FOM=	0.94	TEST=	0
INDE	19	40	37	FOBS=	102.7	SIGMA=	1.8	PHAS=	82.6	FOM=	0.90	TEST=	0
INDE	19	40	39	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	40	41	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	40	43	FOBS=	25.7	SIGMA=	7.8	PHAS=	-160.4	FOM=	0.18	TEST=	0
INDE	19	40	45	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	40	47	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	40	49	FOBS=	90.4	SIGMA=	2.5	PHAS=	-44.3	FOM=	0.89	TEST=	0
INDE	19	40	51	FOBS=	134.8	SIGMA=	1.8	PHAS=	-29.6	FOM=	0.96	TEST=	0
INDE	19	40	53	FOBS=	47.8	SIGMA=	4.5	PHAS=	-16.4	FOM=	0.70	TEST=	0
INDE	19	40	55	FOBS=	59.4	SIGMA=	3.7	PHAS=	38.2	FOM=	0.85	TEST=	0
INDE	19	40	57	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	40	59	FOBS=	36.4	SIGMA=	6.1	PHAS=	-123.5	FOM=	0.67	TEST=	0
INDE	19	40	61	FOBS=	62.4	SIGMA=	3.6	PHAS=	-105.8	FOM=	0.71	TEST=	0
INDE	19	40	63	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	41	20	FOBS=	201.6	SIGMA=	1.1	PHAS=	-118.2	FOM=	0.92	TEST=	0
INDE	19	41	22	FOBS=	227.7	SIGMA=	1.0	PHAS=	-118.4	FOM=	0.44	TEST=	1
INDE	19	41	24	FOBS=	245.4	SIGMA=	0.9	PHAS=	15.1	FOM=	0.96	TEST=	0
INDE	19	41	26	FOBS=	117.7	SIGMA=	1.7	PHAS=	169.6	FOM=	0.85	TEST=	0
INDE	19	41	28	FOBS=	155.1	SIGMA=	1.2	PHAS=	79.9	FOM=	0.84	TEST=	0
INDE	19	41	30	FOBS=	51.8	SIGMA=	3.6	PHAS=	57.2	FOM=	0.49	TEST=	0
INDE	19	41	32	FOBS=	142.1	SIGMA=	1.5	PHAS=	111.5	FOM=	0.77	TEST=	0
INDE	19	41	34	FOBS=	89.7	SIGMA=	2.3	PHAS=	149.4	FOM=	0.96	TEST=	0
INDE	19	41	36	FOBS=	154.4	SIGMA=	1.2	PHAS=	47.2	FOM=	0.94	TEST=	0
INDE	19	41	38	FOBS=	137.4	SIGMA=	1.3	PHAS=	-48.7	FOM=	0.95	TEST=	0
INDE	19	41	40	FOBS=	70.1	SIGMA=	2.6	PHAS=	-48.0	FOM=	0.85	TEST=	0
INDE	19	41	42	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	41	44	FOBS=	29.7	SIGMA=	7.9	PHAS=	-150.8	FOM=	0.44	TEST=	0
INDE	19	41	46	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	41	48	FOBS=	66.1	SIGMA=	3.4	PHAS=	-118.4	FOM=	0.85	TEST=	0
INDE	19	41	50	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	19	41	52	FOBS=	51.4	SIGMA=	4.8	PHAS=	90.7	FOM=	0.33	TEST=	0
INDE	19	41	54	FOBS=	39.4	SIGMA=	5.6	PHAS=	-105.3	FOM=	0.60	TEST=	0

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INDE	19	41	56	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	41	58	FOBS=	41.1	SIGMA=	6.0	PHAS=	9.5	FOM=	0.32	TEST=	1
INDE	19	41	60	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	41	62	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	42	19	FOBS=	108.5	SIGMA=	2.1	PHAS=	174.0	FOM=	0.84	TEST=	0
INDE	19	42	21	FOBS=	70.6	SIGMA=	2.8	PHAS=	-24.5	FOM=	0.43	TEST=	1
INDE	19	42	23	FOBS=	146.4	SIGMA=	1.4	PHAS=	-99.8	FOM=	0.90	TEST=	0
INDE	19	42	25	FOBS=	34.9	SIGMA=	5.4	PHAS=	-37.0	FOM=	0.59	TEST=	0
INDE	19	42	27	FOBS=	231.7	SIGMA=	0.9	PHAS=	8.0	FOM=	0.97	TEST=	0
INDE	19	42	29	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	42	31	FOBS=	152.4	SIGMA=	1.2	PHAS=	-1.4	FOM=	0.93	TEST=	0
INDE	19	42	33	FOBS=	9.2	SIGMA=	23.2	PHAS=	-178.2	FOM=	0.05	TEST=	0
INDE	19	42	35	FOBS=	44.6	SIGMA=	4.4	PHAS=	-46.8	FOM=	0.64	TEST=	1
INDE	19	42	37	FOBS=	46.5	SIGMA=	3.8	PHAS=	120.5	FOM=	0.81	TEST=	0
INDE	19	42	39	FOBS=	34.0	SIGMA=	5.9	PHAS=	-109.7	FOM=	0.62	TEST=	0
INDE	19	42	41	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	42	43	FOBS=	57.5	SIGMA=	3.9	PHAS=	-118.0	FOM=	0.20	TEST=	0
INDE	19	42	45	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	42	47	FOBS=	102.5	SIGMA=	2.3	PHAS=	131.8	FOM=	0.81	TEST=	0
INDE	19	42	49	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	42	51	FOBS=	61.0	SIGMA=	3.7	PHAS=	-70.2	FOM=	0.57	TEST=	0
INDE	19	42	53	FOBS=	17.2	SIGMA=	15.1	PHAS=	131.4	FOM=	0.01	TEST=	1
INDE	19	42	55	FOBS=	61.4	SIGMA=	3.7	PHAS=	67.0	FOM=	0.78	TEST=	0
INDE	19	42	57	FOBS=	41.1	SIGMA=	5.4	PHAS=	139.9	FOM=	0.09	TEST=	1
INDE	19	42	59	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	19	42	61	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	43	20	FOBS=	243.6	SIGMA=	1.0	PHAS=	137.0	FOM=	0.96	TEST=	0
INDE	19	43	22	FOBS=	236.2	SIGMA=	0.9	PHAS=	143.0	FOM=	0.96	TEST=	0
INDE	19	43	24	FOBS=	74.6	SIGMA=	2.6	PHAS=	0.2	FOM=	0.79	TEST=	0
INDE	19	43	26	FOBS=	66.1	SIGMA=	2.9	PHAS=	-7.5	FOM=	0.91	TEST=	1
INDE	19	43	28	FOBS=	109.7	SIGMA=	1.8	PHAS=	-68.6	FOM=	0.94	TEST=	0
INDE	19	43	30	FOBS=	110.1	SIGMA=	1.6	PHAS=	-79.2	FOM=	0.93	TEST=	0
INDE	19	43	32	FOBS=	229.0	SIGMA=	1.0	PHAS=	57.2	FOM=	0.86	TEST=	1
INDE	19	43	34	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	43	36	FOBS=	169.1	SIGMA=	1.2	PHAS=	86.7	FOM=	0.88	TEST=	0
INDE	19	43	38	FOBS=	35.9	SIGMA=	4.9	PHAS=	154.3	FOM=	0.79	TEST=	0
INDE	19	43	40	FOBS=	55.0	SIGMA=	3.5	PHAS=	-98.9	FOM=	0.73	TEST=	0
INDE	19	43	42	FOBS=	43.4	SIGMA=	4.8	PHAS=	-40.2	FOM=	0.67	TEST=	0
INDE	19	43	44	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	43	46	FOBS=	41.3	SIGMA=	6.0	PHAS=	-51.7	FOM=	0.58	TEST=	0
INDE	19	43	48	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	43	50	FOBS=	69.0	SIGMA=	3.3	PHAS=	69.9	FOM=	0.89	TEST=	0
INDE	19	43	52	FOBS=	50.0	SIGMA=	4.4	PHAS=	15.2	FOM=	0.40	TEST=	0
INDE	19	43	54	FOBS=	46.8	SIGMA=	4.7	PHAS=	45.2	FOM=	0.48	TEST=	0
INDE	19	43	56	FOBS=	61.3	SIGMA=	3.7	PHAS=	5.5	FOM=	0.41	TEST=	0
INDE	19	43	58	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	43	60	FOBS=	3.3	SIGMA=	86.0	PHAS=	125.5	FOM=	0.07	TEST=	0
INDE	19	44	19	FOBS=	242.1	SIGMA=	0.9	PHAS=	14.4	FOM=	0.95	TEST=	0
INDE	19	44	21	FOBS=	156.1	SIGMA=	1.3	PHAS=	-5.6	FOM=	0.86	TEST=	0
INDE	19	44	23	FOBS=	121.2	SIGMA=	1.6	PHAS=	-47.8	FOM=	0.87	TEST=	0
INDE	19	44	25	FOBS=	87.6	SIGMA=	2.2	PHAS=	-97.3	FOM=	0.73	TEST=	0
INDE	19	44	27	FOBS=	105.2	SIGMA=	1.8	PHAS=	27.4	FOM=	0.50	TEST=	1
INDE	19	44	29	FOBS=	110.7	SIGMA=	1.8	PHAS=	-161.7	FOM=	0.97	TEST=	0
INDE	19	44	31	FOBS=	37.0	SIGMA=	5.1	PHAS=	-156.1	FOM=	0.47	TEST=	0
INDE	19	44	33	FOBS=	52.6	SIGMA=	3.3	PHAS=	-153.0	FOM=	0.86	TEST=	0
INDE	19	44	35	FOBS=	91.9	SIGMA=	2.4	PHAS=	-179.0	FOM=	0.34	TEST=	1
INDE	19	44	37	FOBS=	128.1	SIGMA=	1.6	PHAS=	67.1	FOM=	0.66	TEST=	1
INDE	19	44	39	FOBS=	67.2	SIGMA=	3.0	PHAS=	104.2	FOM=	0.77	TEST=	0
INDE	19	44	41	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	44	43	FOBS=	86.1	SIGMA=	2.5	PHAS=	-88.3	FOM=	0.92	TEST=	0
INDE	19	44	45	FOBS=	140.8	SIGMA=	1.9	PHAS=	-97.1	FOM=	0.94	TEST=	0
INDE	19	44	47	FOBS=	34.8	SIGMA=	6.5	PHAS=	54.1	FOM=	0.47	TEST=	0
INDE	19	44	49	FOBS=	108.8	SIGMA=	2.1	PHAS=	-75.9	FOM=	0.90	TEST=	0
INDE	19	44	51	FOBS=	111.7	SIGMA=	2.1	PHAS=	-17.9	FOM=	0.94	TEST=	0
INDE	19	44	53	FOBS=	34.9	SIGMA=	6.4	PHAS=	-54.9	FOM=	0.35	TEST=	0
INDE	19	44	55	FOBS=	39.9	SIGMA=	5.6	PHAS=	-85.2	FOM=	0.72	TEST=	0
INDE	19	44	57	FOBS=	62.0	SIGMA=	3.7	PHAS=	88.0	FOM=	0.75	TEST=	0
INDE	19	44	59	FOBS=	50.0	SIGMA=	5.6	PHAS=	83.1	FOM=	0.36	TEST=	0
INDE	19	44	61	FOBS=	111.7	SIGMA=	2.7	PHAS=	176.4	FOM=	0.92	TEST=	0
INDE	19	45	20	FOBS=	56.5	SIGMA=	3.6	PHAS=	173.3	FOM=	0.86	TEST=	0

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INDE	19	45	22	FOBS=	43.1	SIGMA=	4.4	PHAS=	-164.2	FOM=	0.59	TEST=	0
INDE	19	45	24	FOBS=	126.1	SIGMA=	1.6	PHAS=	176.8	FOM=	0.85	TEST=	0
INDE	19	45	26	FOBS=	57.9	SIGMA=	3.3	PHAS=	63.0	FOM=	0.15	TEST=	0
INDE	19	45	28	FOBS=	23.2	SIGMA=	8.6	PHAS=	-125.4	FOM=	0.64	TEST=	0
INDE	19	45	30	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	45	32	FOBS=	213.9	SIGMA=	1.0	PHAS=	85.7	FOM=	0.96	TEST=	0
INDE	19	45	34	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	19	45	36	FOBS=	91.8	SIGMA=	2.6	PHAS=	43.4	FOM=	0.91	TEST=	0
INDE	19	45	38	FOBS=	151.7	SIGMA=	1.4	PHAS=	-16.1	FOM=	0.95	TEST=	0
INDE	19	45	40	FOBS=	60.6	SIGMA=	3.4	PHAS=	-8.5	FOM=	0.78	TEST=	0
INDE	19	45	42	FOBS=	100.6	SIGMA=	2.1	PHAS=	-158.9	FOM=	0.88	TEST=	0
INDE	19	45	44	FOBS=	145.2	SIGMA=	1.5	PHAS=	162.5	FOM=	0.95	TEST=	0
INDE	19	45	46	FOBS=	43.3	SIGMA=	5.7	PHAS=	143.8	FOM=	0.29	TEST=	1
INDE	19	45	48	FOBS=	48.8	SIGMA=	4.7	PHAS=	-167.3	FOM=	0.44	TEST=	0
INDE	19	45	50	FOBS=	54.1	SIGMA=	4.1	PHAS=	-103.8	FOM=	0.54	TEST=	0
INDE	19	45	52	FOBS=	104.6	SIGMA=	2.2	PHAS=	-135.5	FOM=	0.91	TEST=	0
INDE	19	45	54	FOBS=	55.1	SIGMA=	4.1	PHAS=	130.1	FOM=	0.48	TEST=	0
INDE	19	45	56	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	45	58	FOBS=	16.7	SIGMA=	20.0	PHAS=	-72.3	FOM=	0.11	TEST=	0
INDE	19	45	60	FOBS=	147.0	SIGMA=	2.1	PHAS=	-40.6	FOM=	0.93	TEST=	0
INDE	19	46	19	FOBS=	127.4	SIGMA=	1.5	PHAS=	1.1	FOM=	0.91	TEST=	0
INDE	19	46	21	FOBS=	70.3	SIGMA=	2.7	PHAS=	-62.0	FOM=	0.64	TEST=	1
INDE	19	46	23	FOBS=	12.1	SIGMA=	15.5	PHAS=	33.2	FOM=	0.05	TEST=	0
INDE	19	46	25	FOBS=	77.3	SIGMA=	2.7	PHAS=	115.4	FOM=	0.38	TEST=	0
INDE	19	46	27	FOBS=	71.2	SIGMA=	2.9	PHAS=	-83.7	FOM=	0.66	TEST=	0
INDE	19	46	29	FOBS=	144.0	SIGMA=	1.6	PHAS=	33.5	FOM=	0.92	TEST=	0
INDE	19	46	31	FOBS=	43.6	SIGMA=	4.4	PHAS=	24.3	FOM=	0.83	TEST=	0
INDE	19	46	33	FOBS=	75.2	SIGMA=	2.6	PHAS=	-94.8	FOM=	0.52	TEST=	0
INDE	19	46	35	FOBS=	59.7	SIGMA=	3.3	PHAS=	-24.8	FOM=	0.75	TEST=	0
INDE	19	46	37	FOBS=	69.0	SIGMA=	3.4	PHAS=	-101.0	FOM=	0.78	TEST=	0
INDE	19	46	39	FOBS=	9.4	SIGMA=	22.4	PHAS=	152.4	FOM=	0.14	TEST=	1
INDE	19	46	41	FOBS=	32.8	SIGMA=	6.4	PHAS=	70.7	FOM=	0.36	TEST=	0
INDE	19	46	43	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	46	45	FOBS=	60.9	SIGMA=	3.5	PHAS=	-169.2	FOM=	0.80	TEST=	0
INDE	19	46	47	FOBS=	38.8	SIGMA=	6.4	PHAS=	-4.5	FOM=	0.65	TEST=	0
INDE	19	46	49	FOBS=	53.9	SIGMA=	4.2	PHAS=	169.7	FOM=	0.50	TEST=	0
INDE	19	46	51	FOBS=	46.0	SIGMA=	4.9	PHAS=	73.2	FOM=	0.37	TEST=	0
INDE	19	46	53	FOBS=	60.1	SIGMA=	3.8	PHAS=	92.6	FOM=	0.74	TEST=	0
INDE	19	46	55	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	46	57	FOBS=	74.4	SIGMA=	3.4	PHAS=	59.1	FOM=	0.61	TEST=	0
INDE	19	46	59	FOBS=	42.0	SIGMA=	6.9	PHAS=	-63.9	FOM=	0.63	TEST=	0
INDE	19	47	20	FOBS=	144.2	SIGMA=	1.6	PHAS=	94.7	FOM=	0.83	TEST=	0
INDE	19	47	22	FOBS=	104.6	SIGMA=	2.1	PHAS=	-119.0	FOM=	0.66	TEST=	0
INDE	19	47	24	FOBS=	128.8	SIGMA=	1.8	PHAS=	88.4	FOM=	0.90	TEST=	0
INDE	19	47	26	FOBS=	79.3	SIGMA=	2.8	PHAS=	-97.9	FOM=	0.08	TEST=	0
INDE	19	47	28	FOBS=	188.7	SIGMA=	1.3	PHAS=	-103.8	FOM=	0.94	TEST=	0
INDE	19	47	30	FOBS=	151.2	SIGMA=	1.5	PHAS=	-42.0	FOM=	0.92	TEST=	0
INDE	19	47	32	FOBS=	95.6	SIGMA=	2.0	PHAS=	73.7	FOM=	0.78	TEST=	0
INDE	19	47	34	FOBS=	121.8	SIGMA=	1.6	PHAS=	32.0	FOM=	0.87	TEST=	0
INDE	19	47	36	FOBS=	63.1	SIGMA=	3.1	PHAS=	-85.9	FOM=	0.71	TEST=	0
INDE	19	47	38	FOBS=	94.6	SIGMA=	2.5	PHAS=	55.1	FOM=	0.83	TEST=	0
INDE	19	47	40	FOBS=	94.2	SIGMA=	2.2	PHAS=	-42.3	FOM=	0.86	TEST=	0
INDE	19	47	42	FOBS=	87.6	SIGMA=	2.4	PHAS=	34.3	FOM=	0.09	TEST=	1
INDE	19	47	44	FOBS=	80.0	SIGMA=	2.7	PHAS=	146.2	FOM=	0.67	TEST=	0
INDE	19	47	46	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	19	47	48	FOBS=	30.6	SIGMA=	8.8	PHAS=	-140.7	FOM=	0.41	TEST=	0
INDE	19	47	50	FOBS=	17.9	SIGMA=	15.8	PHAS=	27.7	FOM=	0.07	TEST=	0
INDE	19	47	52	FOBS=	130.4	SIGMA=	1.8	PHAS=	110.4	FOM=	0.94	TEST=	0
INDE	19	47	54	FOBS=	46.1	SIGMA=	4.9	PHAS=	167.9	FOM=	0.47	TEST=	0
INDE	19	47	56	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	47	58	FOBS=	40.2	SIGMA=	7.1	PHAS=	-24.3	FOM=	0.05	TEST=	1
INDE	19	48	19	FOBS=	82.1	SIGMA=	2.6	PHAS=	-12.6	FOM=	0.75	TEST=	0
INDE	19	48	21	FOBS=	121.0	SIGMA=	1.8	PHAS=	-52.4	FOM=	0.78	TEST=	0
INDE	19	48	23	FOBS=	177.9	SIGMA=	1.3	PHAS=	-14.4	FOM=	0.46	TEST=	1
INDE	19	48	25	FOBS=	104.8	SIGMA=	2.1	PHAS=	-87.9	FOM=	0.62	TEST=	0
INDE	19	48	27	FOBS=	205.5	SIGMA=	1.2	PHAS=	100.6	FOM=	0.96	TEST=	0
INDE	19	48	29	FOBS=	108.0	SIGMA=	2.1	PHAS=	109.8	FOM=	0.93	TEST=	0
INDE	19	48	31	FOBS=	51.3	SIGMA=	4.2	PHAS=	-77.8	FOM=	0.70	TEST=	0
INDE	19	48	33	FOBS=	43.5	SIGMA=	4.7	PHAS=	8.3	FOM=	0.43	TEST=	0
INDE	19	48	35	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0

INDE	19	48	37	FOBS=	181.2	SIGMA=	1.2	PHAS=	-151.0	FOM=	0.95	TEST=	0
INDE	19	48	39	FOBS=	53.6	SIGMA=	3.7	PHAS=	146.6	FOM=	0.35	TEST=	0
INDE	19	48	41	FOBS=	39.7	SIGMA=	6.7	PHAS=	-116.8	FOM=	0.56	TEST=	0
INDE	19	48	43	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	48	45	FOBS=	49.3	SIGMA=	4.3	PHAS=	157.2	FOM=	0.13	TEST=	0
INDE	19	48	47	FOBS=	102.0	SIGMA=	2.1	PHAS=	75.5	FOM=	0.79	TEST=	0
INDE	19	48	49	FOBS=	65.5	SIGMA=	3.5	PHAS=	33.9	FOM=	0.78	TEST=	0
INDE	19	48	51	FOBS=	36.7	SIGMA=	6.2	PHAS=	136.7	FOM=	0.43	TEST=	0
INDE	19	48	53	FOBS=	95.9	SIGMA=	2.5	PHAS=	49.3	FOM=	0.95	TEST=	0
INDE	19	48	55	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	19	48	57	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	49	20	FOBS=	88.9	SIGMA=	2.4	PHAS=	-176.2	FOM=	0.49	TEST=	0
INDE	19	49	22	FOBS=	260.2	SIGMA=	1.0	PHAS=	-53.0	FOM=	0.97	TEST=	0
INDE	19	49	24	FOBS=	136.7	SIGMA=	1.7	PHAS=	-7.6	FOM=	0.91	TEST=	0
INDE	19	49	26	FOBS=	172.8	SIGMA=	1.4	PHAS=	-34.3	FOM=	0.96	TEST=	0
INDE	19	49	28	FOBS=	88.4	SIGMA=	2.8	PHAS=	-9.2	FOM=	0.93	TEST=	0
INDE	19	49	30	FOBS=	145.7	SIGMA=	1.6	PHAS=	-65.5	FOM=	0.95	TEST=	0
INDE	19	49	32	FOBS=	52.0	SIGMA=	3.9	PHAS=	78.1	FOM=	0.48	TEST=	0
INDE	19	49	34	FOBS=	102.9	SIGMA=	1.9	PHAS=	59.7	FOM=	0.93	TEST=	0
INDE	19	49	36	FOBS=	65.4	SIGMA=	2.9	PHAS=	175.2	FOM=	0.82	TEST=	0
INDE	19	49	38	FOBS=	92.3	SIGMA=	2.1	PHAS=	40.0	FOM=	0.73	TEST=	0
INDE	19	49	40	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	49	42	FOBS=	103.0	SIGMA=	2.1	PHAS=	127.8	FOM=	0.92	TEST=	0
INDE	19	49	44	FOBS=	29.3	SIGMA=	7.1	PHAS=	-110.9	FOM=	0.34	TEST=	0
INDE	19	49	46	FOBS=	112.6	SIGMA=	2.0	PHAS=	-73.6	FOM=	0.95	TEST=	0
INDE	19	49	48	FOBS=	116.5	SIGMA=	1.9	PHAS=	-102.3	FOM=	0.93	TEST=	0
INDE	19	49	50	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	49	52	FOBS=	64.8	SIGMA=	3.6	PHAS=	46.5	FOM=	0.83	TEST=	0
INDE	19	49	54	FOBS=	55.4	SIGMA=	4.2	PHAS=	-172.4	FOM=	0.78	TEST=	0
INDE	19	49	56	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	19	50	19	FOBS=	69.7	SIGMA=	3.0	PHAS=	62.5	FOM=	0.87	TEST=	0
INDE	19	50	21	FOBS=	210.3	SIGMA=	1.2	PHAS=	94.4	FOM=	0.95	TEST=	0
INDE	19	50	23	FOBS=	52.8	SIGMA=	4.1	PHAS=	-74.9	FOM=	0.38	TEST=	0
INDE	19	50	25	FOBS=	257.0	SIGMA=	1.3	PHAS=	-110.7	FOM=	0.97	TEST=	0
INDE	19	50	27	FOBS=	10.4	SIGMA=	20.7	PHAS=	130.5	FOM=	0.10	TEST=	0
INDE	19	50	29	FOBS=	77.5	SIGMA=	2.9	PHAS=	-151.5	FOM=	0.56	TEST=	0
INDE	19	50	31	FOBS=	78.9	SIGMA=	2.8	PHAS=	-158.7	FOM=	0.93	TEST=	0
INDE	19	50	33	FOBS=	145.0	SIGMA=	1.4	PHAS=	-24.8	FOM=	0.97	TEST=	0
INDE	19	50	35	FOBS=	40.3	SIGMA=	5.5	PHAS=	124.0	FOM=	0.53	TEST=	0
INDE	19	50	37	FOBS=	93.1	SIGMA=	2.1	PHAS=	174.4	FOM=	0.86	TEST=	0
INDE	19	50	39	FOBS=	40.7	SIGMA=	5.0	PHAS=	-18.0	FOM=	0.11	TEST=	0
INDE	19	50	41	FOBS=	23.4	SIGMA=	10.7	PHAS=	-48.6	FOM=	0.51	TEST=	0
INDE	19	50	43	FOBS=	19.8	SIGMA=	12.5	PHAS=	-22.6	FOM=	0.12	TEST=	0
INDE	19	50	45	FOBS=	140.1	SIGMA=	1.6	PHAS=	-164.4	FOM=	0.95	TEST=	0
INDE	19	50	47	FOBS=	136.4	SIGMA=	1.7	PHAS=	151.2	FOM=	0.97	TEST=	0
INDE	19	50	49	FOBS=	62.8	SIGMA=	3.2	PHAS=	149.0	FOM=	0.73	TEST=	0
INDE	19	50	51	FOBS=	36.0	SIGMA=	7.5	PHAS=	-106.8	FOM=	0.60	TEST=	0
INDE	19	50	53	FOBS=	84.8	SIGMA=	2.8	PHAS=	70.5	FOM=	0.87	TEST=	0
INDE	19	50	55	FOBS=	0.0	SIGMA=	25.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	51	20	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	51	22	FOBS=	182.1	SIGMA=	1.3	PHAS=	-7.2	FOM=	0.97	TEST=	0
INDE	19	51	24	FOBS=	81.2	SIGMA=	2.6	PHAS=	8.9	FOM=	0.32	TEST=	0
INDE	19	51	26	FOBS=	113.5	SIGMA=	2.0	PHAS=	-143.9	FOM=	0.93	TEST=	0
INDE	19	51	28	FOBS=	42.3	SIGMA=	5.5	PHAS=	-133.4	FOM=	0.41	TEST=	0
INDE	19	51	30	FOBS=	6.1	SIGMA=	35.5	PHAS=	67.5	FOM=	0.04	TEST=	0
INDE	19	51	32	FOBS=	69.7	SIGMA=	3.1	PHAS=	125.4	FOM=	0.60	TEST=	0
INDE	19	51	34	FOBS=	127.5	SIGMA=	1.6	PHAS=	163.5	FOM=	0.91	TEST=	0
INDE	19	51	36	FOBS=	67.3	SIGMA=	2.8	PHAS=	104.7	FOM=	0.70	TEST=	0
INDE	19	51	38	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	51	40	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	51	42	FOBS=	27.7	SIGMA=	7.5	PHAS=	77.7	FOM=	0.51	TEST=	0
INDE	19	51	44	FOBS=	57.1	SIGMA=	3.8	PHAS=	29.2	FOM=	0.35	TEST=	0
INDE	19	51	46	FOBS=	59.8	SIGMA=	3.6	PHAS=	19.7	FOM=	0.88	TEST=	0
INDE	19	51	48	FOBS=	77.6	SIGMA=	2.8	PHAS=	87.0	FOM=	0.92	TEST=	0
INDE	19	51	50	FOBS=	52.3	SIGMA=	3.9	PHAS=	73.2	FOM=	0.81	TEST=	0
INDE	19	51	52	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	51	54	FOBS=	0.0	SIGMA=	26.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	52	19	FOBS=	52.2	SIGMA=	4.2	PHAS=	-168.3	FOM=	0.86	TEST=	0
INDE	19	52	21	FOBS=	176.4	SIGMA=	1.4	PHAS=	148.1	FOM=	0.97	TEST=	0
INDE	19	52	23	FOBS=	33.5	SIGMA=	6.7	PHAS=	-122.2	FOM=	0.33	TEST=	0

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FIG. 12A - 435

INDE	19	52	25	FOBS=	79.5	SIGMA=	2.7	PHAS=	103.8	FOM=	0.65	TEST=	0
INDE	19	52	27	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	52	29	FOBS=	58.6	SIGMA=	3.7	PHAS=	-59.9	FOM=	0.91	TEST=	0
INDE	19	52	31	FOBS=	51.9	SIGMA=	4.2	PHAS=	10.3	FOM=	0.73	TEST=	0
INDE	19	52	33	FOBS=	104.1	SIGMA=	2.1	PHAS=	30.7	FOM=	0.92	TEST=	0
INDE	19	52	35	FOBS=	96.2	SIGMA=	2.0	PHAS=	110.4	FOM=	0.19	TEST=	1
INDE	19	52	37	FOBS=	21.9	SIGMA=	9.7	PHAS=	-36.3	FOM=	0.41	TEST=	0
INDE	19	52	39	FOBS=	36.7	SIGMA=	6.1	PHAS=	-32.8	FOM=	0.46	TEST=	0
INDE	19	52	41	FOBS=	42.1	SIGMA=	4.4	PHAS=	-108.8	FOM=	0.74	TEST=	0
INDE	19	52	43	FOBS=	35.8	SIGMA=	7.2	PHAS=	-70.8	FOM=	0.33	TEST=	0
INDE	19	52	45	FOBS=	121.7	SIGMA=	1.8	PHAS=	-113.6	FOM=	0.93	TEST=	0
INDE	19	52	47	FOBS=	21.6	SIGMA=	10.7	PHAS=	-15.9	FOM=	0.44	TEST=	0
INDE	19	52	49	FOBS=	41.3	SIGMA=	6.4	PHAS=	-61.2	FOM=	0.75	TEST=	0
INDE	19	52	51	FOBS=	55.8	SIGMA=	4.0	PHAS=	58.2	FOM=	0.69	TEST=	0
INDE	19	52	53	FOBS=	53.8	SIGMA=	8.4	PHAS=	111.4	FOM=	0.38	TEST=	0
INDE	19	53	20	FOBS=	110.4	SIGMA=	2.0	PHAS=	28.9	FOM=	0.94	TEST=	1
INDE	19	53	22	FOBS=	50.7	SIGMA=	4.1	PHAS=	75.6	FOM=	0.73	TEST=	0
INDE	19	53	24	FOBS=	71.2	SIGMA=	3.0	PHAS=	-17.8	FOM=	0.76	TEST=	0
INDE	19	53	26	FOBS=	21.4	SIGMA=	10.7	PHAS=	148.9	FOM=	0.40	TEST=	0
INDE	19	53	28	FOBS=	142.7	SIGMA=	1.6	PHAS=	-117.8	FOM=	0.66	TEST=	1
INDE	19	53	30	FOBS=	130.6	SIGMA=	1.7	PHAS=	-98.0	FOM=	0.95	TEST=	0
INDE	19	53	32	FOBS=	102.8	SIGMA=	2.1	PHAS=	-36.5	FOM=	0.77	TEST=	0
INDE	19	53	34	FOBS=	54.0	SIGMA=	3.7	PHAS=	-171.7	FOM=	0.22	TEST=	0
INDE	19	53	36	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	53	38	FOBS=	104.7	SIGMA=	1.9	PHAS=	-170.8	FOM=	0.89	TEST=	0
INDE	19	53	40	FOBS=	65.2	SIGMA=	3.0	PHAS=	-162.5	FOM=	0.76	TEST=	0
INDE	19	53	42	FOBS=	80.0	SIGMA=	2.3	PHAS=	163.6	FOM=	0.84	TEST=	0
INDE	19	53	44	FOBS=	8.3	SIGMA=	28.2	PHAS=	-134.6	FOM=	0.08	TEST=	0
INDE	19	53	46	FOBS=	67.3	SIGMA=	3.6	PHAS=	178.5	FOM=	0.92	TEST=	0
INDE	19	53	48	FOBS=	85.5	SIGMA=	3.3	PHAS=	-163.3	FOM=	0.91	TEST=	0
INDE	19	53	50	FOBS=	50.1	SIGMA=	5.5	PHAS=	-45.2	FOM=	0.82	TEST=	0
INDE	19	53	52	FOBS=	33.5	SIGMA=	9.3	PHAS=	94.4	FOM=	0.34	TEST=	0
INDE	19	54	19	FOBS=	7.6	SIGMA=	25.2	PHAS=	-101.2	FOM=	0.09	TEST=	0
INDE	19	54	21	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	19	54	23	FOBS=	49.2	SIGMA=	4.2	PHAS=	89.1	FOM=	0.69	TEST=	0
INDE	19	54	25	FOBS=	88.4	SIGMA=	2.4	PHAS=	52.7	FOM=	0.89	TEST=	0
INDE	19	54	27	FOBS=	10.7	SIGMA=	23.6	PHAS=	47.2	FOM=	0.16	TEST=	0
INDE	19	54	29	FOBS=	77.4	SIGMA=	2.8	PHAS=	-131.3	FOM=	0.71	TEST=	0
INDE	19	54	31	FOBS=	106.7	SIGMA=	2.1	PHAS=	-122.4	FOM=	0.62	TEST=	0
INDE	19	54	33	FOBS=	65.7	SIGMA=	3.3	PHAS=	24.7	FOM=	0.46	TEST=	0
INDE	19	54	35	FOBS=	38.1	SIGMA=	5.0	PHAS=	137.5	FOM=	0.59	TEST=	0
INDE	19	54	37	FOBS=	90.0	SIGMA=	2.2	PHAS=	73.9	FOM=	0.48	TEST=	0
INDE	19	54	39	FOBS=	33.3	SIGMA=	6.9	PHAS=	70.6	FOM=	0.28	TEST=	0
INDE	19	54	41	FOBS=	12.3	SIGMA=	17.1	PHAS=	149.4	FOM=	0.45	TEST=	0
INDE	19	54	43	FOBS=	7.7	SIGMA=	27.3	PHAS=	-154.2	FOM=	0.20	TEST=	0
INDE	19	54	45	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	54	47	FOBS=	61.9	SIGMA=	4.4	PHAS=	81.9	FOM=	0.84	TEST=	0
INDE	19	54	49	FOBS=	56.1	SIGMA=	5.0	PHAS=	-149.1	FOM=	0.84	TEST=	0
INDE	19	54	51	FOBS=	33.7	SIGMA=	9.4	PHAS=	-76.5	FOM=	0.10	TEST=	1
INDE	19	55	20	FOBS=	163.8	SIGMA=	1.8	PHAS=	-23.2	FOM=	0.95	TEST=	0
INDE	19	55	22	FOBS=	91.6	SIGMA=	2.5	PHAS=	-58.3	FOM=	0.80	TEST=	0
INDE	19	55	24	FOBS=	171.3	SIGMA=	1.3	PHAS=	-51.3	FOM=	0.96	TEST=	0
INDE	19	55	26	FOBS=	21.1	SIGMA=	9.8	PHAS=	-41.1	FOM=	0.25	TEST=	1
INDE	19	55	28	FOBS=	27.4	SIGMA=	7.7	PHAS=	-131.9	FOM=	0.37	TEST=	0
INDE	19	55	30	FOBS=	98.1	SIGMA=	2.2	PHAS=	-63.7	FOM=	0.90	TEST=	0
INDE	19	55	32	FOBS=	51.4	SIGMA=	4.2	PHAS=	-20.7	FOM=	0.13	TEST=	1
INDE	19	55	34	FOBS=	85.9	SIGMA=	2.6	PHAS=	-148.4	FOM=	0.77	TEST=	0
INDE	19	55	36	FOBS=	60.5	SIGMA=	3.4	PHAS=	34.5	FOM=	0.44	TEST=	0
INDE	19	55	38	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	55	40	FOBS=	49.4	SIGMA=	4.6	PHAS=	-101.6	FOM=	0.78	TEST=	0
INDE	19	55	42	FOBS=	119.6	SIGMA=	1.9	PHAS=	134.3	FOM=	0.95	TEST=	0
INDE	19	55	44	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	55	46	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	19	55	48	FOBS=	69.2	SIGMA=	4.1	PHAS=	97.4	FOM=	0.84	TEST=	0
INDE	19	55	50	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	19	56	19	FOBS=	74.8	SIGMA=	2.6	PHAS=	-147.0	FOM=	0.91	TEST=	0
INDE	19	56	21	FOBS=	134.5	SIGMA=	2.1	PHAS=	-174.9	FOM=	0.95	TEST=	0
INDE	19	56	23	FOBS=	141.6	SIGMA=	1.6	PHAS=	171.2	FOM=	0.96	TEST=	0
INDE	19	56	25	FOBS=	83.6	SIGMA=	2.5	PHAS=	105.9	FOM=	0.72	TEST=	0
INDE	19	56	27	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	19	56	29	FOBS=	124.7	SIGMA=	1.8	PHAS=	-91.6	FOM=	0.89	TEST=	0
INDE	19	56	31	FOBS=	119.0	SIGMA=	2.1	PHAS=	-128.6	FOM=	0.94	TEST=	0
INDE	19	56	33	FOBS=	51.9	SIGMA=	5.2	PHAS=	107.9	FOM=	0.38	TEST=	1
INDE	19	56	35	FOBS=	35.7	SIGMA=	7.5	PHAS=	167.7	FOM=	0.29	TEST=	0
INDE	19	56	37	FOBS=	37.9	SIGMA=	5.8	PHAS=	60.1	FOM=	0.70	TEST=	0
INDE	19	56	39	FOBS=	28.5	SIGMA=	7.9	PHAS=	170.5	FOM=	0.55	TEST=	0
INDE	19	56	41	FOBS=	96.9	SIGMA=	2.4	PHAS=	10.1	FOM=	0.93	TEST=	0
INDE	19	56	43	FOBS=	45.4	SIGMA=	4.6	PHAS=	89.8	FOM=	0.44	TEST=	0
INDE	19	56	45	FOBS=	12.6	SIGMA=	21.3	PHAS=	-133.0	FOM=	0.01	TEST=	1
INDE	19	56	47	FOBS=	86.3	SIGMA=	3.2	PHAS=	-35.5	FOM=	0.91	TEST=	0
INDE	19	56	49	FOBS=	64.5	SIGMA=	5.0	PHAS=	-46.2	FOM=	0.71	TEST=	0
INDE	19	57	20	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	57	22	FOBS=	29.1	SIGMA=	8.4	PHAS=	77.6	FOM=	0.77	TEST=	0
INDE	19	57	24	FOBS=	77.4	SIGMA=	2.7	PHAS=	19.4	FOM=	0.90	TEST=	0
INDE	19	57	26	FOBS=	45.5	SIGMA=	5.0	PHAS=	-14.3	FOM=	0.49	TEST=	0
INDE	19	57	28	FOBS=	62.9	SIGMA=	4.1	PHAS=	68.2	FOM=	0.28	TEST=	0
INDE	19	57	30	FOBS=	78.0	SIGMA=	3.4	PHAS=	124.7	FOM=	0.63	TEST=	0
INDE	19	57	32	FOBS=	57.0	SIGMA=	4.7	PHAS=	117.9	FOM=	0.87	TEST=	0
INDE	19	57	34	FOBS=	40.5	SIGMA=	9.1	PHAS=	81.3	FOM=	0.10	TEST=	1
INDE	19	57	36	FOBS=	60.5	SIGMA=	4.0	PHAS=	38.8	FOM=	0.85	TEST=	0
INDE	19	57	38	FOBS=	41.6	SIGMA=	5.4	PHAS=	56.2	FOM=	0.29	TEST=	0
INDE	19	57	40	FOBS=	79.6	SIGMA=	2.9	PHAS=	-100.2	FOM=	0.88	TEST=	0
INDE	19	57	42	FOBS=	76.8	SIGMA=	3.1	PHAS=	-176.9	FOM=	0.92	TEST=	0
INDE	19	57	44	FOBS=	29.1	SIGMA=	8.2	PHAS=	-31.3	FOM=	0.54	TEST=	0
INDE	19	57	46	FOBS=	54.8	SIGMA=	4.6	PHAS=	-108.4	FOM=	0.84	TEST=	0
INDE	19	57	48	FOBS=	57.4	SIGMA=	5.6	PHAS=	-170.9	FOM=	0.76	TEST=	0
INDE	19	58	19	FOBS=	6.6	SIGMA=	36.2	PHAS=	21.1	FOM=	0.03	TEST=	0
INDE	19	58	21	FOBS=	46.0	SIGMA=	5.5	PHAS=	125.5	FOM=	0.62	TEST=	0
INDE	19	58	23	FOBS=	28.5	SIGMA=	8.6	PHAS=	66.6	FOM=	0.63	TEST=	0
INDE	19	58	25	FOBS=	59.8	SIGMA=	4.1	PHAS=	-66.1	FOM=	0.82	TEST=	0
INDE	19	58	27	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	58	29	FOBS=	48.1	SIGMA=	5.4	PHAS=	69.4	FOM=	0.07	TEST=	0
INDE	19	58	31	FOBS=	43.7	SIGMA=	6.0	PHAS=	146.0	FOM=	0.48	TEST=	0
INDE	19	58	33	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	58	35	FOBS=	45.2	SIGMA=	6.9	PHAS=	-35.4	FOM=	0.59	TEST=	0
INDE	19	58	37	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	58	39	FOBS=	78.4	SIGMA=	3.0	PHAS=	-127.4	FOM=	0.18	TEST=	1
INDE	19	58	41	FOBS=	70.0	SIGMA=	3.3	PHAS=	86.0	FOM=	0.40	TEST=	1
INDE	19	58	43	FOBS=	46.6	SIGMA=	5.6	PHAS=	1.4	FOM=	0.16	TEST=	0
INDE	19	58	45	FOBS=	41.4	SIGMA=	5.8	PHAS=	126.3	FOM=	0.11	TEST=	0
INDE	19	58	47	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	59	20	FOBS=	44.1	SIGMA=	5.3	PHAS=	-5.4	FOM=	0.57	TEST=	0
INDE	19	59	22	FOBS=	93.6	SIGMA=	3.9	PHAS=	-31.5	FOM=	0.91	TEST=	0
INDE	19	59	24	FOBS=	126.5	SIGMA=	2.0	PHAS=	-19.5	FOM=	0.96	TEST=	0
INDE	19	59	26	FOBS=	33.0	SIGMA=	7.5	PHAS=	-174.2	FOM=	0.48	TEST=	0
INDE	19	59	28	FOBS=	62.6	SIGMA=	4.1	PHAS=	72.1	FOM=	0.88	TEST=	0
INDE	19	59	30	FOBS=	19.6	SIGMA=	18.0	PHAS=	94.3	FOM=	0.30	TEST=	0
INDE	19	59	32	FOBS=	40.1	SIGMA=	6.6	PHAS=	37.0	FOM=	0.61	TEST=	0
INDE	19	59	34	FOBS=	29.7	SIGMA=	9.1	PHAS=	101.0	FOM=	0.46	TEST=	0
INDE	19	59	36	FOBS=	57.5	SIGMA=	4.8	PHAS=	104.7	FOM=	0.51	TEST=	0
INDE	19	59	38	FOBS=	65.2	SIGMA=	3.6	PHAS=	125.2	FOM=	0.82	TEST=	0
INDE	19	59	40	FOBS=	38.9	SIGMA=	7.6	PHAS=	-68.4	FOM=	0.65	TEST=	0
INDE	19	59	42	FOBS=	104.6	SIGMA=	2.4	PHAS=	-145.3	FOM=	0.95	TEST=	0
INDE	19	59	44	FOBS=	67.0	SIGMA=	3.7	PHAS=	-125.0	FOM=	0.72	TEST=	0
INDE	19	59	46	FOBS=	14.3	SIGMA=	19.7	PHAS=	-24.7	FOM=	0.06	TEST=	0
INDE	19	60	19	FOBS=	70.5	SIGMA=	3.8	PHAS=	-61.3	FOM=	0.78	TEST=	0
INDE	19	60	21	FOBS=	51.0	SIGMA=	6.9	PHAS=	-13.6	FOM=	0.41	TEST=	0
INDE	19	60	23	FOBS=	57.9	SIGMA=	6.1	PHAS=	-69.7	FOM=	0.62	TEST=	0
INDE	19	60	25	FOBS=	98.0	SIGMA=	2.6	PHAS=	-78.3	FOM=	0.89	TEST=	0
INDE	19	60	27	FOBS=	119.8	SIGMA=	2.2	PHAS=	-2.6	FOM=	0.91	TEST=	0
INDE	19	60	29	FOBS=	80.9	SIGMA=	3.2	PHAS=	-15.3	FOM=	0.76	TEST=	0
INDE	19	60	31	FOBS=	32.2	SIGMA=	8.1	PHAS=	155.6	FOM=	0.41	TEST=	0
INDE	19	60	33	FOBS=	116.6	SIGMA=	2.4	PHAS=	-55.4	FOM=	0.92	TEST=	0
INDE	19	60	35	FOBS=	103.9	SIGMA=	2.7	PHAS=	-41.6	FOM=	0.91	TEST=	0
INDE	19	60	37	FOBS=	85.8	SIGMA=	3.3	PHAS=	46.6	FOM=	0.92	TEST=	0
INDE	19	60	39	FOBS=	75.3	SIGMA=	3.1	PHAS=	-117.0	FOM=	0.26	TEST=	1
INDE	19	60	41	FOBS=	82.1	SIGMA=	2.9	PHAS=	136.2	FOM=	0.94	TEST=	0
INDE	19	60	43	FOBS=	67.2	SIGMA=	4.4	PHAS=	88.7	FOM=	0.90	TEST=	0
INDE	19	60	45	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	61	20	FOBS=	84.4	SIGMA=	3.2	PHAS=	-96.1	FOM=	0.90	TEST=	0

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INDE	19	61	22	FOBS=	59.5	SIGMA=	5.9	PHAS=	-115.4	FOM=	0.76	TEST=	0
INDE	19	61	24	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	61	26	FOBS=	75.8	SIGMA=	3.3	PHAS=	-119.8	FOM=	0.76	TEST=	0
INDE	19	61	28	FOBS=	93.6	SIGMA=	2.8	PHAS=	-114.7	FOM=	0.86	TEST=	0
INDE	19	61	30	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	61	32	FOBS=	47.1	SIGMA=	5.7	PHAS=	-156.4	FOM=	0.09	TEST=	1
INDE	19	61	34	FOBS=	105.5	SIGMA=	2.7	PHAS=	-149.2	FOM=	0.95	TEST=	0
INDE	19	61	36	FOBS=	50.5	SIGMA=	6.2	PHAS=	-105.0	FOM=	0.72	TEST=	0
INDE	19	61	38	FOBS=	71.9	SIGMA=	3.3	PHAS=	-98.0	FOM=	0.83	TEST=	0
INDE	19	61	40	FOBS=	45.3	SIGMA=	5.7	PHAS=	138.2	FOM=	0.85	TEST=	0
INDE	19	61	42	FOBS=	58.2	SIGMA=	5.7	PHAS=	-37.4	FOM=	0.67	TEST=	0
INDE	19	61	44	FOBS=	61.0	SIGMA=	5.0	PHAS=	-108.2	FOM=	0.80	TEST=	0
INDE	19	62	19	FOBS=	26.2	SIGMA=	11.6	PHAS=	-159.8	FOM=	0.57	TEST=	0
INDE	19	62	21	FOBS=	41.2	SIGMA=	6.2	PHAS=	144.9	FOM=	0.65	TEST=	0
INDE	19	62	23	FOBS=	49.0	SIGMA=	7.2	PHAS=	146.2	FOM=	0.47	TEST=	0
INDE	19	62	25	FOBS=	30.3	SIGMA=	9.3	PHAS=	-56.3	FOM=	0.27	TEST=	0
INDE	19	62	27	FOBS=	99.2	SIGMA=	2.6	PHAS=	144.2	FOM=	0.87	TEST=	0
INDE	19	62	29	FOBS=	58.8	SIGMA=	4.4	PHAS=	-142.9	FOM=	0.83	TEST=	0
INDE	19	62	31	FOBS=	39.9	SIGMA=	6.6	PHAS=	57.9	FOM=	0.43	TEST=	0
INDE	19	62	33	FOBS=	101.7	SIGMA=	2.7	PHAS=	-126.6	FOM=	0.04	TEST=	1
INDE	19	62	35	FOBS=	47.4	SIGMA=	5.8	PHAS=	123.4	FOM=	0.49	TEST=	0
INDE	19	62	37	FOBS=	40.5	SIGMA=	8.0	PHAS=	165.8	FOM=	0.12	TEST=	1
INDE	19	62	39	FOBS=	51.4	SIGMA=	4.6	PHAS=	172.3	FOM=	0.79	TEST=	0
INDE	19	62	41	FOBS=	68.7	SIGMA=	6.0	PHAS=	-108.4	FOM=	0.08	TEST=	1
INDE	19	63	20	FOBS=	51.9	SIGMA=	5.1	PHAS=	62.6	FOM=	0.58	TEST=	0
INDE	19	63	22	FOBS=	48.0	SIGMA=	7.3	PHAS=	27.0	FOM=	0.73	TEST=	0
INDE	19	63	24	FOBS=	10.2	SIGMA=	34.5	PHAS=	-59.6	FOM=	0.12	TEST=	0
INDE	19	63	26	FOBS=	74.8	SIGMA=	3.9	PHAS=	60.5	FOM=	0.74	TEST=	0
INDE	19	63	28	FOBS=	138.1	SIGMA=	2.3	PHAS=	115.7	FOM=	0.93	TEST=	0
INDE	19	63	30	FOBS=	0.0	SIGMA=	26.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	63	32	FOBS=	44.9	SIGMA=	6.9	PHAS=	123.4	FOM=	0.42	TEST=	0
INDE	19	63	34	FOBS=	59.6	SIGMA=	5.3	PHAS=	-0.2	FOM=	0.78	TEST=	0
INDE	19	63	36	FOBS=	72.2	SIGMA=	4.6	PHAS=	-147.3	FOM=	0.11	TEST=	1
INDE	19	63	38	FOBS=	50.7	SIGMA=	6.5	PHAS=	-149.2	FOM=	0.46	TEST=	0
INDE	19	63	40	FOBS=	102.3	SIGMA=	3.4	PHAS=	131.7	FOM=	0.92	TEST=	0
INDE	19	64	19	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	64	21	FOBS=	50.3	SIGMA=	5.2	PHAS=	-57.2	FOM=	0.60	TEST=	0
INDE	19	64	23	FOBS=	44.2	SIGMA=	8.0	PHAS=	61.3	FOM=	0.70	TEST=	0
INDE	19	64	25	FOBS=	15.4	SIGMA=	22.8	PHAS=	144.7	FOM=	0.15	TEST=	0
INDE	19	64	27	FOBS=	166.7	SIGMA=	1.9	PHAS=	8.2	FOM=	0.96	TEST=	0
INDE	19	64	29	FOBS=	22.5	SIGMA=	15.9	PHAS=	-5.4	FOM=	0.33	TEST=	0
INDE	19	64	31	FOBS=	58.2	SIGMA=	5.3	PHAS=	-154.4	FOM=	0.86	TEST=	0
INDE	19	64	33	FOBS=	47.5	SIGMA=	8.1	PHAS=	-16.1	FOM=	0.50	TEST=	0
INDE	19	64	35	FOBS=	27.1	SIGMA=	11.9	PHAS=	-39.6	FOM=	0.39	TEST=	0
INDE	19	64	37	FOBS=	52.8	SIGMA=	6.3	PHAS=	165.0	FOM=	0.89	TEST=	0
INDE	19	64	39	FOBS=	13.9	SIGMA=	29.2	PHAS=	66.2	FOM=	0.15	TEST=	0
INDE	19	65	20	FOBS=	6.1	SIGMA=	42.8	PHAS=	-92.3	FOM=	0.09	TEST=	0
INDE	19	65	22	FOBS=	33.6	SIGMA=	7.8	PHAS=	18.4	FOM=	0.49	TEST=	0
INDE	19	65	24	FOBS=	74.6	SIGMA=	4.9	PHAS=	13.3	FOM=	0.56	TEST=	0
INDE	19	65	26	FOBS=	67.0	SIGMA=	4.4	PHAS=	-127.7	FOM=	0.90	TEST=	0
INDE	19	65	28	FOBS=	47.2	SIGMA=	6.3	PHAS=	-121.9	FOM=	0.82	TEST=	0
INDE	19	65	30	FOBS=	104.9	SIGMA=	3.0	PHAS=	117.0	FOM=	0.93	TEST=	0
INDE	19	65	32	FOBS=	54.3	SIGMA=	7.0	PHAS=	121.3	FOM=	0.77	TEST=	0
INDE	19	65	34	FOBS=	33.2	SIGMA=	9.6	PHAS=	-10.2	FOM=	0.77	TEST=	0
INDE	19	65	36	FOBS=	69.4	SIGMA=	4.8	PHAS=	117.1	FOM=	0.87	TEST=	0
INDE	19	65	38	FOBS=	67.2	SIGMA=	6.3	PHAS=	46.1	FOM=	0.54	TEST=	0
INDE	19	66	19	FOBS=	93.1	SIGMA=	3.3	PHAS=	-178.1	FOM=	0.89	TEST=	0
INDE	19	66	21	FOBS=	0.0	SIGMA=	24.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	66	23	FOBS=	61.5	SIGMA=	5.8	PHAS=	-169.3	FOM=	0.71	TEST=	0
INDE	19	66	25	FOBS=	95.5	SIGMA=	3.9	PHAS=	116.9	FOM=	0.89	TEST=	0
INDE	19	66	27	FOBS=	86.9	SIGMA=	3.5	PHAS=	79.9	FOM=	0.65	TEST=	0
INDE	19	66	29	FOBS=	58.8	SIGMA=	5.2	PHAS=	89.1	FOM=	0.20	TEST=	1
INDE	19	66	31	FOBS=	0.0	SIGMA=	27.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	19	66	33	FOBS=	54.0	SIGMA=	5.9	PHAS=	94.8	FOM=	0.11	TEST=	1
INDE	19	66	35	FOBS=	59.9	SIGMA=	5.6	PHAS=	54.5	FOM=	0.78	TEST=	0
INDE	19	67	20	FOBS=	67.7	SIGMA=	4.5	PHAS=	4.6	FOM=	0.69	TEST=	0
INDE	19	67	22	FOBS=	0.0	SIGMA=	24.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	19	67	24	FOBS=	49.7	SIGMA=	10.4	PHAS=	50.4	FOM=	0.82	TEST=	0
INDE	19	67	26	FOBS=	0.0	SIGMA=	26.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	67	28	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	19	67	30	FOBS=	67.6	SIGMA=	4.6	PHAS=	-162.9	FOM=	0.81	TEST=	0
INDE	19	67	32	FOBS=	10.5	SIGMA=	36.2	PHAS=	167.6	FOM=	0.11	TEST=	0
INDE	19	67	34	FOBS=	72.9	SIGMA=	4.6	PHAS=	18.7	FOM=	0.78	TEST=	0
INDE	19	68	19	FOBS=	28.2	SIGMA=	13.3	PHAS=	-145.8	FOM=	0.81	TEST=	0
INDE	19	68	21	FOBS=	7.6	SIGMA=	52.2	PHAS=	-29.0	FOM=	0.16	TEST=	0
INDE	19	68	23	FOBS=	54.7	SIGMA=	7.4	PHAS=	109.0	FOM=	0.70	TEST=	0
INDE	19	68	25	FOBS=	35.8	SIGMA=	15.1	PHAS=	-12.8	FOM=	0.60	TEST=	0
INDE	19	68	27	FOBS=	0.0	SIGMA=	32.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	68	29	FOBS=	61.5	SIGMA=	6.2	PHAS=	123.8	FOM=	0.13	TEST=	1
INDE	19	68	31	FOBS=	63.5	SIGMA=	5.0	PHAS=	123.8	FOM=	0.54	TEST=	0
INDE	19	69	20	FOBS=	45.0	SIGMA=	8.7	PHAS=	-131.8	FOM=	0.50	TEST=	0
INDE	19	69	22	FOBS=	39.5	SIGMA=	10.5	PHAS=	33.9	FOM=	0.30	TEST=	0
INDE	19	69	30	FOBS=	47.1	SIGMA=	8.3	PHAS=	-85.2	FOM=	0.47	TEST=	0
INDE	19	70	19	FOBS=	97.2	SIGMA=	2.3	PHAS=	154.2	FOM=	0.87	TEST=	0
INDE	19	70	21	FOBS=	0.0	SIGMA=	28.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	19	70	23	FOBS=	0.0	SIGMA=	28.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	19	71	20	FOBS=	58.9	SIGMA=	6.6	PHAS=	-153.5	FOM=	0.05	TEST=	1
INDE	19	71	22	FOBS=	37.4	SIGMA=	11.2	PHAS=	-166.4	FOM=	0.54	TEST=	0
INDE	19	71	24	FOBS=	20.7	SIGMA=	20.7	PHAS=	10.4	FOM=	0.44	TEST=	0
INDE	19	72	19	FOBS=	38.0	SIGMA=	9.5	PHAS=	135.8	FOM=	0.59	TEST=	0
INDE	19	72	21	FOBS=	44.0	SIGMA=	9.3	PHAS=	-166.3	FOM=	0.58	TEST=	0
INDE	20	20	20	FOBS=	181.3	SIGMA=	1.4	PHAS=	-72.3	FOM=	0.99	TEST=	1
INDE	20	21	21	FOBS=	130.7	SIGMA=	1.1	PHAS=	-91.5	FOM=	0.98	TEST=	0
INDE	20	21	23	FOBS=	105.8	SIGMA=	1.2	PHAS=	96.7	FOM=	0.98	TEST=	0
INDE	20	21	25	FOBS=	178.8	SIGMA=	0.7	PHAS=	-168.0	FOM=	0.77	TEST=	0
INDE	20	21	27	FOBS=	197.6	SIGMA=	0.8	PHAS=	-154.4	FOM=	0.96	TEST=	0
INDE	20	21	29	FOBS=	296.0	SIGMA=	0.6	PHAS=	120.2	FOM=	0.98	TEST=	0
INDE	20	21	31	FOBS=	264.2	SIGMA=	0.7	PHAS=	47.6	FOM=	0.97	TEST=	0
INDE	20	21	33	FOBS=	422.3	SIGMA=	0.7	PHAS=	-45.7	FOM=	0.92	TEST=	1
INDE	20	21	35	FOBS=	243.7	SIGMA=	0.9	PHAS=	81.2	FOM=	0.97	TEST=	0
INDE	20	21	37	FOBS=	169.1	SIGMA=	1.2	PHAS=	-151.9	FOM=	0.87	TEST=	0
INDE	20	21	39	FOBS=	116.0	SIGMA=	1.7	PHAS=	59.4	FOM=	0.88	TEST=	0
INDE	20	21	41	FOBS=	142.0	SIGMA=	1.3	PHAS=	-50.1	FOM=	0.73	TEST=	1
INDE	20	21	43	FOBS=	143.4	SIGMA=	1.3	PHAS=	-135.8	FOM=	0.71	TEST=	0
INDE	20	21	45	FOBS=	89.5	SIGMA=	1.9	PHAS=	-2.9	FOM=	0.24	TEST=	1
INDE	20	21	47	FOBS=	43.7	SIGMA=	3.8	PHAS=	152.1	FOM=	0.88	TEST=	0
INDE	20	21	49	FOBS=	21.8	SIGMA=	7.3	PHAS=	35.7	FOM=	0.24	TEST=	0
INDE	20	21	51	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	21	53	FOBS=	127.2	SIGMA=	1.6	PHAS=	161.9	FOM=	0.94	TEST=	0
INDE	20	21	55	FOBS=	75.9	SIGMA=	2.6	PHAS=	-175.3	FOM=	0.91	TEST=	0
INDE	20	21	57	FOBS=	134.2	SIGMA=	1.8	PHAS=	-97.0	FOM=	0.95	TEST=	0
INDE	20	21	59	FOBS=	45.0	SIGMA=	6.0	PHAS=	-62.4	FOM=	0.15	TEST=	1
INDE	20	21	61	FOBS=	34.8	SIGMA=	7.7	PHAS=	-73.2	FOM=	0.32	TEST=	0
INDE	20	21	63	FOBS=	82.7	SIGMA=	3.3	PHAS=	171.6	FOM=	0.87	TEST=	0
INDE	20	21	65	FOBS=	86.2	SIGMA=	3.2	PHAS=	-134.0	FOM=	0.83	TEST=	0
INDE	20	21	67	FOBS=	13.4	SIGMA=	29.2	PHAS=	93.3	FOM=	0.24	TEST=	1
INDE	20	21	69	FOBS=	62.3	SIGMA=	6.3	PHAS=	-70.4	FOM=	0.85	TEST=	0
INDE	20	21	71	FOBS=	28.2	SIGMA=	13.8	PHAS=	8.9	FOM=	0.34	TEST=	0
INDE	20	22	20	FOBS=	132.2	SIGMA=	0.9	PHAS=	-99.3	FOM=	0.91	TEST=	0
INDE	20	22	22	FOBS=	140.3	SIGMA=	0.9	PHAS=	111.6	FOM=	0.98	TEST=	0
INDE	20	22	24	FOBS=	261.2	SIGMA=	0.6	PHAS=	153.1	FOM=	0.98	TEST=	0
INDE	20	22	26	FOBS=	360.0	SIGMA=	0.5	PHAS=	55.1	FOM=	0.97	TEST=	0
INDE	20	22	28	FOBS=	307.6	SIGMA=	0.5	PHAS=	73.3	FOM=	0.95	TEST=	0
INDE	20	22	30	FOBS=	178.8	SIGMA=	0.8	PHAS=	-81.4	FOM=	0.87	TEST=	0
INDE	20	22	32	FOBS=	193.1	SIGMA=	0.8	PHAS=	-127.8	FOM=	0.97	TEST=	0
INDE	20	22	34	FOBS=	66.6	SIGMA=	2.3	PHAS=	-60.0	FOM=	0.92	TEST=	0
INDE	20	22	36	FOBS=	75.2	SIGMA=	2.2	PHAS=	158.4	FOM=	0.53	TEST=	0
INDE	20	22	38	FOBS=	136.7	SIGMA=	1.3	PHAS=	110.7	FOM=	0.87	TEST=	0
INDE	20	22	40	FOBS=	39.6	SIGMA=	4.1	PHAS=	86.4	FOM=	0.48	TEST=	0
INDE	20	22	42	FOBS=	122.0	SIGMA=	1.4	PHAS=	-143.0	FOM=	0.91	TEST=	0
INDE	20	22	44	FOBS=	201.7	SIGMA=	0.9	PHAS=	-79.5	FOM=	0.93	TEST=	0
INDE	20	22	46	FOBS=	38.0	SIGMA=	4.4	PHAS=	81.3	FOM=	0.92	TEST=	0
INDE	20	22	48	FOBS=	108.6	SIGMA=	1.6	PHAS=	168.6	FOM=	0.93	TEST=	0
INDE	20	22	50	FOBS=	45.0	SIGMA=	3.7	PHAS=	-129.6	FOM=	0.52	TEST=	0
INDE	20	22	52	FOBS=	39.2	SIGMA=	5.2	PHAS=	69.6	FOM=	0.26	TEST=	0
INDE	20	22	54	FOBS=	49.6	SIGMA=	4.1	PHAS=	29.1	FOM=	0.67	TEST=	0
INDE	20	22	56	FOBS=	50.5	SIGMA=	4.5	PHAS=	87.5	FOM=	0.13	TEST=	0
INDE	20	22	58	FOBS=	131.1	SIGMA=	2.2	PHAS=	-136.8	FOM=	0.95	TEST=	0
INDE	20	22	60	FOBS=	37.2	SIGMA=	9.8	PHAS=	50.0	FOM=	0.06	TEST=	1
INDE	20	22	62	FOBS=	33.7	SIGMA=	8.2	PHAS=	-51.7	FOM=	0.64	TEST=	0

INDE	20	22	64	FOBS=	0.0	SIGMA=	25.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	22	66	FOBS=	103.8	SIGMA=	3.2	PHAS=	21.4	FOM=	0.87	TEST=	0
INDE	20	22	68	FOBS=	45.5	SIGMA=	8.6	PHAS=	-25.8	FOM=	0.61	TEST=	0
INDE	20	22	70	FOBS=	63.4	SIGMA=	5.8	PHAS=	-43.1	FOM=	0.48	TEST=	0
INDE	20	23	21	FOBS=	300.1	SIGMA=	0.6	PHAS=	18.1	FOM=	0.99	TEST=	0
INDE	20	23	23	FOBS=	300.2	SIGMA=	0.6	PHAS=	70.3	FOM=	0.93	TEST=	0
INDE	20	23	25	FOBS=	68.9	SIGMA=	1.6	PHAS=	100.2	FOM=	0.61	TEST=	0
INDE	20	23	27	FOBS=	240.1	SIGMA=	0.6	PHAS=	-11.0	FOM=	0.91	TEST=	1
INDE	20	23	29	FOBS=	107.8	SIGMA=	1.1	PHAS=	151.7	FOM=	0.75	TEST=	0
INDE	20	23	31	FOBS=	306.4	SIGMA=	0.6	PHAS=	161.4	FOM=	0.98	TEST=	0
INDE	20	23	33	FOBS=	138.9	SIGMA=	1.1	PHAS=	2.2	FOM=	0.93	TEST=	0
INDE	20	23	35	FOBS=	154.5	SIGMA=	1.0	PHAS=	55.1	FOM=	0.92	TEST=	0
INDE	20	23	37	FOBS=	165.7	SIGMA=	1.1	PHAS=	-66.2	FOM=	0.83	TEST=	1
INDE	20	23	39	FOBS=	145.6	SIGMA=	1.1	PHAS=	33.6	FOM=	0.86	TEST=	0
INDE	20	23	41	FOBS=	114.3	SIGMA=	1.6	PHAS=	-2.4	FOM=	0.41	TEST=	1
INDE	20	23	43	FOBS=	102.5	SIGMA=	1.6	PHAS=	-138.1	FOM=	0.92	TEST=	0
INDE	20	23	45	FOBS=	114.2	SIGMA=	1.5	PHAS=	-39.2	FOM=	0.74	TEST=	0
INDE	20	23	47	FOBS=	119.7	SIGMA=	1.4	PHAS=	-25.4	FOM=	0.89	TEST=	0
INDE	20	23	49	FOBS=	81.0	SIGMA=	2.0	PHAS=	112.2	FOM=	0.83	TEST=	0
INDE	20	23	51	FOBS=	41.0	SIGMA=	4.4	PHAS=	24.2	FOM=	0.43	TEST=	0
INDE	20	23	53	FOBS=	87.9	SIGMA=	2.2	PHAS=	115.5	FOM=	0.84	TEST=	0
INDE	20	23	55	FOBS=	43.6	SIGMA=	4.6	PHAS=	-66.9	FOM=	0.29	TEST=	1
INDE	20	23	57	FOBS=	57.0	SIGMA=	3.9	PHAS=	-144.3	FOM=	0.69	TEST=	0
INDE	20	23	59	FOBS=	116.4	SIGMA=	2.5	PHAS=	153.5	FOM=	0.92	TEST=	0
INDE	20	23	61	FOBS=	80.7	SIGMA=	3.5	PHAS=	-158.3	FOM=	0.89	TEST=	0
INDE	20	23	63	FOBS=	73.7	SIGMA=	3.8	PHAS=	-100.3	FOM=	0.38	TEST=	0
INDE	20	23	65	FOBS=	40.5	SIGMA=	8.0	PHAS=	-79.5	FOM=	0.43	TEST=	0
INDE	20	23	67	FOBS=	49.7	SIGMA=	8.0	PHAS=	-94.8	FOM=	0.76	TEST=	0
INDE	20	23	69	FOBS=	102.8	SIGMA=	3.7	PHAS=	-123.4	FOM=	0.96	TEST=	0
INDE	20	23	71	FOBS=	49.6	SIGMA=	7.4	PHAS=	100.9	FOM=	0.61	TEST=	0
INDE	20	24	20	FOBS=	251.0	SIGMA=	0.6	PHAS=	-88.2	FOM=	0.97	TEST=	0
INDE	20	24	22	FOBS=	233.3	SIGMA=	0.6	PHAS=	-126.1	FOM=	0.96	TEST=	0
INDE	20	24	24	FOBS=	219.6	SIGMA=	0.7	PHAS=	99.8	FOM=	0.94	TEST=	0
INDE	20	24	26	FOBS=	242.5	SIGMA=	0.6	PHAS=	37.4	FOM=	0.95	TEST=	0
INDE	20	24	28	FOBS=	186.1	SIGMA=	0.7	PHAS=	97.8	FOM=	0.90	TEST=	0
INDE	20	24	30	FOBS=	208.1	SIGMA=	0.7	PHAS=	62.2	FOM=	0.98	TEST=	0
INDE	20	24	32	FOBS=	160.2	SIGMA=	0.9	PHAS=	70.5	FOM=	0.93	TEST=	0
INDE	20	24	34	FOBS=	176.2	SIGMA=	0.9	PHAS=	22.7	FOM=	0.92	TEST=	0
INDE	20	24	36	FOBS=	111.3	SIGMA=	1.5	PHAS=	-7.7	FOM=	0.71	TEST=	1
INDE	20	24	38	FOBS=	115.7	SIGMA=	1.4	PHAS=	147.9	FOM=	0.80	TEST=	0
INDE	20	24	40	FOBS=	47.4	SIGMA=	3.5	PHAS=	-29.7	FOM=	0.70	TEST=	0
INDE	20	24	42	FOBS=	102.5	SIGMA=	1.6	PHAS=	144.1	FOM=	0.75	TEST=	0
INDE	20	24	44	FOBS=	133.9	SIGMA=	1.2	PHAS=	-116.3	FOM=	0.93	TEST=	0
INDE	20	24	46	FOBS=	185.9	SIGMA=	0.9	PHAS=	-130.8	FOM=	0.95	TEST=	0
INDE	20	24	48	FOBS=	66.8	SIGMA=	2.4	PHAS=	-156.5	FOM=	0.71	TEST=	0
INDE	20	24	50	FOBS=	16.6	SIGMA=	12.9	PHAS=	118.3	FOM=	0.13	TEST=	0
INDE	20	24	52	FOBS=	62.2	SIGMA=	2.9	PHAS=	29.9	FOM=	0.80	TEST=	0
INDE	20	24	54	FOBS=	92.8	SIGMA=	2.0	PHAS=	2.0	FOM=	0.90	TEST=	0
INDE	20	24	56	FOBS=	19.0	SIGMA=	12.1	PHAS=	171.0	FOM=	0.47	TEST=	0
INDE	20	24	58	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	24	60	FOBS=	110.2	SIGMA=	2.6	PHAS=	83.5	FOM=	0.93	TEST=	0
INDE	20	24	62	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	24	64	FOBS=	44.4	SIGMA=	7.4	PHAS=	-118.3	FOM=	0.66	TEST=	0
INDE	20	24	66	FOBS=	109.4	SIGMA=	3.6	PHAS=	123.1	FOM=	0.93	TEST=	0
INDE	20	24	68	FOBS=	47.4	SIGMA=	7.9	PHAS=	-133.1	FOM=	0.67	TEST=	0
INDE	20	24	70	FOBS=	45.9	SIGMA=	8.2	PHAS=	138.7	FOM=	0.10	TEST=	1
INDE	20	25	21	FOBS=	296.2	SIGMA=	0.6	PHAS=	74.4	FOM=	0.97	TEST=	0
INDE	20	25	23	FOBS=	106.3	SIGMA=	1.2	PHAS=	48.1	FOM=	0.92	TEST=	0
INDE	20	25	25	FOBS=	313.6	SIGMA=	0.6	PHAS=	-86.4	FOM=	0.99	TEST=	0
INDE	20	25	27	FOBS=	272.1	SIGMA=	0.6	PHAS=	45.6	FOM=	0.93	TEST=	0
INDE	20	25	29	FOBS=	312.5	SIGMA=	0.6	PHAS=	-54.2	FOM=	0.97	TEST=	0
INDE	20	25	31	FOBS=	317.6	SIGMA=	0.6	PHAS=	-63.3	FOM=	0.97	TEST=	0
INDE	20	25	33	FOBS=	191.6	SIGMA=	0.9	PHAS=	4.6	FOM=	0.96	TEST=	0
INDE	20	25	35	FOBS=	89.5	SIGMA=	1.8	PHAS=	-11.6	FOM=	0.59	TEST=	0
INDE	20	25	37	FOBS=	46.1	SIGMA=	3.7	PHAS=	127.0	FOM=	0.85	TEST=	0
INDE	20	25	39	FOBS=	103.5	SIGMA=	1.6	PHAS=	-141.6	FOM=	0.90	TEST=	0
INDE	20	25	41	FOBS=	120.7	SIGMA=	1.4	PHAS=	25.8	FOM=	0.90	TEST=	0
INDE	20	25	43	FOBS=	109.0	SIGMA=	1.5	PHAS=	-168.0	FOM=	0.90	TEST=	0
INDE	20	25	45	FOBS=	72.1	SIGMA=	2.3	PHAS=	128.7	FOM=	0.58	TEST=	0
INDE	20	25	47	FOBS=	80.5	SIGMA=	1.9	PHAS=	14.1	FOM=	0.65	TEST=	1

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INDE	20	25	49	FOBS=	47.0	SIGMA=	3.3	PHAS=	-90.9	FOM=	0.39	TEST=	0
INDE	20	25	51	FOBS=	109.3	SIGMA=	1.7	PHAS=	-3.2	FOM=	0.77	TEST=	0
INDE	20	25	53	FOBS=	30.6	SIGMA=	6.2	PHAS=	-18.3	FOM=	0.29	TEST=	0
INDE	20	25	55	FOBS=	90.4	SIGMA=	2.0	PHAS=	-112.8	FOM=	0.66	TEST=	0
INDE	20	25	57	FOBS=	19.0	SIGMA=	13.2	PHAS=	-80.7	FOM=	0.37	TEST=	0
INDE	20	25	59	FOBS=	45.7	SIGMA=	6.3	PHAS=	-115.3	FOM=	0.18	TEST=	1
INDE	20	25	61	FOBS=	49.6	SIGMA=	5.7	PHAS=	-123.6	FOM=	0.51	TEST=	0
INDE	20	25	63	FOBS=	9.6	SIGMA=	28.7	PHAS=	-133.8	FOM=	0.25	TEST=	0
INDE	20	25	65	FOBS=	64.8	SIGMA=	6.0	PHAS=	33.4	FOM=	0.84	TEST=	0
INDE	20	25	67	FOBS=	0.0	SIGMA=	27.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	25	69	FOBS=	42.5	SIGMA=	9.1	PHAS=	155.9	FOM=	0.78	TEST=	0
INDE	20	26	20	FOBS=	93.8	SIGMA=	1.2	PHAS=	74.5	FOM=	0.93	TEST=	0
INDE	20	26	22	FOBS=	101.8	SIGMA=	1.2	PHAS=	-86.7	FOM=	0.79	TEST=	0
INDE	20	26	24	FOBS=	172.5	SIGMA=	0.9	PHAS=	133.1	FOM=	0.99	TEST=	1
INDE	20	26	26	FOBS=	90.8	SIGMA=	1.4	PHAS=	-157.4	FOM=	0.97	TEST=	0
INDE	20	26	28	FOBS=	194.1	SIGMA=	0.8	PHAS=	-19.4	FOM=	0.98	TEST=	0
INDE	20	26	30	FOBS=	220.0	SIGMA=	0.7	PHAS=	-153.3	FOM=	0.95	TEST=	0
INDE	20	26	32	FOBS=	116.0	SIGMA=	1.3	PHAS=	-177.7	FOM=	0.99	TEST=	0
INDE	20	26	34	FOBS=	154.1	SIGMA=	1.1	PHAS=	80.9	FOM=	0.82	TEST=	0
INDE	20	26	36	FOBS=	100.9	SIGMA=	1.6	PHAS=	-92.9	FOM=	0.87	TEST=	0
INDE	20	26	38	FOBS=	112.8	SIGMA=	1.5	PHAS=	81.2	FOM=	0.93	TEST=	0
INDE	20	26	40	FOBS=	171.1	SIGMA=	1.0	PHAS=	137.1	FOM=	0.94	TEST=	0
INDE	20	26	42	FOBS=	313.5	SIGMA=	0.7	PHAS=	-86.9	FOM=	0.86	TEST=	1
INDE	20	26	44	FOBS=	50.3	SIGMA=	3.2	PHAS=	10.3	FOM=	0.17	TEST=	0
INDE	20	26	46	FOBS=	63.1	SIGMA=	2.6	PHAS=	-98.2	FOM=	0.89	TEST=	0
INDE	20	26	48	FOBS=	32.5	SIGMA=	5.4	PHAS=	7.8	FOM=	0.12	TEST=	0
INDE	20	26	50	FOBS=	112.7	SIGMA=	1.4	PHAS=	168.8	FOM=	0.92	TEST=	0
INDE	20	26	52	FOBS=	100.1	SIGMA=	1.6	PHAS=	-104.8	FOM=	0.81	TEST=	0
INDE	20	26	54	FOBS=	31.0	SIGMA=	6.3	PHAS=	-119.4	FOM=	0.37	TEST=	0
INDE	20	26	56	FOBS=	76.2	SIGMA=	3.1	PHAS=	-65.1	FOM=	0.45	TEST=	0
INDE	20	26	58	FOBS=	27.0	SIGMA=	12.0	PHAS=	110.1	FOM=	0.16	TEST=	0
INDE	20	26	60	FOBS=	14.1	SIGMA=	19.9	PHAS=	-89.9	FOM=	0.01	TEST=	1
INDE	20	26	62	FOBS=	56.4	SIGMA=	5.0	PHAS=	99.8	FOM=	0.76	TEST=	0
INDE	20	26	64	FOBS=	62.7	SIGMA=	5.4	PHAS=	-128.5	FOM=	0.84	TEST=	0
INDE	20	26	66	FOBS=	46.3	SIGMA=	8.5	PHAS=	-134.0	FOM=	0.11	TEST=	1
INDE	20	26	68	FOBS=	42.8	SIGMA=	9.3	PHAS=	62.8	FOM=	0.54	TEST=	0
INDE	20	26	70	FOBS=	40.0	SIGMA=	9.4	PHAS=	52.5	FOM=	0.22	TEST=	0
INDE	20	27	21	FOBS=	297.4	SIGMA=	0.6	PHAS=	29.4	FOM=	0.95	TEST=	0
INDE	20	27	23	FOBS=	202.7	SIGMA=	0.8	PHAS=	-95.8	FOM=	0.96	TEST=	0
INDE	20	27	25	FOBS=	220.1	SIGMA=	0.7	PHAS=	27.0	FOM=	0.93	TEST=	0
INDE	20	27	27	FOBS=	128.7	SIGMA=	1.1	PHAS=	123.6	FOM=	0.98	TEST=	0
INDE	20	27	29	FOBS=	258.9	SIGMA=	0.6	PHAS=	-86.9	FOM=	0.95	TEST=	0
INDE	20	27	31	FOBS=	39.3	SIGMA=	3.7	PHAS=	47.4	FOM=	0.98	TEST=	1
INDE	20	27	33	FOBS=	37.7	SIGMA=	4.3	PHAS=	83.0	FOM=	0.50	TEST=	0
INDE	20	27	35	FOBS=	45.9	SIGMA=	3.5	PHAS=	132.7	FOM=	0.19	TEST=	0
INDE	20	27	37	FOBS=	32.2	SIGMA=	5.0	PHAS=	-35.9	FOM=	0.71	TEST=	0
INDE	20	27	39	FOBS=	50.8	SIGMA=	3.3	PHAS=	63.8	FOM=	0.86	TEST=	0
INDE	20	27	41	FOBS=	141.7	SIGMA=	1.2	PHAS=	116.2	FOM=	0.75	TEST=	0
INDE	20	27	43	FOBS=	145.8	SIGMA=	1.2	PHAS=	-160.0	FOM=	0.95	TEST=	0
INDE	20	27	45	FOBS=	13.2	SIGMA=	13.7	PHAS=	-106.4	FOM=	0.06	TEST=	1
INDE	20	27	47	FOBS=	43.4	SIGMA=	4.3	PHAS=	-76.3	FOM=	0.77	TEST=	0
INDE	20	27	49	FOBS=	47.0	SIGMA=	3.6	PHAS=	57.2	FOM=	0.78	TEST=	0
INDE	20	27	51	FOBS=	90.2	SIGMA=	1.7	PHAS=	91.6	FOM=	0.86	TEST=	0
INDE	20	27	53	FOBS=	84.5	SIGMA=	1.8	PHAS=	73.9	FOM=	0.77	TEST=	0
INDE	20	27	55	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	27	57	FOBS=	62.0	SIGMA=	3.1	PHAS=	-104.3	FOM=	0.69	TEST=	0
INDE	20	27	59	FOBS=	104.9	SIGMA=	2.5	PHAS=	-60.8	FOM=	0.84	TEST=	0
INDE	20	27	61	FOBS=	65.3	SIGMA=	4.3	PHAS=	-18.6	FOM=	0.63	TEST=	0
INDE	20	27	63	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	27	65	FOBS=	6.8	SIGMA=	59.3	PHAS=	-40.7	FOM=	0.06	TEST=	0
INDE	20	27	67	FOBS=	0.0	SIGMA=	27.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	27	69	FOBS=	0.0	SIGMA=	27.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	28	20	FOBS=	128.9	SIGMA=	1.0	PHAS=	-151.3	FOM=	0.99	TEST=	0
INDE	20	28	22	FOBS=	269.7	SIGMA=	0.6	PHAS=	177.3	FOM=	0.93	TEST=	0
INDE	20	28	24	FOBS=	41.5	SIGMA=	3.5	PHAS=	23.3	FOM=	0.95	TEST=	0
INDE	20	28	26	FOBS=	67.8	SIGMA=	2.1	PHAS=	-151.0	FOM=	0.96	TEST=	0
INDE	20	28	28	FOBS=	76.9	SIGMA=	1.8	PHAS=	64.2	FOM=	0.87	TEST=	0
INDE	20	28	30	FOBS=	151.5	SIGMA=	1.0	PHAS=	-111.8	FOM=	0.90	TEST=	0
INDE	20	28	32	FOBS=	175.0	SIGMA=	1.0	PHAS=	95.9	FOM=	0.80	TEST=	0
INDE	20	28	34	FOBS=	85.8	SIGMA=	1.9	PHAS=	78.4	FOM=	0.42	TEST=	1

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INDE	20	28	36	FOBS=	146.1	SIGMA=	1.3	PHAS=	-74.9	FOM=	0.91	TEST=	0
INDE	20	28	38	FOBS=	129.0	SIGMA=	1.3	PHAS=	78.5	FOM=	0.93	TEST=	0
INDE	20	28	40	FOBS=	0.0	SIGMA=	18.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	28	42	FOBS=	235.7	SIGMA=	0.8	PHAS=	-120.2	FOM=	0.95	TEST=	0
INDE	20	28	44	FOBS=	40.1	SIGMA=	4.2	PHAS=	122.4	FOM=	0.29	TEST=	0
INDE	20	28	46	FOBS=	158.5	SIGMA=	1.3	PHAS=	139.6	FOM=	0.97	TEST=	0
INDE	20	28	48	FOBS=	103.0	SIGMA=	1.7	PHAS=	-47.1	FOM=	0.89	TEST=	0
INDE	20	28	50	FOBS=	35.5	SIGMA=	4.8	PHAS=	16.8	FOM=	0.66	TEST=	0
INDE	20	28	52	FOBS=	136.6	SIGMA=	1.2	PHAS=	-93.2	FOM=	0.92	TEST=	0
INDE	20	28	54	FOBS=	18.3	SIGMA=	7.9	PHAS=	-119.5	FOM=	0.50	TEST=	0
INDE	20	28	56	FOBS=	36.4	SIGMA=	5.7	PHAS=	-0.3	FOM=	0.39	TEST=	0
INDE	20	28	58	FOBS=	117.7	SIGMA=	1.7	PHAS=	149.6	FOM=	0.91	TEST=	0
INDE	20	28	60	FOBS=	34.4	SIGMA=	5.5	PHAS=	176.3	FOM=	0.17	TEST=	0
INDE	20	28	62	FOBS=	37.2	SIGMA=	7.5	PHAS=	-76.8	FOM=	0.57	TEST=	0
INDE	20	28	64	FOBS=	94.8	SIGMA=	4.5	PHAS=	168.3	FOM=	0.95	TEST=	0
INDE	20	28	66	FOBS=	68.3	SIGMA=	5.9	PHAS=	-109.1	FOM=	0.90	TEST=	0
INDE	20	28	68	FOBS=	54.2	SIGMA=	7.4	PHAS=	81.2	FOM=	0.75	TEST=	0
INDE	20	29	21	FOBS=	214.8	SIGMA=	0.7	PHAS=	26.4	FOM=	0.93	TEST=	0
INDE	20	29	23	FOBS=	270.9	SIGMA=	0.7	PHAS=	-77.3	FOM=	0.93	TEST=	0
INDE	20	29	25	FOBS=	108.9	SIGMA=	1.4	PHAS=	66.8	FOM=	0.99	TEST=	0
INDE	20	29	27	FOBS=	7.0	SIGMA=	28.1	PHAS=	102.4	FOM=	0.08	TEST=	0
INDE	20	29	29	FOBS=	23.7	SIGMA=	6.2	PHAS=	89.1	FOM=	0.57	TEST=	0
INDE	20	29	31	FOBS=	253.5	SIGMA=	0.7	PHAS=	102.5	FOM=	0.85	TEST=	1
INDE	20	29	33	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	29	35	FOBS=	82.3	SIGMA=	2.2	PHAS=	145.8	FOM=	0.87	TEST=	1
INDE	20	29	37	FOBS=	150.5	SIGMA=	1.2	PHAS=	-39.7	FOM=	0.93	TEST=	0
INDE	20	29	39	FOBS=	149.4	SIGMA=	1.1	PHAS=	41.0	FOM=	0.86	TEST=	0
INDE	20	29	41	FOBS=	304.9	SIGMA=	0.7	PHAS=	179.8	FOM=	0.97	TEST=	0
INDE	20	29	43	FOBS=	137.4	SIGMA=	1.3	PHAS=	56.7	FOM=	0.19	TEST=	1
INDE	20	29	45	FOBS=	197.7	SIGMA=	1.0	PHAS=	33.6	FOM=	0.96	TEST=	0
INDE	20	29	47	FOBS=	56.9	SIGMA=	3.2	PHAS=	-57.5	FOM=	0.51	TEST=	0
INDE	20	29	49	FOBS=	25.3	SIGMA=	7.1	PHAS=	-128.9	FOM=	0.19	TEST=	0
INDE	20	29	51	FOBS=	172.4	SIGMA=	1.0	PHAS=	130.9	FOM=	0.97	TEST=	0
INDE	20	29	53	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	29	55	FOBS=	15.1	SIGMA=	11.3	PHAS=	135.9	FOM=	0.27	TEST=	0
INDE	20	29	57	FOBS=	52.3	SIGMA=	3.7	PHAS=	64.4	FOM=	0.82	TEST=	0
INDE	20	29	59	FOBS=	46.2	SIGMA=	4.1	PHAS=	14.3	FOM=	0.75	TEST=	0
INDE	20	29	61	FOBS=	80.8	SIGMA=	2.4	PHAS=	-69.0	FOM=	0.66	TEST=	0
INDE	20	29	63	FOBS=	70.3	SIGMA=	5.9	PHAS=	121.0	FOM=	0.78	TEST=	0
INDE	20	29	65	FOBS=	60.1	SIGMA=	6.8	PHAS=	96.2	FOM=	0.45	TEST=	1
INDE	20	29	67	FOBS=	43.3	SIGMA=	9.2	PHAS=	-27.3	FOM=	0.36	TEST=	0
INDE	20	29	69	FOBS=	96.1	SIGMA=	4.0	PHAS=	24.2	FOM=	0.94	TEST=	0
INDE	20	30	20	FOBS=	290.7	SIGMA=	0.7	PHAS=	-144.1	FOM=	0.97	TEST=	0
INDE	20	30	22	FOBS=	179.5	SIGMA=	0.9	PHAS=	-143.2	FOM=	0.95	TEST=	0
INDE	20	30	24	FOBS=	55.2	SIGMA=	2.6	PHAS=	20.6	FOM=	0.79	TEST=	0
INDE	20	30	26	FOBS=	147.5	SIGMA=	1.1	PHAS=	-166.2	FOM=	0.97	TEST=	0
INDE	20	30	28	FOBS=	149.7	SIGMA=	1.2	PHAS=	-13.6	FOM=	0.93	TEST=	0
INDE	20	30	30	FOBS=	171.1	SIGMA=	1.0	PHAS=	-6.1	FOM=	0.92	TEST=	0
INDE	20	30	32	FOBS=	193.1	SIGMA=	1.0	PHAS=	107.1	FOM=	0.96	TEST=	0
INDE	20	30	34	FOBS=	91.2	SIGMA=	1.9	PHAS=	-74.2	FOM=	0.50	TEST=	0
INDE	20	30	36	FOBS=	40.1	SIGMA=	4.4	PHAS=	-124.5	FOM=	0.51	TEST=	0
INDE	20	30	38	FOBS=	116.4	SIGMA=	1.5	PHAS=	-126.4	FOM=	0.75	TEST=	0
INDE	20	30	40	FOBS=	152.6	SIGMA=	1.1	PHAS=	103.6	FOM=	0.92	TEST=	1
INDE	20	30	42	FOBS=	245.3	SIGMA=	0.9	PHAS=	162.7	FOM=	0.51	TEST=	1
INDE	20	30	44	FOBS=	137.5	SIGMA=	1.4	PHAS=	0.4	FOM=	0.92	TEST=	0
INDE	20	30	46	FOBS=	46.4	SIGMA=	4.3	PHAS=	18.9	FOM=	0.18	TEST=	0
INDE	20	30	48	FOBS=	103.6	SIGMA=	1.8	PHAS=	-110.7	FOM=	0.30	TEST=	1
INDE	20	30	50	FOBS=	139.1	SIGMA=	1.2	PHAS=	22.5	FOM=	0.93	TEST=	0
INDE	20	30	52	FOBS=	60.0	SIGMA=	2.7	PHAS=	48.1	FOM=	0.87	TEST=	0
INDE	20	30	54	FOBS=	43.3	SIGMA=	4.1	PHAS=	-81.8	FOM=	0.28	TEST=	0
INDE	20	30	56	FOBS=	140.4	SIGMA=	1.5	PHAS=	-35.1	FOM=	0.95	TEST=	0
INDE	20	30	58	FOBS=	59.7	SIGMA=	3.1	PHAS=	-84.1	FOM=	0.60	TEST=	0
INDE	20	30	60	FOBS=	34.6	SIGMA=	5.9	PHAS=	-82.5	FOM=	0.75	TEST=	0
INDE	20	30	62	FOBS=	50.0	SIGMA=	4.5	PHAS=	28.5	FOM=	0.44	TEST=	0
INDE	20	30	64	FOBS=	37.6	SIGMA=	8.6	PHAS=	119.9	FOM=	0.31	TEST=	0
INDE	20	30	66	FOBS=	69.3	SIGMA=	5.8	PHAS=	-68.4	FOM=	0.87	TEST=	0
INDE	20	31	21	FOBS=	146.5	SIGMA=	1.1	PHAS=	145.0	FOM=	0.80	TEST=	0
INDE	20	31	23	FOBS=	68.8	SIGMA=	2.1	PHAS=	-6.3	FOM=	0.96	TEST=	0
INDE	20	31	25	FOBS=	94.5	SIGMA=	1.7	PHAS=	13.6	FOM=	0.84	TEST=	0
INDE	20	31	27	FOBS=	245.9	SIGMA=	0.8	PHAS=	-131.4	FOM=	0.95	TEST=	0

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INDE	20	31	29	FOBS=	92.8	SIGMA=	1.8	PHAS=	152.3	FOM=	0.78	TEST=	0
INDE	20	31	31	FOBS=	373.2	SIGMA=	0.7	PHAS=	44.0	FOM=	0.98	TEST=	0
INDE	20	31	33	FOBS=	27.1	SIGMA=	6.4	PHAS=	154.6	FOM=	0.77	TEST=	0
INDE	20	31	35	FOBS=	0.0	SIGMA=	18.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	31	37	FOBS=	66.2	SIGMA=	2.7	PHAS=	52.5	FOM=	0.11	TEST=	0
INDE	20	31	39	FOBS=	112.1	SIGMA=	1.6	PHAS=	-28.5	FOM=	0.89	TEST=	0
INDE	20	31	41	FOBS=	117.8	SIGMA=	1.8	PHAS=	32.3	FOM=	0.92	TEST=	0
INDE	20	31	43	FOBS=	102.3	SIGMA=	1.8	PHAS=	-25.5	FOM=	0.86	TEST=	0
INDE	20	31	45	FOBS=	0.0	SIGMA=	18.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	31	47	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	20	31	49	FOBS=	137.6	SIGMA=	1.3	PHAS=	-171.6	FOM=	0.88	TEST=	0
INDE	20	31	51	FOBS=	51.4	SIGMA=	3.3	PHAS=	-53.3	FOM=	0.61	TEST=	0
INDE	20	31	53	FOBS=	58.3	SIGMA=	2.7	PHAS=	33.9	FOM=	0.61	TEST=	1
INDE	20	31	55	FOBS=	78.6	SIGMA=	2.5	PHAS=	-165.3	FOM=	0.80	TEST=	0
INDE	20	31	57	FOBS=	66.9	SIGMA=	2.9	PHAS=	-115.1	FOM=	0.24	TEST=	0
INDE	20	31	59	FOBS=	39.2	SIGMA=	5.2	PHAS=	130.2	FOM=	0.49	TEST=	0
INDE	20	31	61	FOBS=	49.2	SIGMA=	4.3	PHAS=	-66.2	FOM=	0.47	TEST=	0
INDE	20	31	63	FOBS=	28.0	SIGMA=	9.8	PHAS=	-174.0	FOM=	0.06	TEST=	0
INDE	20	31	65	FOBS=	75.0	SIGMA=	4.4	PHAS=	104.8	FOM=	0.19	TEST=	1
INDE	20	31	67	FOBS=	0.0	SIGMA=	34.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	32	20	FOBS=	209.2	SIGMA=	0.9	PHAS=	62.4	FOM=	0.92	TEST=	0
INDE	20	32	22	FOBS=	365.3	SIGMA=	0.7	PHAS=	-40.7	FOM=	0.98	TEST=	0
INDE	20	32	24	FOBS=	93.8	SIGMA=	1.7	PHAS=	-138.7	FOM=	0.95	TEST=	0
INDE	20	32	26	FOBS=	117.0	SIGMA=	1.5	PHAS=	179.1	FOM=	0.96	TEST=	0
INDE	20	32	28	FOBS=	284.5	SIGMA=	0.8	PHAS=	80.6	FOM=	0.96	TEST=	0
INDE	20	32	30	FOBS=	126.8	SIGMA=	1.4	PHAS=	-22.9	FOM=	0.94	TEST=	0
INDE	20	32	32	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	32	34	FOBS=	138.4	SIGMA=	1.3	PHAS=	-116.2	FOM=	0.96	TEST=	0
INDE	20	32	36	FOBS=	168.1	SIGMA=	1.0	PHAS=	-75.4	FOM=	0.86	TEST=	0
INDE	20	32	38	FOBS=	175.8	SIGMA=	1.1	PHAS=	-144.1	FOM=	0.92	TEST=	0
INDE	20	32	40	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	32	42	FOBS=	193.3	SIGMA=	1.1	PHAS=	-119.8	FOM=	0.97	TEST=	0
INDE	20	32	44	FOBS=	53.1	SIGMA=	3.7	PHAS=	-176.8	FOM=	0.73	TEST=	0
INDE	20	32	46	FOBS=	27.1	SIGMA=	6.8	PHAS=	-135.7	FOM=	0.05	TEST=	0
INDE	20	32	48	FOBS=	18.8	SIGMA=	9.8	PHAS=	-56.8	FOM=	0.04	TEST=	1
INDE	20	32	50	FOBS=	32.5	SIGMA=	5.1	PHAS=	-46.8	FOM=	0.12	TEST=	0
INDE	20	32	52	FOBS=	50.5	SIGMA=	3.2	PHAS=	-179.9	FOM=	0.81	TEST=	0
INDE	20	32	54	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	32	56	FOBS=	99.0	SIGMA=	2.0	PHAS=	-87.2	FOM=	0.93	TEST=	0
INDE	20	32	58	FOBS=	18.2	SIGMA=	12.8	PHAS=	5.5	FOM=	0.16	TEST=	0
INDE	20	32	60	FOBS=	82.2	SIGMA=	2.4	PHAS=	-7.7	FOM=	0.88	TEST=	0
INDE	20	32	62	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	32	64	FOBS=	38.3	SIGMA=	7.1	PHAS=	129.4	FOM=	0.21	TEST=	0
INDE	20	32	66	FOBS=	74.2	SIGMA=	7.8	PHAS=	101.1	FOM=	0.84	TEST=	0
INDE	20	32	68	FOBS=	96.3	SIGMA=	6.5	PHAS=	-92.4	FOM=	0.90	TEST=	0
INDE	20	33	21	FOBS=	411.1	SIGMA=	0.6	PHAS=	-116.0	FOM=	0.97	TEST=	0
INDE	20	33	23	FOBS=	127.6	SIGMA=	1.3	PHAS=	-102.5	FOM=	0.87	TEST=	1
INDE	20	33	25	FOBS=	57.6	SIGMA=	2.9	PHAS=	91.2	FOM=	0.99	TEST=	0
INDE	20	33	27	FOBS=	197.8	SIGMA=	1.0	PHAS=	-132.2	FOM=	0.90	TEST=	0
INDE	20	33	29	FOBS=	63.7	SIGMA=	2.9	PHAS=	57.0	FOM=	0.85	TEST=	0
INDE	20	33	31	FOBS=	166.1	SIGMA=	1.1	PHAS=	-4.1	FOM=	0.41	TEST=	0
INDE	20	33	33	FOBS=	89.7	SIGMA=	1.9	PHAS=	30.1	FOM=	0.79	TEST=	0
INDE	20	33	35	FOBS=	138.7	SIGMA=	1.2	PHAS=	78.4	FOM=	0.55	TEST=	0
INDE	20	33	37	FOBS=	138.2	SIGMA=	1.2	PHAS=	90.6	FOM=	0.13	TEST=	1
INDE	20	33	39	FOBS=	6.7	SIGMA=	33.7	PHAS=	-58.6	FOM=	0.00	TEST=	1
INDE	20	33	41	FOBS=	132.3	SIGMA=	1.5	PHAS=	144.6	FOM=	0.65	TEST=	0
INDE	20	33	43	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	20	33	45	FOBS=	33.2	SIGMA=	5.9	PHAS=	120.0	FOM=	0.14	TEST=	1
INDE	20	33	47	FOBS=	25.6	SIGMA=	7.1	PHAS=	-160.7	FOM=	0.35	TEST=	0
INDE	20	33	49	FOBS=	180.2	SIGMA=	1.1	PHAS=	-165.2	FOM=	0.98	TEST=	0
INDE	20	33	51	FOBS=	71.7	SIGMA=	2.3	PHAS=	79.8	FOM=	0.67	TEST=	0
INDE	20	33	53	FOBS=	114.6	SIGMA=	1.6	PHAS=	97.9	FOM=	0.90	TEST=	0
INDE	20	33	55	FOBS=	84.8	SIGMA=	2.3	PHAS=	-173.6	FOM=	0.85	TEST=	0
INDE	20	33	57	FOBS=	34.8	SIGMA=	5.6	PHAS=	102.8	FOM=	0.48	TEST=	0
INDE	20	33	59	FOBS=	23.6	SIGMA=	8.2	PHAS=	-50.2	FOM=	0.21	TEST=	0
INDE	20	33	61	FOBS=	97.0	SIGMA=	2.1	PHAS=	-97.2	FOM=	0.54	TEST=	1
INDE	20	33	63	FOBS=	76.3	SIGMA=	3.0	PHAS=	141.5	FOM=	0.91	TEST=	0
INDE	20	33	65	FOBS=	84.7	SIGMA=	4.0	PHAS=	18.4	FOM=	0.82	TEST=	0
INDE	20	33	67	FOBS=	28.7	SIGMA=	14.6	PHAS=	-69.3	FOM=	0.35	TEST=	0
INDE	20	34	20	FOBS=	225.9	SIGMA=	0.9	PHAS=	148.0	FOM=	0.82	TEST=	1

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INDE	20	34	22	FOBS=	131.7	SIGMA=	1.4	PHAS=	109.2	FOM=	0.89	TEST=	0
INDE	20	34	24	FOBS=	145.2	SIGMA=	1.2	PHAS=	-138.1	FOM=	0.91	TEST=	0
INDE	20	34	26	FOBS=	71.7	SIGMA=	2.5	PHAS=	98.2	FOM=	0.71	TEST=	0
INDE	20	34	28	FOBS=	185.6	SIGMA=	1.1	PHAS=	134.2	FOM=	0.93	TEST=	0
INDE	20	34	30	FOBS=	50.2	SIGMA=	3.8	PHAS=	-66.7	FOM=	0.80	TEST=	1
INDE	20	34	32	FOBS=	129.1	SIGMA=	1.3	PHAS=	-125.8	FOM=	0.83	TEST=	1
INDE	20	34	34	FOBS=	209.1	SIGMA=	0.9	PHAS=	-117.8	FOM=	0.95	TEST=	0
INDE	20	34	36	FOBS=	42.0	SIGMA=	4.0	PHAS=	-114.1	FOM=	0.46	TEST=	0
INDE	20	34	38	FOBS=	129.5	SIGMA=	1.5	PHAS=	-80.2	FOM=	0.93	TEST=	0
INDE	20	34	40	FOBS=	58.6	SIGMA=	3.5	PHAS=	94.3	FOM=	0.79	TEST=	0
INDE	20	34	42	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	34	44	FOBS=	165.0	SIGMA=	1.3	PHAS=	142.8	FOM=	0.94	TEST=	0
INDE	20	34	46	FOBS=	56.2	SIGMA=	3.5	PHAS=	127.3	FOM=	0.32	TEST=	1
INDE	20	34	48	FOBS=	165.5	SIGMA=	1.3	PHAS=	120.1	FOM=	0.97	TEST=	0
INDE	20	34	50	FOBS=	121.1	SIGMA=	1.5	PHAS=	98.0	FOM=	0.95	TEST=	0
INDE	20	34	52	FOBS=	79.9	SIGMA=	2.3	PHAS=	24.4	FOM=	0.81	TEST=	0
INDE	20	34	54	FOBS=	20.9	SIGMA=	10.8	PHAS=	-148.8	FOM=	0.11	TEST=	0
INDE	20	34	56	FOBS=	48.1	SIGMA=	4.0	PHAS=	48.2	FOM=	0.58	TEST=	0
INDE	20	34	58	FOBS=	81.4	SIGMA=	2.4	PHAS=	-43.4	FOM=	0.82	TEST=	0
INDE	20	34	60	FOBS=	88.9	SIGMA=	2.2	PHAS=	139.2	FOM=	0.64	TEST=	0
INDE	20	34	62	FOBS=	28.4	SIGMA=	7.3	PHAS=	-74.1	FOM=	0.39	TEST=	0
INDE	20	34	64	FOBS=	67.9	SIGMA=	4.1	PHAS=	8.7	FOM=	0.86	TEST=	0
INDE	20	34	66	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	35	21	FOBS=	135.3	SIGMA=	1.4	PHAS=	-60.3	FOM=	0.85	TEST=	0
INDE	20	35	23	FOBS=	310.9	SIGMA=	0.7	PHAS=	9.7	FOM=	0.97	TEST=	0
INDE	20	35	25	FOBS=	70.7	SIGMA=	2.5	PHAS=	179.0	FOM=	0.96	TEST=	0
INDE	20	35	27	FOBS=	40.5	SIGMA=	4.7	PHAS=	-46.0	FOM=	0.78	TEST=	0
INDE	20	35	29	FOBS=	134.7	SIGMA=	1.4	PHAS=	-139.5	FOM=	0.78	TEST=	0
INDE	20	35	31	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	35	33	FOBS=	159.8	SIGMA=	1.1	PHAS=	98.2	FOM=	0.93	TEST=	0
INDE	20	35	35	FOBS=	177.7	SIGMA=	1.1	PHAS=	111.6	FOM=	0.90	TEST=	0
INDE	20	35	37	FOBS=	184.6	SIGMA=	1.1	PHAS=	162.3	FOM=	0.55	TEST=	1
INDE	20	35	39	FOBS=	4.2	SIGMA=	48.2	PHAS=	2.3	FOM=	0.06	TEST=	0
INDE	20	35	41	FOBS=	77.6	SIGMA=	2.5	PHAS=	-166.1	FOM=	0.85	TEST=	0
INDE	20	35	43	FOBS=	151.9	SIGMA=	1.4	PHAS=	29.9	FOM=	0.94	TEST=	0
INDE	20	35	45	FOBS=	137.8	SIGMA=	1.5	PHAS=	56.3	FOM=	0.96	TEST=	0
INDE	20	35	47	FOBS=	156.0	SIGMA=	1.4	PHAS=	62.5	FOM=	0.96	TEST=	0
INDE	20	35	49	FOBS=	128.5	SIGMA=	1.6	PHAS=	21.0	FOM=	0.82	TEST=	1
INDE	20	35	51	FOBS=	35.7	SIGMA=	5.0	PHAS=	97.1	FOM=	0.69	TEST=	0
INDE	20	35	53	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	35	55	FOBS=	108.8	SIGMA=	1.9	PHAS=	-42.9	FOM=	0.91	TEST=	0
INDE	20	35	57	FOBS=	51.6	SIGMA=	3.8	PHAS=	15.5	FOM=	0.34	TEST=	0
INDE	20	35	59	FOBS=	69.5	SIGMA=	3.0	PHAS=	90.3	FOM=	0.11	TEST=	0
INDE	20	35	61	FOBS=	20.6	SIGMA=	10.7	PHAS=	62.0	FOM=	0.15	TEST=	0
INDE	20	35	63	FOBS=	67.5	SIGMA=	3.4	PHAS=	166.5	FOM=	0.81	TEST=	0
INDE	20	35	65	FOBS=	37.3	SIGMA=	8.8	PHAS=	-171.3	FOM=	0.50	TEST=	0
INDE	20	36	20	FOBS=	56.8	SIGMA=	2.8	PHAS=	-153.5	FOM=	0.83	TEST=	0
INDE	20	36	22	FOBS=	224.1	SIGMA=	0.9	PHAS=	-111.8	FOM=	0.94	TEST=	0
INDE	20	36	24	FOBS=	219.4	SIGMA=	1.0	PHAS=	-117.4	FOM=	0.97	TEST=	0
INDE	20	36	26	FOBS=	137.8	SIGMA=	1.4	PHAS=	75.6	FOM=	0.96	TEST=	0
INDE	20	36	28	FOBS=	133.1	SIGMA=	1.4	PHAS=	166.9	FOM=	0.75	TEST=	0
INDE	20	36	30	FOBS=	125.3	SIGMA=	1.5	PHAS=	146.6	FOM=	0.90	TEST=	0
INDE	20	36	32	FOBS=	61.5	SIGMA=	2.9	PHAS=	34.5	FOM=	0.83	TEST=	0
INDE	20	36	34	FOBS=	185.3	SIGMA=	1.1	PHAS=	-17.3	FOM=	0.94	TEST=	0
INDE	20	36	36	FOBS=	121.8	SIGMA=	1.5	PHAS=	129.8	FOM=	0.84	TEST=	0
INDE	20	36	38	FOBS=	63.6	SIGMA=	2.9	PHAS=	-113.5	FOM=	0.71	TEST=	0
INDE	20	36	40	FOBS=	176.6	SIGMA=	1.2	PHAS=	74.3	FOM=	0.94	TEST=	0
INDE	20	36	42	FOBS=	44.6	SIGMA=	4.3	PHAS=	-165.4	FOM=	0.36	TEST=	0
INDE	20	36	44	FOBS=	155.8	SIGMA=	1.4	PHAS=	-55.6	FOM=	0.93	TEST=	0
INDE	20	36	46	FOBS=	124.0	SIGMA=	1.7	PHAS=	-2.7	FOM=	0.95	TEST=	0
INDE	20	36	48	FOBS=	67.4	SIGMA=	2.9	PHAS=	-95.3	FOM=	0.85	TEST=	0
INDE	20	36	50	FOBS=	56.5	SIGMA=	3.4	PHAS=	-1.1	FOM=	0.86	TEST=	0
INDE	20	36	52	FOBS=	41.5	SIGMA=	4.8	PHAS=	64.7	FOM=	0.83	TEST=	0
INDE	20	36	54	FOBS=	79.5	SIGMA=	2.5	PHAS=	-135.5	FOM=	0.88	TEST=	0
INDE	20	36	56	FOBS=	51.5	SIGMA=	4.1	PHAS=	23.0	FOM=	0.07	TEST=	0
INDE	20	36	58	FOBS=	47.2	SIGMA=	4.2	PHAS=	8.1	FOM=	0.64	TEST=	0
INDE	20	36	60	FOBS=	0.0	SIGMA=	25.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	36	62	FOBS=	42.7	SIGMA=	6.5	PHAS=	108.0	FOM=	0.62	TEST=	0
INDE	20	36	64	FOBS=	74.1	SIGMA=	3.9	PHAS=	124.0	FOM=	0.91	TEST=	0
INDE	20	37	21	FOBS=	35.2	SIGMA=	5.3	PHAS=	-40.2	FOM=	0.68	TEST=	0

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INDE	20	37	23	FOBS=	125.7	SIGMA=	1.6	PHAS=	91.2	FOM=	0.91	TEST=	0
INDE	20	37	25	FOBS=	99.9	SIGMA=	1.9	PHAS=	-65.4	FOM=	0.95	TEST=	0
INDE	20	37	27	FOBS=	155.4	SIGMA=	1.3	PHAS=	137.2	FOM=	0.89	TEST=	0
INDE	20	37	29	FOBS=	167.7	SIGMA=	1.2	PHAS=	117.9	FOM=	0.39	TEST=	1
INDE	20	37	31	FOBS=	175.5	SIGMA=	1.1	PHAS=	-25.2	FOM=	0.97	TEST=	0
INDE	20	37	33	FOBS=	221.2	SIGMA=	0.9	PHAS=	-94.4	FOM=	0.97	TEST=	0
INDE	20	37	35	FOBS=	105.6	SIGMA=	1.7	PHAS=	70.0	FOM=	0.90	TEST=	0
INDE	20	37	37	FOBS=	54.7	SIGMA=	3.4	PHAS=	-175.0	FOM=	0.37	TEST=	0
INDE	20	37	39	FOBS=	203.4	SIGMA=	1.0	PHAS=	-19.2	FOM=	0.96	TEST=	0
INDE	20	37	41	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	37	43	FOBS=	93.2	SIGMA=	2.2	PHAS=	108.7	FOM=	0.88	TEST=	0
INDE	20	37	45	FOBS=	18.5	SIGMA=	10.8	PHAS=	39.9	FOM=	0.16	TEST=	1
INDE	20	37	47	FOBS=	49.8	SIGMA=	5.0	PHAS=	-150.1	FOM=	0.71	TEST=	0
INDE	20	37	49	FOBS=	69.2	SIGMA=	2.8	PHAS=	-75.9	FOM=	0.72	TEST=	0
INDE	20	37	51	FOBS=	40.3	SIGMA=	4.8	PHAS=	-153.9	FOM=	0.77	TEST=	0
INDE	20	37	53	FOBS=	125.7	SIGMA=	1.7	PHAS=	149.6	FOM=	0.45	TEST=	1
INDE	20	37	55	FOBS=	73.3	SIGMA=	2.7	PHAS=	-2.1	FOM=	0.91	TEST=	0
INDE	20	37	57	FOBS=	100.3	SIGMA=	2.0	PHAS=	56.6	FOM=	0.04	TEST=	1
INDE	20	37	59	FOBS=	71.0	SIGMA=	3.2	PHAS=	-4.5	FOM=	0.07	TEST=	1
INDE	20	37	61	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	37	63	FOBS=	125.3	SIGMA=	2.4	PHAS=	22.0	FOM=	0.96	TEST=	0
INDE	20	37	65	FOBS=	108.6	SIGMA=	3.2	PHAS=	34.2	FOM=	0.95	TEST=	0
INDE	20	38	20	FOBS=	118.7	SIGMA=	1.5	PHAS=	-62.7	FOM=	0.76	TEST=	0
INDE	20	38	22	FOBS=	298.5	SIGMA=	0.7	PHAS=	-15.5	FOM=	0.96	TEST=	0
INDE	20	38	24	FOBS=	20.5	SIGMA=	9.3	PHAS=	-152.1	FOM=	0.24	TEST=	0
INDE	20	38	26	FOBS=	181.4	SIGMA=	1.1	PHAS=	73.8	FOM=	0.94	TEST=	0
INDE	20	38	28	FOBS=	243.3	SIGMA=	0.9	PHAS=	84.8	FOM=	0.97	TEST=	0
INDE	20	38	30	FOBS=	107.4	SIGMA=	1.9	PHAS=	-8.7	FOM=	0.90	TEST=	0
INDE	20	38	32	FOBS=	190.8	SIGMA=	1.3	PHAS=	-150.3	FOM=	0.98	TEST=	0
INDE	20	38	34	FOBS=	73.3	SIGMA=	2.5	PHAS=	148.5	FOM=	0.93	TEST=	1
INDE	20	38	36	FOBS=	213.5	SIGMA=	0.9	PHAS=	92.3	FOM=	0.93	TEST=	0
INDE	20	38	38	FOBS=	147.7	SIGMA=	1.3	PHAS=	-112.5	FOM=	0.94	TEST=	0
INDE	20	38	40	FOBS=	96.1	SIGMA=	1.8	PHAS=	-81.3	FOM=	0.70	TEST=	0
INDE	20	38	42	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	38	44	FOBS=	32.9	SIGMA=	6.1	PHAS=	-28.5	FOM=	0.50	TEST=	0
INDE	20	38	46	FOBS=	160.2	SIGMA=	1.4	PHAS=	114.3	FOM=	0.95	TEST=	0
INDE	20	38	48	FOBS=	51.7	SIGMA=	3.8	PHAS=	63.9	FOM=	0.11	TEST=	1
INDE	20	38	50	FOBS=	30.2	SIGMA=	7.4	PHAS=	-155.1	FOM=	0.39	TEST=	0
INDE	20	38	52	FOBS=	85.1	SIGMA=	2.2	PHAS=	39.4	FOM=	0.95	TEST=	0
INDE	20	38	54	FOBS=	55.4	SIGMA=	3.6	PHAS=	-77.2	FOM=	0.68	TEST=	0
INDE	20	38	56	FOBS=	44.1	SIGMA=	5.0	PHAS=	25.8	FOM=	0.50	TEST=	0
INDE	20	38	58	FOBS=	32.2	SIGMA=	6.8	PHAS=	68.3	FOM=	0.52	TEST=	0
INDE	20	38	60	FOBS=	51.8	SIGMA=	4.3	PHAS=	-78.7	FOM=	0.71	TEST=	0
INDE	20	38	62	FOBS=	84.9	SIGMA=	2.7	PHAS=	-58.3	FOM=	0.88	TEST=	0
INDE	20	38	64	FOBS=	110.5	SIGMA=	2.7	PHAS=	-97.5	FOM=	0.97	TEST=	0
INDE	20	39	21	FOBS=	344.8	SIGMA=	0.7	PHAS=	-69.5	FOM=	0.96	TEST=	0
INDE	20	39	23	FOBS=	110.1	SIGMA=	1.7	PHAS=	156.9	FOM=	0.52	TEST=	0
INDE	20	39	25	FOBS=	172.4	SIGMA=	1.2	PHAS=	-53.7	FOM=	0.95	TEST=	0
INDE	20	39	27	FOBS=	0.9	SIGMA=	231.6	PHAS=	-75.2	FOM=	0.01	TEST=	0
INDE	20	39	29	FOBS=	165.4	SIGMA=	1.3	PHAS=	-42.5	FOM=	0.93	TEST=	0
INDE	20	39	31	FOBS=	100.7	SIGMA=	2.0	PHAS=	-82.5	FOM=	0.80	TEST=	0
INDE	20	39	33	FOBS=	27.9	SIGMA=	7.1	PHAS=	-179.4	FOM=	0.79	TEST=	0
INDE	20	39	35	FOBS=	179.1	SIGMA=	1.1	PHAS=	56.1	FOM=	0.97	TEST=	0
INDE	20	39	37	FOBS=	96.1	SIGMA=	1.9	PHAS=	-32.2	FOM=	0.81	TEST=	0
INDE	20	39	39	FOBS=	107.6	SIGMA=	1.7	PHAS=	-63.0	FOM=	0.90	TEST=	0
INDE	20	39	41	FOBS=	84.1	SIGMA=	2.1	PHAS=	-174.7	FOM=	0.88	TEST=	0
INDE	20	39	43	FOBS=	39.4	SIGMA=	4.8	PHAS=	92.7	FOM=	0.82	TEST=	0
INDE	20	39	45	FOBS=	88.8	SIGMA=	2.3	PHAS=	-11.7	FOM=	0.89	TEST=	0
INDE	20	39	47	FOBS=	81.8	SIGMA=	2.5	PHAS=	-14.0	FOM=	0.80	TEST=	0
INDE	20	39	49	FOBS=	44.2	SIGMA=	4.4	PHAS=	164.7	FOM=	0.59	TEST=	0
INDE	20	39	51	FOBS=	59.7	SIGMA=	3.1	PHAS=	-134.6	FOM=	0.73	TEST=	0
INDE	20	39	53	FOBS=	39.9	SIGMA=	5.5	PHAS=	97.0	FOM=	0.08	TEST=	1
INDE	20	39	55	FOBS=	44.5	SIGMA=	4.9	PHAS=	10.9	FOM=	0.58	TEST=	0
INDE	20	39	57	FOBS=	55.3	SIGMA=	4.0	PHAS=	-29.2	FOM=	0.47	TEST=	0
INDE	20	39	59	FOBS=	61.3	SIGMA=	3.6	PHAS=	110.8	FOM=	0.58	TEST=	0
INDE	20	39	61	FOBS=	75.1	SIGMA=	3.0	PHAS=	-137.6	FOM=	0.89	TEST=	0
INDE	20	39	63	FOBS=	66.5	SIGMA=	4.4	PHAS=	166.2	FOM=	0.92	TEST=	0
INDE	20	40	20	FOBS=	259.2	SIGMA=	0.9	PHAS=	151.1	FOM=	0.89	TEST=	0
INDE	20	40	22	FOBS=	123.0	SIGMA=	1.5	PHAS=	100.7	FOM=	0.27	TEST=	0
INDE	20	40	24	FOBS=	169.7	SIGMA=	1.1	PHAS=	-53.5	FOM=	0.89	TEST=	0

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INDE	20	40	26	FOBS=	25.6	SIGMA=	7.6	PHAS=	57.1	FOM=	0.19	TEST=	0
INDE	20	40	28	FOBS=	78.7	SIGMA=	2.6	PHAS=	-139.0	FOM=	0.90	TEST=	0
INDE	20	40	30	FOBS=	26.8	SIGMA=	7.3	PHAS=	96.9	FOM=	0.11	TEST=	0
INDE	20	40	32	FOBS=	15.5	SIGMA=	12.8	PHAS=	-39.6	FOM=	0.19	TEST=	0
INDE	20	40	34	FOBS=	53.0	SIGMA=	3.7	PHAS=	12.7	FOM=	0.31	TEST=	0
INDE	20	40	36	FOBS=	73.4	SIGMA=	2.5	PHAS=	-50.6	FOM=	0.89	TEST=	0
INDE	20	40	38	FOBS=	133.7	SIGMA=	1.4	PHAS=	-167.8	FOM=	0.94	TEST=	0
INDE	20	40	40	FOBS=	47.7	SIGMA=	3.9	PHAS=	175.4	FOM=	0.65	TEST=	0
INDE	20	40	42	FOBS=	40.7	SIGMA=	4.2	PHAS=	-69.0	FOM=	0.22	TEST=	0
INDE	20	40	44	FOBS=	73.2	SIGMA=	2.8	PHAS=	169.1	FOM=	0.68	TEST=	0
INDE	20	40	46	FOBS=	44.1	SIGMA=	5.4	PHAS=	-92.9	FOM=	0.19	TEST=	1
INDE	20	40	48	FOBS=	47.3	SIGMA=	4.1	PHAS=	-168.0	FOM=	0.20	TEST=	0
INDE	20	40	50	FOBS=	54.9	SIGMA=	3.6	PHAS=	-169.2	FOM=	0.30	TEST=	1
INDE	20	40	52	FOBS=	36.4	SIGMA=	6.1	PHAS=	-40.9	FOM=	0.74	TEST=	0
INDE	20	40	54	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	40	56	FOBS=	32.8	SIGMA=	7.2	PHAS=	58.5	FOM=	0.45	TEST=	0
INDE	20	40	58	FOBS=	51.3	SIGMA=	4.3	PHAS=	27.2	FOM=	0.43	TEST=	0
INDE	20	40	60	FOBS=	23.9	SIGMA=	13.4	PHAS=	92.7	FOM=	0.50	TEST=	0
INDE	20	40	62	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	41	21	FOBS=	47.3	SIGMA=	4.0	PHAS=	-38.0	FOM=	0.44	TEST=	0
INDE	20	41	23	FOBS=	155.5	SIGMA=	1.2	PHAS=	77.1	FOM=	0.91	TEST=	0
INDE	20	41	25	FOBS=	252.5	SIGMA=	0.9	PHAS=	-86.1	FOM=	0.96	TEST=	0
INDE	20	41	27	FOBS=	148.0	SIGMA=	1.4	PHAS=	-109.8	FOM=	0.07	TEST=	1
INDE	20	41	29	FOBS=	55.4	SIGMA=	3.8	PHAS=	-39.9	FOM=	0.55	TEST=	0
INDE	20	41	31	FOBS=	106.8	SIGMA=	1.9	PHAS=	-80.5	FOM=	0.88	TEST=	0
INDE	20	41	33	FOBS=	109.7	SIGMA=	1.9	PHAS=	-138.5	FOM=	0.91	TEST=	0
INDE	20	41	35	FOBS=	148.6	SIGMA=	1.3	PHAS=	161.7	FOM=	0.92	TEST=	0
INDE	20	41	37	FOBS=	130.0	SIGMA=	1.4	PHAS=	14.6	FOM=	0.84	TEST=	0
INDE	20	41	39	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	41	41	FOBS=	94.9	SIGMA=	1.9	PHAS=	99.9	FOM=	0.63	TEST=	0
INDE	20	41	43	FOBS=	58.1	SIGMA=	3.0	PHAS=	97.6	FOM=	0.63	TEST=	0
INDE	20	41	45	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	41	47	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	41	49	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	20	41	51	FOBS=	94.7	SIGMA=	2.6	PHAS=	-145.7	FOM=	0.91	TEST=	0
INDE	20	41	53	FOBS=	18.7	SIGMA=	11.8	PHAS=	-46.0	FOM=	0.34	TEST=	0
INDE	20	41	55	FOBS=	48.2	SIGMA=	4.6	PHAS=	-23.1	FOM=	0.67	TEST=	0
INDE	20	41	57	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	41	59	FOBS=	33.8	SIGMA=	6.6	PHAS=	118.5	FOM=	0.29	TEST=	0
INDE	20	41	61	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	42	20	FOBS=	147.2	SIGMA=	1.3	PHAS=	52.8	FOM=	0.89	TEST=	0
INDE	20	42	22	FOBS=	245.2	SIGMA=	0.9	PHAS=	-33.5	FOM=	0.93	TEST=	0
INDE	20	42	24	FOBS=	220.7	SIGMA=	1.0	PHAS=	-95.6	FOM=	0.93	TEST=	0
INDE	20	42	26	FOBS=	71.2	SIGMA=	2.7	PHAS=	161.3	FOM=	0.60	TEST=	1
INDE	20	42	28	FOBS=	159.2	SIGMA=	1.2	PHAS=	-142.0	FOM=	0.95	TEST=	0
INDE	20	42	30	FOBS=	111.7	SIGMA=	1.8	PHAS=	136.5	FOM=	0.89	TEST=	0
INDE	20	42	32	FOBS=	107.5	SIGMA=	1.9	PHAS=	-59.0	FOM=	0.95	TEST=	0
INDE	20	42	34	FOBS=	87.0	SIGMA=	2.5	PHAS=	70.6	FOM=	0.94	TEST=	0
INDE	20	42	36	FOBS=	102.3	SIGMA=	1.8	PHAS=	-147.8	FOM=	0.18	TEST=	0
INDE	20	42	38	FOBS=	53.0	SIGMA=	3.3	PHAS=	172.9	FOM=	0.26	TEST=	0
INDE	20	42	40	FOBS=	67.4	SIGMA=	2.6	PHAS=	1.9	FOM=	0.62	TEST=	0
INDE	20	42	42	FOBS=	80.6	SIGMA=	2.2	PHAS=	-69.2	FOM=	0.84	TEST=	0
INDE	20	42	44	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	42	46	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	42	48	FOBS=	5.2	SIGMA=	46.6	PHAS=	-0.5	FOM=	0.06	TEST=	0
INDE	20	42	50	FOBS=	102.8	SIGMA=	2.4	PHAS=	-66.0	FOM=	0.32	TEST=	0
INDE	20	42	52	FOBS=	74.5	SIGMA=	3.0	PHAS=	-41.3	FOM=	0.76	TEST=	0
INDE	20	42	54	FOBS=	100.5	SIGMA=	2.3	PHAS=	-140.6	FOM=	0.20	TEST=	1
INDE	20	42	56	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	42	58	FOBS=	55.0	SIGMA=	4.1	PHAS=	59.5	FOM=	0.54	TEST=	0
INDE	20	42	60	FOBS=	44.0	SIGMA=	6.4	PHAS=	82.9	FOM=	0.72	TEST=	0
INDE	20	42	62	FOBS=	23.3	SIGMA=	12.4	PHAS=	155.7	FOM=	0.08	TEST=	0
INDE	20	43	21	FOBS=	187.1	SIGMA=	1.1	PHAS=	-112.6	FOM=	0.93	TEST=	0
INDE	20	43	23	FOBS=	193.1	SIGMA=	1.1	PHAS=	164.3	FOM=	0.93	TEST=	0
INDE	20	43	25	FOBS=	188.7	SIGMA=	1.1	PHAS=	-154.6	FOM=	0.96	TEST=	0
INDE	20	43	27	FOBS=	47.8	SIGMA=	3.9	PHAS=	-118.0	FOM=	0.92	TEST=	0
INDE	20	43	29	FOBS=	157.5	SIGMA=	1.2	PHAS=	75.0	FOM=	0.97	TEST=	0
INDE	20	43	31	FOBS=	171.4	SIGMA=	1.2	PHAS=	159.2	FOM=	0.97	TEST=	0
INDE	20	43	33	FOBS=	110.9	SIGMA=	1.8	PHAS=	-92.1	FOM=	0.86	TEST=	0
INDE	20	43	35	FOBS=	119.0	SIGMA=	1.7	PHAS=	131.0	FOM=	0.71	TEST=	0

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INDE	20	43	37	FOBS=	82.3	SIGMA=	2.2	PHAS=	20.4	FOM=	0.90	TEST=	0
INDE	20	43	39	FOBS=	97.0	SIGMA=	1.9	PHAS=	-46.2	FOM=	0.86	TEST=	0
INDE	20	43	41	FOBS=	67.7	SIGMA=	2.6	PHAS=	-82.6	FOM=	0.77	TEST=	1
INDE	20	43	43	FOBS=	83.0	SIGMA=	2.1	PHAS=	162.5	FOM=	0.91	TEST=	0
INDE	20	43	45	FOBS=	91.2	SIGMA=	2.1	PHAS=	-163.5	FOM=	0.89	TEST=	0
INDE	20	43	47	FOBS=	42.1	SIGMA=	5.8	PHAS=	170.4	FOM=	0.71	TEST=	0
INDE	20	43	49	FOBS=	117.4	SIGMA=	2.2	PHAS=	177.0	FOM=	0.93	TEST=	0
INDE	20	43	51	FOBS=	58.6	SIGMA=	4.2	PHAS=	-90.7	FOM=	0.90	TEST=	0
INDE	20	43	53	FOBS=	0.0	SIGMA=	27.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	43	55	FOBS=	52.3	SIGMA=	4.3	PHAS=	122.2	FOM=	0.55	TEST=	0
INDE	20	43	57	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	43	59	FOBS=	28.6	SIGMA=	9.6	PHAS=	119.7	FOM=	0.03	TEST=	1
INDE	20	43	61	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	20	44	20	FOBS=	48.2	SIGMA=	4.2	PHAS=	60.0	FOM=	0.81	TEST=	0
INDE	20	44	22	FOBS=	183.0	SIGMA=	1.2	PHAS=	49.3	FOM=	0.93	TEST=	0
INDE	20	44	24	FOBS=	127.7	SIGMA=	1.6	PHAS=	67.8	FOM=	0.93	TEST=	0
INDE	20	44	26	FOBS=	50.7	SIGMA=	3.7	PHAS=	136.7	FOM=	0.53	TEST=	0
INDE	20	44	28	FOBS=	102.9	SIGMA=	1.9	PHAS=	-109.2	FOM=	0.97	TEST=	0
INDE	20	44	30	FOBS=	79.7	SIGMA=	2.2	PHAS=	50.2	FOM=	0.59	TEST=	0
INDE	20	44	32	FOBS=	162.6	SIGMA=	1.2	PHAS=	12.8	FOM=	0.94	TEST=	0
INDE	20	44	34	FOBS=	130.3	SIGMA=	1.6	PHAS=	30.1	FOM=	0.89	TEST=	0
INDE	20	44	36	FOBS=	34.7	SIGMA=	6.0	PHAS=	159.5	FOM=	0.72	TEST=	0
INDE	20	44	38	FOBS=	86.8	SIGMA=	2.1	PHAS=	-81.3	FOM=	0.82	TEST=	0
INDE	20	44	40	FOBS=	68.8	SIGMA=	2.6	PHAS=	-140.1	FOM=	0.75	TEST=	0
INDE	20	44	42	FOBS=	48.8	SIGMA=	4.1	PHAS=	57.6	FOM=	0.72	TEST=	0
INDE	20	44	44	FOBS=	75.6	SIGMA=	2.6	PHAS=	21.4	FOM=	0.82	TEST=	0
INDE	20	44	46	FOBS=	95.2	SIGMA=	2.5	PHAS=	117.2	FOM=	0.88	TEST=	0
INDE	20	44	48	FOBS=	78.4	SIGMA=	3.2	PHAS=	32.2	FOM=	0.90	TEST=	0
INDE	20	44	50	FOBS=	82.6	SIGMA=	3.0	PHAS=	137.8	FOM=	0.92	TEST=	0
INDE	20	44	52	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	44	54	FOBS=	76.0	SIGMA=	3.0	PHAS=	12.6	FOM=	0.85	TEST=	0
INDE	20	44	56	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	44	58	FOBS=	65.3	SIGMA=	3.5	PHAS=	58.0	FOM=	0.87	TEST=	0
INDE	20	44	60	FOBS=	70.7	SIGMA=	4.1	PHAS=	127.9	FOM=	0.87	TEST=	0
INDE	20	45	21	FOBS=	142.9	SIGMA=	1.4	PHAS=	-153.7	FOM=	0.79	TEST=	0
INDE	20	45	23	FOBS=	86.9	SIGMA=	2.2	PHAS=	-56.6	FOM=	0.74	TEST=	0
INDE	20	45	25	FOBS=	32.5	SIGMA=	6.2	PHAS=	-106.6	FOM=	0.14	TEST=	1
INDE	20	45	27	FOBS=	40.4	SIGMA=	4.7	PHAS=	-50.7	FOM=	0.40	TEST=	0
INDE	20	45	29	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	45	31	FOBS=	86.9	SIGMA=	2.0	PHAS=	161.9	FOM=	0.71	TEST=	1
INDE	20	45	33	FOBS=	103.8	SIGMA=	1.8	PHAS=	-10.4	FOM=	0.87	TEST=	0
INDE	20	45	35	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	45	37	FOBS=	83.6	SIGMA=	2.4	PHAS=	48.4	FOM=	0.89	TEST=	0
INDE	20	45	39	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	45	41	FOBS=	65.9	SIGMA=	3.1	PHAS=	-93.2	FOM=	0.58	TEST=	0
INDE	20	45	43	FOBS=	84.5	SIGMA=	2.4	PHAS=	-133.4	FOM=	0.90	TEST=	0
INDE	20	45	45	FOBS=	63.0	SIGMA=	3.4	PHAS=	-175.7	FOM=	0.70	TEST=	0
INDE	20	45	47	FOBS=	42.5	SIGMA=	5.8	PHAS=	-105.8	FOM=	0.61	TEST=	0
INDE	20	45	49	FOBS=	1.3	SIGMA=	188.5	PHAS=	94.6	FOM=	0.01	TEST=	0
INDE	20	45	51	FOBS=	71.7	SIGMA=	3.5	PHAS=	-50.4	FOM=	0.87	TEST=	0
INDE	20	45	53	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	20	45	55	FOBS=	12.1	SIGMA=	25.4	PHAS=	176.7	FOM=	0.32	TEST=	0
INDE	20	45	57	FOBS=	94.4	SIGMA=	2.5	PHAS=	-29.6	FOM=	0.79	TEST=	0
INDE	20	45	59	FOBS=	100.6	SIGMA=	3.0	PHAS=	-120.5	FOM=	0.91	TEST=	0
INDE	20	46	20	FOBS=	73.3	SIGMA=	2.8	PHAS=	177.8	FOM=	0.69	TEST=	0
INDE	20	46	22	FOBS=	107.3	SIGMA=	1.8	PHAS=	94.6	FOM=	0.62	TEST=	0
INDE	20	46	24	FOBS=	105.6	SIGMA=	1.9	PHAS=	8.9	FOM=	0.67	TEST=	0
INDE	20	46	26	FOBS=	109.7	SIGMA=	1.8	PHAS=	-96.2	FOM=	0.75	TEST=	0
INDE	20	46	28	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	46	30	FOBS=	55.6	SIGMA=	3.4	PHAS=	-105.7	FOM=	0.72	TEST=	0
INDE	20	46	32	FOBS=	72.0	SIGMA=	2.4	PHAS=	-56.6	FOM=	0.69	TEST=	1
INDE	20	46	34	FOBS=	107.4	SIGMA=	1.9	PHAS=	-64.6	FOM=	0.90	TEST=	0
INDE	20	46	36	FOBS=	165.3	SIGMA=	1.5	PHAS=	-50.3	FOM=	0.94	TEST=	0
INDE	20	46	38	FOBS=	84.4	SIGMA=	2.4	PHAS=	-79.9	FOM=	0.90	TEST=	0
INDE	20	46	40	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	46	42	FOBS=	79.3	SIGMA=	2.6	PHAS=	138.5	FOM=	0.90	TEST=	0
INDE	20	46	44	FOBS=	103.0	SIGMA=	2.0	PHAS=	106.6	FOM=	0.74	TEST=	0
INDE	20	46	46	FOBS=	103.2	SIGMA=	2.1	PHAS=	97.4	FOM=	0.90	TEST=	0
INDE	20	46	48	FOBS=	80.6	SIGMA=	3.1	PHAS=	-88.6	FOM=	0.69	TEST=	0
INDE	20	46	50	FOBS=	59.9	SIGMA=	4.2	PHAS=	126.1	FOM=	0.14	TEST=	0

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INDE	20	46	52	FOBS=	91.0	SIGMA=	2.8	PHAS=	141.9	FOM=	0.23	TEST=	1
INDE	20	46	54	FOBS=	107.0	SIGMA=	2.2	PHAS=	85.9	FOM=	0.95	TEST=	0
INDE	20	46	56	FOBS=	67.4	SIGMA=	3.5	PHAS=	-80.2	FOM=	0.16	TEST=	0
INDE	20	46	58	FOBS=	18.8	SIGMA=	15.1	PHAS=	-74.0	FOM=	0.23	TEST=	0
INDE	20	47	21	FOBS=	99.8	SIGMA=	1.9	PHAS=	67.2	FOM=	0.91	TEST=	0
INDE	20	47	23	FOBS=	15.4	SIGMA=	13.0	PHAS=	174.3	FOM=	0.07	TEST=	0
INDE	20	47	25	FOBS=	106.4	SIGMA=	1.8	PHAS=	-130.1	FOM=	0.81	TEST=	0
INDE	20	47	27	FOBS=	172.5	SIGMA=	1.2	PHAS=	-65.7	FOM=	0.97	TEST=	0
INDE	20	47	29	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	47	31	FOBS=	100.7	SIGMA=	1.8	PHAS=	-105.1	FOM=	0.86	TEST=	0
INDE	20	47	33	FOBS=	57.0	SIGMA=	3.4	PHAS=	-141.9	FOM=	0.66	TEST=	0
INDE	20	47	35	FOBS=	74.1	SIGMA=	2.9	PHAS=	-133.9	FOM=	0.90	TEST=	0
INDE	20	47	37	FOBS=	90.6	SIGMA=	2.6	PHAS=	162.8	FOM=	0.93	TEST=	0
INDE	20	47	39	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	47	41	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	47	43	FOBS=	84.7	SIGMA=	2.4	PHAS=	46.3	FOM=	0.88	TEST=	0
INDE	20	47	45	FOBS=	61.8	SIGMA=	3.2	PHAS=	21.5	FOM=	0.79	TEST=	0
INDE	20	47	47	FOBS=	41.4	SIGMA=	5.5	PHAS=	-81.4	FOM=	0.61	TEST=	0
INDE	20	47	49	FOBS=	38.5	SIGMA=	7.2	PHAS=	-111.0	FOM=	0.45	TEST=	0
INDE	20	47	51	FOBS=	45.0	SIGMA=	5.5	PHAS=	-15.6	FOM=	0.49	TEST=	0
INDE	20	47	53	FOBS=	121.7	SIGMA=	2.2	PHAS=	6.6	FOM=	0.97	TEST=	0
INDE	20	47	55	FOBS=	30.2	SIGMA=	7.6	PHAS=	14.4	FOM=	0.65	TEST=	0
INDE	20	47	57	FOBS=	27.8	SIGMA=	10.3	PHAS=	-140.6	FOM=	0.59	TEST=	0
INDE	20	48	20	FOBS=	98.7	SIGMA=	1.9	PHAS=	-5.9	FOM=	0.67	TEST=	0
INDE	20	48	22	FOBS=	66.8	SIGMA=	3.1	PHAS=	-100.6	FOM=	0.87	TEST=	0
INDE	20	48	24	FOBS=	92.4	SIGMA=	2.3	PHAS=	-39.0	FOM=	0.81	TEST=	0
INDE	20	48	26	FOBS=	228.6	SIGMA=	1.1	PHAS=	-161.2	FOM=	0.97	TEST=	0
INDE	20	48	28	FOBS=	4.2	SIGMA=	51.7	PHAS=	175.9	FOM=	0.12	TEST=	0
INDE	20	48	30	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	48	32	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	48	34	FOBS=	32.9	SIGMA=	6.5	PHAS=	-142.4	FOM=	0.37	TEST=	0
INDE	20	48	36	FOBS=	21.8	SIGMA=	10.6	PHAS=	-158.9	FOM=	0.19	TEST=	0
INDE	20	48	38	FOBS=	60.2	SIGMA=	3.9	PHAS=	67.8	FOM=	0.25	TEST=	0
INDE	20	48	40	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	48	42	FOBS=	46.8	SIGMA=	4.5	PHAS=	-26.1	FOM=	0.67	TEST=	0
INDE	20	48	44	FOBS=	49.4	SIGMA=	4.0	PHAS=	-63.3	FOM=	0.73	TEST=	0
INDE	20	48	46	FOBS=	78.8	SIGMA=	2.7	PHAS=	-163.6	FOM=	0.86	TEST=	0
INDE	20	48	48	FOBS=	34.2	SIGMA=	6.2	PHAS=	-170.6	FOM=	0.59	TEST=	0
INDE	20	48	50	FOBS=	78.7	SIGMA=	3.2	PHAS=	-84.2	FOM=	0.82	TEST=	0
INDE	20	48	52	FOBS=	41.7	SIGMA=	6.1	PHAS=	22.5	FOM=	0.82	TEST=	0
INDE	20	48	54	FOBS=	83.5	SIGMA=	2.8	PHAS=	-66.0	FOM=	0.77	TEST=	0
INDE	20	48	56	FOBS=	56.6	SIGMA=	5.1	PHAS=	125.5	FOM=	0.18	TEST=	1
INDE	20	49	21	FOBS=	211.8	SIGMA=	1.2	PHAS=	-105.2	FOM=	0.38	TEST=	1
INDE	20	49	23	FOBS=	86.4	SIGMA=	2.6	PHAS=	166.8	FOM=	0.87	TEST=	0
INDE	20	49	25	FOBS=	131.9	SIGMA=	1.8	PHAS=	129.0	FOM=	0.92	TEST=	0
INDE	20	49	27	FOBS=	55.3	SIGMA=	4.0	PHAS=	-32.7	FOM=	0.83	TEST=	0
INDE	20	49	29	FOBS=	147.1	SIGMA=	1.6	PHAS=	-16.1	FOM=	0.89	TEST=	0
INDE	20	49	31	FOBS=	49.9	SIGMA=	4.4	PHAS=	-178.0	FOM=	0.81	TEST=	0
INDE	20	49	33	FOBS=	30.2	SIGMA=	6.2	PHAS=	-52.0	FOM=	0.16	TEST=	0
INDE	20	49	35	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	49	37	FOBS=	48.5	SIGMA=	4.3	PHAS=	80.9	FOM=	0.72	TEST=	0
INDE	20	49	39	FOBS=	70.4	SIGMA=	3.3	PHAS=	124.9	FOM=	0.53	TEST=	0
INDE	20	49	41	FOBS=	124.8	SIGMA=	1.7	PHAS=	-145.5	FOM=	0.95	TEST=	0
INDE	20	49	43	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	49	45	FOBS=	94.8	SIGMA=	2.2	PHAS=	68.6	FOM=	0.89	TEST=	0
INDE	20	49	47	FOBS=	40.8	SIGMA=	5.7	PHAS=	-173.9	FOM=	0.13	TEST=	1
INDE	20	49	49	FOBS=	85.6	SIGMA=	2.6	PHAS=	95.7	FOM=	0.91	TEST=	0
INDE	20	49	51	FOBS=	14.9	SIGMA=	18.7	PHAS=	-0.5	FOM=	0.11	TEST=	0
INDE	20	49	53	FOBS=	114.2	SIGMA=	2.3	PHAS=	-18.0	FOM=	0.95	TEST=	0
INDE	20	49	55	FOBS=	70.3	SIGMA=	4.1	PHAS=	48.3	FOM=	0.86	TEST=	0
INDE	20	50	20	FOBS=	40.9	SIGMA=	4.7	PHAS=	-147.5	FOM=	0.52	TEST=	0
INDE	20	50	22	FOBS=	61.1	SIGMA=	3.5	PHAS=	-116.3	FOM=	0.58	TEST=	0
INDE	20	50	24	FOBS=	24.8	SIGMA=	8.7	PHAS=	-50.1	FOM=	0.44	TEST=	0
INDE	20	50	26	FOBS=	167.6	SIGMA=	1.4	PHAS=	165.2	FOM=	0.94	TEST=	0
INDE	20	50	28	FOBS=	161.3	SIGMA=	1.5	PHAS=	-81.3	FOM=	0.93	TEST=	0
INDE	20	50	30	FOBS=	51.9	SIGMA=	4.6	PHAS=	-145.5	FOM=	0.77	TEST=	0
INDE	20	50	32	FOBS=	106.4	SIGMA=	2.1	PHAS=	24.4	FOM=	0.95	TEST=	0
INDE	20	50	34	FOBS=	39.5	SIGMA=	4.9	PHAS=	-171.1	FOM=	0.22	TEST=	0
INDE	20	50	36	FOBS=	35.2	SIGMA=	6.4	PHAS=	-166.0	FOM=	0.24	TEST=	0
INDE	20	50	38	FOBS=	25.3	SIGMA=	11.0	PHAS=	48.7	FOM=	0.38	TEST=	0

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INDE	20	50	40	FOBS=	66.5	SIGMA=	3.1	PHAS=	109.7	FOM=	0.82	TEST=	0
INDE	20	50	42	FOBS=	56.6	SIGMA=	3.6	PHAS=	-179.9	FOM=	0.22	TEST=	0
INDE	20	50	44	FOBS=	98.8	SIGMA=	2.1	PHAS=	-121.5	FOM=	0.86	TEST=	0
INDE	20	50	46	FOBS=	119.4	SIGMA=	1.8	PHAS=	-154.7	FOM=	0.96	TEST=	0
INDE	20	50	48	FOBS=	42.8	SIGMA=	5.4	PHAS=	43.1	FOM=	0.78	TEST=	0
INDE	20	50	50	FOBS=	77.1	SIGMA=	2.8	PHAS=	12.9	FOM=	0.46	TEST=	1
INDE	20	50	52	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	50	54	FOBS=	70.1	SIGMA=	4.1	PHAS=	-30.5	FOM=	0.47	TEST=	0
INDE	20	50	56	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	51	21	FOBS=	141.9	SIGMA=	1.7	PHAS=	38.9	FOM=	0.93	TEST=	0
INDE	20	51	23	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	51	25	FOBS=	79.9	SIGMA=	2.7	PHAS=	109.5	FOM=	0.66	TEST=	0
INDE	20	51	27	FOBS=	81.3	SIGMA=	2.7	PHAS=	178.7	FOM=	0.11	TEST=	1
INDE	20	51	29	FOBS=	108.8	SIGMA=	2.1	PHAS=	-109.9	FOM=	0.95	TEST=	0
INDE	20	51	31	FOBS=	44.0	SIGMA=	5.3	PHAS=	1.7	FOM=	0.07	TEST=	1
INDE	20	51	33	FOBS=	176.8	SIGMA=	1.2	PHAS=	-74.9	FOM=	0.96	TEST=	0
INDE	20	51	35	FOBS=	114.2	SIGMA=	1.7	PHAS=	48.4	FOM=	0.89	TEST=	0
INDE	20	51	37	FOBS=	59.4	SIGMA=	3.2	PHAS=	31.1	FOM=	0.47	TEST=	0
INDE	20	51	39	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	51	41	FOBS=	64.7	SIGMA=	3.1	PHAS=	160.6	FOM=	0.88	TEST=	0
INDE	20	51	43	FOBS=	33.9	SIGMA=	6.7	PHAS=	-114.5	FOM=	0.44	TEST=	0
INDE	20	51	45	FOBS=	178.1	SIGMA=	1.4	PHAS=	106.2	FOM=	0.98	TEST=	0
INDE	20	51	47	FOBS=	73.2	SIGMA=	3.0	PHAS=	159.8	FOM=	0.72	TEST=	0
INDE	20	51	49	FOBS=	10.7	SIGMA=	22.4	PHAS=	-67.6	FOM=	0.16	TEST=	0
INDE	20	51	51	FOBS=	48.1	SIGMA=	5.1	PHAS=	-56.8	FOM=	0.75	TEST=	0
INDE	20	51	53	FOBS=	41.6	SIGMA=	7.4	PHAS=	69.1	FOM=	0.64	TEST=	0
INDE	20	51	55	FOBS=	14.9	SIGMA=	23.6	PHAS=	147.3	FOM=	0.14	TEST=	0
INDE	20	52	20	FOBS=	108.1	SIGMA=	1.6	PHAS=	-81.1	FOM=	0.91	TEST=	0
INDE	20	52	22	FOBS=	90.8	SIGMA=	2.4	PHAS=	-26.4	FOM=	0.93	TEST=	0
INDE	20	52	24	FOBS=	75.0	SIGMA=	2.8	PHAS=	-89.4	FOM=	0.87	TEST=	0
INDE	20	52	26	FOBS=	106.0	SIGMA=	2.1	PHAS=	69.8	FOM=	0.85	TEST=	0
INDE	20	52	28	FOBS=	111.3	SIGMA=	2.0	PHAS=	155.9	FOM=	0.90	TEST=	0
INDE	20	52	30	FOBS=	114.2	SIGMA=	2.0	PHAS=	171.1	FOM=	0.94	TEST=	0
INDE	20	52	32	FOBS=	57.0	SIGMA=	3.8	PHAS=	117.0	FOM=	0.62	TEST=	0
INDE	20	52	34	FOBS=	37.8	SIGMA=	6.2	PHAS=	-130.3	FOM=	0.75	TEST=	0
INDE	20	52	36	FOBS=	71.6	SIGMA=	2.7	PHAS=	64.4	FOM=	0.66	TEST=	0
INDE	20	52	38	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	52	40	FOBS=	31.5	SIGMA=	7.2	PHAS=	24.5	FOM=	0.87	TEST=	0
INDE	20	52	42	FOBS=	42.9	SIGMA=	4.7	PHAS=	86.4	FOM=	0.58	TEST=	0
INDE	20	52	44	FOBS=	19.2	SIGMA=	11.2	PHAS=	36.2	FOM=	0.30	TEST=	0
INDE	20	52	46	FOBS=	49.1	SIGMA=	4.6	PHAS=	94.7	FOM=	0.57	TEST=	0
INDE	20	52	48	FOBS=	49.1	SIGMA=	4.9	PHAS=	61.2	FOM=	0.71	TEST=	0
INDE	20	52	50	FOBS=	26.7	SIGMA=	9.9	PHAS=	-174.4	FOM=	0.61	TEST=	0
INDE	20	52	52	FOBS=	44.9	SIGMA=	7.1	PHAS=	12.8	FOM=	0.49	TEST=	0
INDE	20	52	54	FOBS=	42.1	SIGMA=	8.9	PHAS=	34.0	FOM=	0.71	TEST=	0
INDE	20	53	21	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	53	23	FOBS=	46.8	SIGMA=	4.5	PHAS=	-4.7	FOM=	0.53	TEST=	0
INDE	20	53	25	FOBS=	50.9	SIGMA=	4.2	PHAS=	-32.9	FOM=	0.60	TEST=	0
INDE	20	53	27	FOBS=	109.2	SIGMA=	2.0	PHAS=	-1.1	FOM=	0.96	TEST=	0
INDE	20	53	29	FOBS=	83.3	SIGMA=	2.6	PHAS=	44.3	FOM=	0.88	TEST=	0
INDE	20	53	31	FOBS=	85.9	SIGMA=	2.6	PHAS=	108.7	FOM=	0.90	TEST=	0
INDE	20	53	33	FOBS=	86.6	SIGMA=	2.5	PHAS=	-62.3	FOM=	0.80	TEST=	0
INDE	20	53	35	FOBS=	48.3	SIGMA=	3.9	PHAS=	15.8	FOM=	0.80	TEST=	0
INDE	20	53	37	FOBS=	39.9	SIGMA=	4.7	PHAS=	-76.9	FOM=	0.43	TEST=	0
INDE	20	53	39	FOBS=	20.9	SIGMA=	10.0	PHAS=	-50.3	FOM=	0.14	TEST=	0
INDE	20	53	41	FOBS=	22.0	SIGMA=	9.0	PHAS=	137.5	FOM=	0.26	TEST=	0
INDE	20	53	43	FOBS=	32.9	SIGMA=	6.8	PHAS=	90.0	FOM=	0.35	TEST=	1
INDE	20	53	45	FOBS=	35.7	SIGMA=	6.8	PHAS=	-179.5	FOM=	0.54	TEST=	0
INDE	20	53	47	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	20	53	49	FOBS=	63.0	SIGMA=	4.4	PHAS=	60.1	FOM=	0.87	TEST=	0
INDE	20	53	51	FOBS=	0.0	SIGMA=	26.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	53	53	FOBS=	39.0	SIGMA=	8.3	PHAS=	-9.9	FOM=	0.64	TEST=	0
INDE	20	54	20	FOBS=	121.5	SIGMA=	1.7	PHAS=	-109.1	FOM=	0.94	TEST=	0
INDE	20	54	22	FOBS=	21.4	SIGMA=	10.7	PHAS=	174.9	FOM=	0.64	TEST=	0
INDE	20	54	24	FOBS=	115.9	SIGMA=	1.9	PHAS=	-146.6	FOM=	0.94	TEST=	0
INDE	20	54	26	FOBS=	31.9	SIGMA=	6.6	PHAS=	-30.6	FOM=	0.48	TEST=	0
INDE	20	54	28	FOBS=	62.9	SIGMA=	3.4	PHAS=	-70.4	FOM=	0.84	TEST=	0
INDE	20	54	30	FOBS=	73.4	SIGMA=	3.0	PHAS=	130.1	FOM=	0.02	TEST=	1
INDE	20	54	32	FOBS=	45.9	SIGMA=	4.7	PHAS=	46.2	FOM=	0.42	TEST=	0
INDE	20	54	34	FOBS=	43.9	SIGMA=	4.9	PHAS=	-97.0	FOM=	0.78	TEST=	0

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INDE	20	54	36	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	54	38	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	20	54	40	FOBS=	43.0	SIGMA=	4.9	PHAS=	-155.4	FOM=	0.19	TEST=	0
INDE	20	54	42	FOBS=	68.7	SIGMA=	3.3	PHAS=	39.4	FOM=	0.68	TEST=	0
INDE	20	54	44	FOBS=	29.8	SIGMA=	8.3	PHAS=	111.3	FOM=	0.52	TEST=	0
INDE	20	54	46	FOBS=	58.4	SIGMA=	4.3	PHAS=	130.8	FOM=	0.78	TEST=	0
INDE	20	54	48	FOBS=	27.4	SIGMA=	13.1	PHAS=	52.8	FOM=	0.39	TEST=	0
INDE	20	54	50	FOBS=	46.4	SIGMA=	7.9	PHAS=	-123.4	FOM=	0.32	TEST=	1
INDE	20	54	52	FOBS=	66.3	SIGMA=	5.0	PHAS=	-68.7	FOM=	0.52	TEST=	0
INDE	20	55	21	FOBS=	105.9	SIGMA=	2.2	PHAS=	112.8	FOM=	0.89	TEST=	0
INDE	20	55	23	FOBS=	129.1	SIGMA=	1.7	PHAS=	33.9	FOM=	0.94	TEST=	0
INDE	20	55	25	FOBS=	60.4	SIGMA=	3.5	PHAS=	50.6	FOM=	0.83	TEST=	0
INDE	20	55	27	FOBS=	35.9	SIGMA=	5.9	PHAS=	-21.4	FOM=	0.36	TEST=	0
INDE	20	55	29	FOBS=	52.3	SIGMA=	4.1	PHAS=	65.5	FOM=	0.46	TEST=	0
INDE	20	55	31	FOBS=	54.4	SIGMA=	4.0	PHAS=	-176.8	FOM=	0.76	TEST=	0
INDE	20	55	33	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	55	35	FOBS=	80.2	SIGMA=	2.6	PHAS=	80.1	FOM=	0.88	TEST=	0
INDE	20	55	37	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	55	39	FOBS=	20.5	SIGMA=	11.9	PHAS=	-78.2	FOM=	0.33	TEST=	0
INDE	20	55	41	FOBS=	46.5	SIGMA=	5.0	PHAS=	-108.2	FOM=	0.60	TEST=	0
INDE	20	55	43	FOBS=	56.4	SIGMA=	4.0	PHAS=	36.5	FOM=	0.85	TEST=	0
INDE	20	55	45	FOBS=	48.7	SIGMA=	5.6	PHAS=	26.6	FOM=	0.79	TEST=	0
INDE	20	55	47	FOBS=	56.9	SIGMA=	4.5	PHAS=	-14.4	FOM=	0.80	TEST=	0
INDE	20	55	49	FOBS=	47.1	SIGMA=	6.9	PHAS=	84.7	FOM=	0.70	TEST=	0
INDE	20	55	51	FOBS=	60.0	SIGMA=	5.5	PHAS=	-133.7	FOM=	0.78	TEST=	0
INDE	20	56	20	FOBS=	94.0	SIGMA=	2.1	PHAS=	-39.4	FOM=	0.77	TEST=	0
INDE	20	56	22	FOBS=	54.0	SIGMA=	4.1	PHAS=	-80.9	FOM=	0.75	TEST=	0
INDE	20	56	24	FOBS=	42.7	SIGMA=	4.9	PHAS=	87.8	FOM=	0.15	TEST=	0
INDE	20	56	26	FOBS=	52.1	SIGMA=	4.1	PHAS=	-37.3	FOM=	0.58	TEST=	0
INDE	20	56	28	FOBS=	36.6	SIGMA=	5.7	PHAS=	-74.2	FOM=	0.50	TEST=	0
INDE	20	56	30	FOBS=	84.4	SIGMA=	2.9	PHAS=	-79.6	FOM=	0.78	TEST=	0
INDE	20	56	32	FOBS=	61.9	SIGMA=	4.9	PHAS=	175.3	FOM=	0.79	TEST=	0
INDE	20	56	34	FOBS=	33.3	SIGMA=	8.0	PHAS=	-19.5	FOM=	0.75	TEST=	0
INDE	20	56	36	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	56	38	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	20	56	40	FOBS=	98.4	SIGMA=	2.4	PHAS=	138.5	FOM=	0.92	TEST=	0
INDE	20	56	42	FOBS=	33.4	SIGMA=	7.0	PHAS=	112.1	FOM=	0.48	TEST=	0
INDE	20	56	44	FOBS=	27.4	SIGMA=	9.1	PHAS=	10.5	FOM=	0.30	TEST=	0
INDE	20	56	46	FOBS=	66.1	SIGMA=	3.9	PHAS=	-47.1	FOM=	0.55	TEST=	0
INDE	20	56	48	FOBS=	38.7	SIGMA=	9.8	PHAS=	-59.1	FOM=	0.70	TEST=	0
INDE	20	56	50	FOBS=	46.6	SIGMA=	9.8	PHAS=	147.1	FOM=	0.56	TEST=	0
INDE	20	57	21	FOBS=	66.5	SIGMA=	3.3	PHAS=	108.1	FOM=	0.85	TEST=	0
INDE	20	57	23	FOBS=	39.7	SIGMA=	5.2	PHAS=	6.5	FOM=	0.41	TEST=	0
INDE	20	57	25	FOBS=	52.7	SIGMA=	4.3	PHAS=	27.4	FOM=	0.48	TEST=	0
INDE	20	57	27	FOBS=	80.4	SIGMA=	3.2	PHAS=	84.3	FOM=	0.64	TEST=	0
INDE	20	57	29	FOBS=	18.8	SIGMA=	16.0	PHAS=	-140.0	FOM=	0.13	TEST=	0
INDE	20	57	31	FOBS=	117.6	SIGMA=	2.4	PHAS=	179.8	FOM=	0.93	TEST=	0
INDE	20	57	33	FOBS=	20.7	SIGMA=	12.9	PHAS=	142.1	FOM=	0.38	TEST=	0
INDE	20	57	35	FOBS=	12.5	SIGMA=	21.5	PHAS=	143.4	FOM=	0.06	TEST=	0
INDE	20	57	37	FOBS=	75.6	SIGMA=	3.0	PHAS=	-69.1	FOM=	0.86	TEST=	0
INDE	20	57	39	FOBS=	52.3	SIGMA=	4.4	PHAS=	63.4	FOM=	0.68	TEST=	0
INDE	20	57	41	FOBS=	1.8	SIGMA=	135.3	PHAS=	-28.6	FOM=	0.03	TEST=	0
INDE	20	57	43	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	57	45	FOBS=	94.5	SIGMA=	2.8	PHAS=	-28.2	FOM=	0.88	TEST=	0
INDE	20	57	47	FOBS=	66.6	SIGMA=	4.9	PHAS=	-148.0	FOM=	0.85	TEST=	0
INDE	20	58	20	FOBS=	82.5	SIGMA=	3.0	PHAS=	-65.0	FOM=	0.85	TEST=	0
INDE	20	58	22	FOBS=	85.1	SIGMA=	4.3	PHAS=	-105.6	FOM=	0.72	TEST=	0
INDE	20	58	24	FOBS=	59.5	SIGMA=	4.2	PHAS=	-114.6	FOM=	0.31	TEST=	1
INDE	20	58	26	FOBS=	125.9	SIGMA=	2.1	PHAS=	-85.0	FOM=	0.91	TEST=	0
INDE	20	58	28	FOBS=	70.6	SIGMA=	3.7	PHAS=	-72.9	FOM=	0.81	TEST=	0
INDE	20	58	30	FOBS=	22.0	SIGMA=	13.6	PHAS=	39.1	FOM=	0.09	TEST=	1
INDE	20	58	32	FOBS=	85.0	SIGMA=	3.2	PHAS=	46.5	FOM=	0.86	TEST=	0
INDE	20	58	34	FOBS=	57.7	SIGMA=	4.8	PHAS=	9.3	FOM=	0.80	TEST=	0
INDE	20	58	36	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	58	38	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	58	40	FOBS=	93.7	SIGMA=	2.5	PHAS=	154.4	FOM=	0.85	TEST=	0
INDE	20	58	42	FOBS=	83.1	SIGMA=	2.9	PHAS=	-63.3	FOM=	0.22	TEST=	1
INDE	20	58	44	FOBS=	47.9	SIGMA=	4.5	PHAS=	-87.7	FOM=	0.68	TEST=	0
INDE	20	58	46	FOBS=	24.5	SIGMA=	13.1	PHAS=	96.1	FOM=	0.37	TEST=	0
INDE	20	59	21	FOBS=	90.0	SIGMA=	3.0	PHAS=	154.0	FOM=	0.83	TEST=	0

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INDE	20	59	23	FOBS=	0.0	SIGMA=	26.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	59	25	FOBS=	56.9	SIGMA=	4.4	PHAS=	-170.5	FOM=	0.75	TEST=	0
INDE	20	59	27	FOBS=	106.1	SIGMA=	2.5	PHAS=	165.9	FOM=	0.94	TEST=	0
INDE	20	59	29	FOBS=	45.9	SIGMA=	6.5	PHAS=	-53.9	FOM=	0.10	TEST=	0
INDE	20	59	31	FOBS=	67.2	SIGMA=	4.0	PHAS=	80.9	FOM=	0.77	TEST=	0
INDE	20	59	33	FOBS=	95.5	SIGMA=	2.9	PHAS=	-108.3	FOM=	0.93	TEST=	0
INDE	20	59	35	FOBS=	55.9	SIGMA=	4.9	PHAS=	-118.2	FOM=	0.75	TEST=	0
INDE	20	59	37	FOBS=	22.3	SIGMA=	14.8	PHAS=	-8.8	FOM=	0.43	TEST=	0
INDE	20	59	39	FOBS=	78.3	SIGMA=	3.0	PHAS=	63.6	FOM=	0.91	TEST=	0
INDE	20	59	41	FOBS=	95.0	SIGMA=	2.6	PHAS=	-42.2	FOM=	0.59	TEST=	0
INDE	20	59	43	FOBS=	43.9	SIGMA=	5.5	PHAS=	175.1	FOM=	0.84	TEST=	0
INDE	20	59	45	FOBS=	0.0	SIGMA=	25.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	60	20	FOBS=	63.5	SIGMA=	4.2	PHAS=	91.5	FOM=	0.59	TEST=	0
INDE	20	60	22	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	60	24	FOBS=	65.1	SIGMA=	3.8	PHAS=	-31.7	FOM=	0.56	TEST=	0
INDE	20	60	26	FOBS=	83.4	SIGMA=	3.0	PHAS=	86.1	FOM=	0.88	TEST=	0
INDE	20	60	28	FOBS=	73.3	SIGMA=	3.5	PHAS=	28.6	FOM=	0.30	TEST=	1
INDE	20	60	30	FOBS=	33.1	SIGMA=	7.8	PHAS=	-72.0	FOM=	0.24	TEST=	0
INDE	20	60	32	FOBS=	80.1	SIGMA=	3.4	PHAS=	52.0	FOM=	0.89	TEST=	0
INDE	20	60	34	FOBS=	89.0	SIGMA=	3.2	PHAS=	126.3	FOM=	0.93	TEST=	0
INDE	20	60	36	FOBS=	35.0	SIGMA=	9.2	PHAS=	128.2	FOM=	0.18	TEST=	0
INDE	20	60	38	FOBS=	67.7	SIGMA=	3.5	PHAS=	-31.9	FOM=	0.88	TEST=	0
INDE	20	60	40	FOBS=	76.7	SIGMA=	3.1	PHAS=	113.9	FOM=	0.86	TEST=	0
INDE	20	60	42	FOBS=	97.0	SIGMA=	2.5	PHAS=	105.1	FOM=	0.94	TEST=	0
INDE	20	60	44	FOBS=	61.4	SIGMA=	4.4	PHAS=	88.3	FOM=	0.84	TEST=	0
INDE	20	61	21	FOBS=	32.2	SIGMA=	11.0	PHAS=	-154.0	FOM=	0.47	TEST=	0
INDE	20	61	23	FOBS=	61.6	SIGMA=	5.8	PHAS=	-108.1	FOM=	0.49	TEST=	0
INDE	20	61	25	FOBS=	86.4	SIGMA=	2.9	PHAS=	-79.1	FOM=	0.91	TEST=	0
INDE	20	61	27	FOBS=	81.7	SIGMA=	3.2	PHAS=	-2.4	FOM=	0.83	TEST=	0
INDE	20	61	29	FOBS=	43.7	SIGMA=	5.9	PHAS=	92.6	FOM=	0.50	TEST=	0
INDE	20	61	31	FOBS=	0.0	SIGMA=	22.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	61	33	FOBS=	96.5	SIGMA=	2.9	PHAS=	-65.4	FOM=	0.93	TEST=	0
INDE	20	61	35	FOBS=	30.7	SIGMA=	9.2	PHAS=	-121.9	FOM=	0.13	TEST=	0
INDE	20	61	37	FOBS=	41.3	SIGMA=	7.7	PHAS=	-72.4	FOM=	0.11	TEST=	0
INDE	20	61	39	FOBS=	20.8	SIGMA=	13.7	PHAS=	-2.7	FOM=	0.38	TEST=	0
INDE	20	61	41	FOBS=	105.7	SIGMA=	2.6	PHAS=	21.7	FOM=	0.95	TEST=	0
INDE	20	61	43	FOBS=	41.4	SIGMA=	7.2	PHAS=	7.3	FOM=	0.73	TEST=	0
INDE	20	62	20	FOBS=	65.3	SIGMA=	4.1	PHAS=	-142.8	FOM=	0.79	TEST=	0
INDE	20	62	22	FOBS=	87.0	SIGMA=	3.7	PHAS=	122.9	FOM=	0.69	TEST=	0
INDE	20	62	24	FOBS=	43.7	SIGMA=	8.2	PHAS=	95.4	FOM=	0.20	TEST=	0
INDE	20	62	26	FOBS=	104.7	SIGMA=	2.5	PHAS=	-131.3	FOM=	0.91	TEST=	0
INDE	20	62	28	FOBS=	59.0	SIGMA=	4.4	PHAS=	31.3	FOM=	0.77	TEST=	0
INDE	20	62	30	FOBS=	0.0	SIGMA=	24.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	20	62	32	FOBS=	55.8	SIGMA=	4.9	PHAS=	-82.6	FOM=	0.72	TEST=	0
INDE	20	62	34	FOBS=	130.6	SIGMA=	2.3	PHAS=	-98.5	FOM=	0.88	TEST=	0
INDE	20	62	36	FOBS=	20.7	SIGMA=	20.5	PHAS=	138.5	FOM=	0.42	TEST=	0
INDE	20	62	38	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	20	62	40	FOBS=	37.4	SIGMA=	9.5	PHAS=	6.7	FOM=	0.48	TEST=	0
INDE	20	62	42	FOBS=	39.1	SIGMA=	7.7	PHAS=	-139.9	FOM=	0.56	TEST=	0
INDE	20	63	21	FOBS=	54.9	SIGMA=	4.9	PHAS=	-3.2	FOM=	0.54	TEST=	0
INDE	20	63	23	FOBS=	94.7	SIGMA=	2.9	PHAS=	-24.5	FOM=	0.85	TEST=	0
INDE	20	63	25	FOBS=	44.4	SIGMA=	8.1	PHAS=	-145.1	FOM=	0.38	TEST=	0
INDE	20	63	27	FOBS=	85.6	SIGMA=	3.1	PHAS=	-99.4	FOM=	0.32	TEST=	1
INDE	20	63	29	FOBS=	49.1	SIGMA=	6.2	PHAS=	27.3	FOM=	0.34	TEST=	0
INDE	20	63	31	FOBS=	37.5	SIGMA=	8.3	PHAS=	-172.8	FOM=	0.45	TEST=	0
INDE	20	63	33	FOBS=	71.4	SIGMA=	4.5	PHAS=	64.2	FOM=	0.73	TEST=	0
INDE	20	63	35	FOBS=	59.2	SIGMA=	5.5	PHAS=	29.3	FOM=	0.32	TEST=	0
INDE	20	63	37	FOBS=	54.7	SIGMA=	6.1	PHAS=	97.1	FOM=	0.86	TEST=	0
INDE	20	63	39	FOBS=	57.3	SIGMA=	6.0	PHAS=	155.3	FOM=	0.86	TEST=	0
INDE	20	64	20	FOBS=	76.6	SIGMA=	3.5	PHAS=	-63.4	FOM=	0.86	TEST=	0
INDE	20	64	22	FOBS=	91.8	SIGMA=	3.0	PHAS=	-92.7	FOM=	0.76	TEST=	0
INDE	20	64	24	FOBS=	18.5	SIGMA=	19.4	PHAS=	-43.8	FOM=	0.40	TEST=	0
INDE	20	64	26	FOBS=	79.6	SIGMA=	3.8	PHAS=	129.9	FOM=	0.92	TEST=	0
INDE	20	64	28	FOBS=	47.5	SIGMA=	6.3	PHAS=	69.8	FOM=	0.62	TEST=	0
INDE	20	64	30	FOBS=	46.0	SIGMA=	6.6	PHAS=	-12.5	FOM=	0.60	TEST=	0
INDE	20	64	32	FOBS=	49.2	SIGMA=	6.4	PHAS=	88.9	FOM=	0.69	TEST=	0
INDE	20	64	34	FOBS=	53.2	SIGMA=	6.1	PHAS=	-19.8	FOM=	0.58	TEST=	0
INDE	20	64	36	FOBS=	50.6	SIGMA=	7.8	PHAS=	8.6	FOM=	0.52	TEST=	0
INDE	20	64	38	FOBS=	75.1	SIGMA=	4.6	PHAS=	77.8	FOM=	0.81	TEST=	0
INDE	20	65	21	FOBS=	84.4	SIGMA=	3.2	PHAS=	178.0	FOM=	0.87	TEST=	0

INDE	20	65	23	FOBS=	31.9	SIGMA=	9.8	PHAS=	-112.2	FOM=	0.12	TEST=	0
INDE	20	65	25	FOBS=	70.2	SIGMA=	5.3	PHAS=	-21.2	FOM=	0.92	TEST=	0
INDE	20	65	27	FOBS=	96.9	SIGMA=	3.2	PHAS=	-29.0	FOM=	0.32	TEST=	1
INDE	20	65	29	FOBS=	77.8	SIGMA=	4.0	PHAS=	-164.7	FOM=	0.85	TEST=	0
INDE	20	65	31	FOBS=	17.3	SIGMA=	21.8	PHAS=	143.6	FOM=	0.31	TEST=	0
INDE	20	65	33	FOBS=	42.0	SIGMA=	7.6	PHAS=	43.9	FOM=	0.21	TEST=	1
INDE	20	65	35	FOBS=	22.9	SIGMA=	14.4	PHAS=	-106.1	FOM=	0.67	TEST=	0
INDE	20	65	37	FOBS=	35.3	SIGMA=	9.8	PHAS=	51.9	FOM=	0.44	TEST=	0
INDE	20	66	20	FOBS=	36.8	SIGMA=	8.5	PHAS=	114.2	FOM=	0.46	TEST=	0
INDE	20	66	22	FOBS=	27.6	SIGMA=	11.8	PHAS=	-79.9	FOM=	0.23	TEST=	0
INDE	20	66	24	FOBS=	75.7	SIGMA=	3.6	PHAS=	-124.9	FOM=	0.73	TEST=	0
INDE	20	66	26	FOBS=	27.1	SIGMA=	13.5	PHAS=	-141.9	FOM=	0.18	TEST=	0
INDE	20	66	28	FOBS=	48.3	SIGMA=	6.3	PHAS=	90.2	FOM=	0.81	TEST=	0
INDE	20	66	30	FOBS=	61.3	SIGMA=	5.1	PHAS=	61.2	FOM=	0.88	TEST=	0
INDE	20	66	32	FOBS=	39.0	SIGMA=	8.1	PHAS=	-113.5	FOM=	0.07	TEST=	0
INDE	20	66	34	FOBS=	23.6	SIGMA=	13.9	PHAS=	-33.7	FOM=	0.23	TEST=	0
INDE	20	67	21	FOBS=	23.3	SIGMA=	17.0	PHAS=	92.3	FOM=	0.07	TEST=	0
INDE	20	67	23	FOBS=	0.0	SIGMA=	32.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	20	67	25	FOBS=	0.0	SIGMA=	32.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	67	27	FOBS=	57.8	SIGMA=	6.5	PHAS=	-12.1	FOM=	0.52	TEST=	0
INDE	20	67	29	FOBS=	99.1	SIGMA=	3.2	PHAS=	-11.6	FOM=	0.88	TEST=	0
INDE	20	67	31	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	67	33	FOBS=	54.8	SIGMA=	6.1	PHAS=	-146.3	FOM=	0.70	TEST=	0
INDE	20	68	20	FOBS=	26.2	SIGMA=	15.1	PHAS=	86.4	FOM=	0.36	TEST=	0
INDE	20	68	22	FOBS=	50.7	SIGMA=	8.2	PHAS=	-119.3	FOM=	0.67	TEST=	0
INDE	20	68	24	FOBS=	61.7	SIGMA=	6.8	PHAS=	4.5	FOM=	0.62	TEST=	0
INDE	20	68	26	FOBS=	0.0	SIGMA=	32.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	68	28	FOBS=	0.0	SIGMA=	33.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	68	30	FOBS=	34.3	SIGMA=	11.5	PHAS=	-81.7	FOM=	0.50	TEST=	0
INDE	20	69	21	FOBS=	31.7	SIGMA=	12.9	PHAS=	152.8	FOM=	0.73	TEST=	0
INDE	20	69	23	FOBS=	64.5	SIGMA=	6.7	PHAS=	10.7	FOM=	0.08	TEST=	0
INDE	20	69	25	FOBS=	78.8	SIGMA=	5.4	PHAS=	-67.1	FOM=	0.73	TEST=	0
INDE	20	69	29	FOBS=	65.3	SIGMA=	8.2	PHAS=	66.9	FOM=	0.34	TEST=	0
INDE	20	70	20	FOBS=	116.5	SIGMA=	3.4	PHAS=	59.3	FOM=	0.92	TEST=	0
INDE	20	70	22	FOBS=	0.0	SIGMA=	28.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	20	70	24	FOBS=	77.2	SIGMA=	5.7	PHAS=	-83.4	FOM=	0.87	TEST=	0
INDE	20	71	21	FOBS=	23.2	SIGMA=	17.5	PHAS=	2.3	FOM=	0.53	TEST=	0
INDE	20	71	23	FOBS=	47.5	SIGMA=	9.1	PHAS=	141.5	FOM=	0.72	TEST=	0
INDE	20	72	20	FOBS=	32.4	SIGMA=	11.6	PHAS=	-36.2	FOM=	0.34	TEST=	0
INDE	21	22	21	FOBS=	88.4	SIGMA=	1.5	PHAS=	-114.7	FOM=	0.95	TEST=	1
INDE	21	22	23	FOBS=	337.5	SIGMA=	0.6	PHAS=	-11.8	FOM=	0.99	TEST=	0
INDE	21	22	25	FOBS=	237.0	SIGMA=	0.8	PHAS=	123.3	FOM=	0.92	TEST=	0
INDE	21	22	27	FOBS=	240.0	SIGMA=	0.7	PHAS=	-100.9	FOM=	0.95	TEST=	0
INDE	21	22	29	FOBS=	207.7	SIGMA=	0.8	PHAS=	5.4	FOM=	0.90	TEST=	0
INDE	21	22	31	FOBS=	133.5	SIGMA=	1.2	PHAS=	71.4	FOM=	0.91	TEST=	0
INDE	21	22	33	FOBS=	24.3	SIGMA=	7.1	PHAS=	136.0	FOM=	0.04	TEST=	1
INDE	21	22	35	FOBS=	96.7	SIGMA=	2.0	PHAS=	49.3	FOM=	0.35	TEST=	0
INDE	21	22	37	FOBS=	180.5	SIGMA=	1.1	PHAS=	177.6	FOM=	0.91	TEST=	0
INDE	21	22	39	FOBS=	111.2	SIGMA=	1.7	PHAS=	14.4	FOM=	0.91	TEST=	0
INDE	21	22	41	FOBS=	221.1	SIGMA=	0.8	PHAS=	-48.6	FOM=	0.88	TEST=	0
INDE	21	22	43	FOBS=	77.0	SIGMA=	2.0	PHAS=	-44.0	FOM=	0.29	TEST=	0
INDE	21	22	45	FOBS=	84.6	SIGMA=	1.9	PHAS=	-155.1	FOM=	0.96	TEST=	0
INDE	21	22	47	FOBS=	95.4	SIGMA=	1.7	PHAS=	-59.8	FOM=	0.93	TEST=	0
INDE	21	22	49	FOBS=	110.0	SIGMA=	1.5	PHAS=	36.1	FOM=	0.82	TEST=	0
INDE	21	22	51	FOBS=	60.5	SIGMA=	2.8	PHAS=	58.4	FOM=	0.75	TEST=	0
INDE	21	22	53	FOBS=	124.7	SIGMA=	1.7	PHAS=	72.7	FOM=	0.90	TEST=	0
INDE	21	22	55	FOBS=	13.6	SIGMA=	14.7	PHAS=	3.1	FOM=	0.13	TEST=	0
INDE	21	22	57	FOBS=	48.7	SIGMA=	5.1	PHAS=	172.3	FOM=	0.72	TEST=	0
INDE	21	22	59	FOBS=	106.8	SIGMA=	2.7	PHAS=	117.2	FOM=	0.93	TEST=	0
INDE	21	22	61	FOBS=	95.3	SIGMA=	2.9	PHAS=	88.6	FOM=	0.90	TEST=	0
INDE	21	22	63	FOBS=	50.1	SIGMA=	5.5	PHAS=	76.3	FOM=	0.72	TEST=	0
INDE	21	22	65	FOBS=	44.0	SIGMA=	6.3	PHAS=	93.7	FOM=	0.81	TEST=	0
INDE	21	22	67	FOBS=	88.6	SIGMA=	4.7	PHAS=	124.3	FOM=	0.83	TEST=	0
INDE	21	22	69	FOBS=	90.0	SIGMA=	4.7	PHAS=	160.7	FOM=	0.90	TEST=	0
INDE	21	22	71	FOBS=	70.1	SIGMA=	5.9	PHAS=	-21.1	FOM=	0.78	TEST=	0
INDE	21	23	22	FOBS=	233.5	SIGMA=	0.7	PHAS=	-119.8	FOM=	0.98	TEST=	0
INDE	21	23	24	FOBS=	141.6	SIGMA=	0.9	PHAS=	-16.8	FOM=	0.94	TEST=	0
INDE	21	23	26	FOBS=	316.2	SIGMA=	0.6	PHAS=	20.0	FOM=	0.94	TEST=	0
INDE	21	23	28	FOBS=	261.2	SIGMA=	0.6	PHAS=	-45.1	FOM=	0.94	TEST=	0
INDE	21	23	30	FOBS=	323.0	SIGMA=	0.6	PHAS=	-36.5	FOM=	0.97	TEST=	0

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INDE	21	23	32	FOBS=	133.1	SIGMA=	1.1	PHAS=	67.9	FOM=	0.93	TEST=	0
INDE	21	23	34	FOBS=	138.0	SIGMA=	1.2	PHAS=	-107.9	FOM=	0.87	TEST=	0
INDE	21	23	36	FOBS=	288.0	SIGMA=	0.7	PHAS=	8.5	FOM=	0.95	TEST=	0
INDE	21	23	38	FOBS=	110.1	SIGMA=	1.7	PHAS=	99.1	FOM=	0.91	TEST=	0
INDE	21	23	40	FOBS=	64.7	SIGMA=	2.7	PHAS=	-119.8	FOM=	0.87	TEST=	1
INDE	21	23	42	FOBS=	192.2	SIGMA=	0.9	PHAS=	-87.1	FOM=	0.92	TEST=	0
INDE	21	23	44	FOBS=	180.9	SIGMA=	0.9	PHAS=	166.7	FOM=	0.96	TEST=	0
INDE	21	23	46	FOBS=	127.8	SIGMA=	1.3	PHAS=	78.1	FOM=	0.36	TEST=	1
INDE	21	23	48	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	21	23	50	FOBS=	90.8	SIGMA=	1.8	PHAS=	36.7	FOM=	0.88	TEST=	0
INDE	21	23	52	FOBS=	80.9	SIGMA=	2.4	PHAS=	-44.0	FOM=	0.93	TEST=	0
INDE	21	23	54	FOBS=	83.5	SIGMA=	2.5	PHAS=	-43.0	FOM=	0.91	TEST=	0
INDE	21	23	56	FOBS=	35.4	SIGMA=	6.5	PHAS=	-174.6	FOM=	0.67	TEST=	0
INDE	21	23	58	FOBS=	48.4	SIGMA=	7.8	PHAS=	-144.8	FOM=	0.03	TEST=	1
INDE	21	23	60	FOBS=	101.8	SIGMA=	2.8	PHAS=	16.8	FOM=	0.94	TEST=	0
INDE	21	23	62	FOBS=	27.1	SIGMA=	10.3	PHAS=	-78.7	FOM=	0.17	TEST=	0
INDE	21	23	64	FOBS=	32.8	SIGMA=	9.8	PHAS=	-116.5	FOM=	0.51	TEST=	0
INDE	21	23	66	FOBS=	67.0	SIGMA=	6.2	PHAS=	-19.1	FOM=	0.91	TEST=	0
INDE	21	23	68	FOBS=	95.1	SIGMA=	4.4	PHAS=	-38.5	FOM=	0.93	TEST=	0
INDE	21	23	70	FOBS=	33.2	SIGMA=	12.4	PHAS=	171.4	FOM=	0.73	TEST=	0
INDE	21	24	21	FOBS=	169.5	SIGMA=	0.8	PHAS=	-35.4	FOM=	0.95	TEST=	0
INDE	21	24	23	FOBS=	122.9	SIGMA=	1.0	PHAS=	146.4	FOM=	0.98	TEST=	0
INDE	21	24	25	FOBS=	97.9	SIGMA=	1.2	PHAS=	125.4	FOM=	0.77	TEST=	0
INDE	21	24	27	FOBS=	391.6	SIGMA=	0.6	PHAS=	-97.4	FOM=	0.97	TEST=	0
INDE	21	24	29	FOBS=	254.7	SIGMA=	0.6	PHAS=	-154.0	FOM=	0.95	TEST=	0
INDE	21	24	31	FOBS=	370.4	SIGMA=	0.7	PHAS=	-138.7	FOM=	0.97	TEST=	0
INDE	21	24	33	FOBS=	92.6	SIGMA=	1.5	PHAS=	-55.3	FOM=	0.98	TEST=	0
INDE	21	24	35	FOBS=	236.8	SIGMA=	0.7	PHAS=	-47.3	FOM=	0.95	TEST=	0
INDE	21	24	37	FOBS=	205.9	SIGMA=	1.0	PHAS=	-115.0	FOM=	0.81	TEST=	1
INDE	21	24	39	FOBS=	126.9	SIGMA=	1.5	PHAS=	101.8	FOM=	0.93	TEST=	0
INDE	21	24	41	FOBS=	55.5	SIGMA=	3.2	PHAS=	173.0	FOM=	0.63	TEST=	0
INDE	21	24	43	FOBS=	32.2	SIGMA=	5.3	PHAS=	52.7	FOM=	0.62	TEST=	0
INDE	21	24	45	FOBS=	119.6	SIGMA=	1.4	PHAS=	-79.1	FOM=	0.85	TEST=	0
INDE	21	24	47	FOBS=	81.6	SIGMA=	2.0	PHAS=	-100.8	FOM=	0.89	TEST=	0
INDE	21	24	49	FOBS=	114.0	SIGMA=	1.5	PHAS=	-102.6	FOM=	0.95	TEST=	0
INDE	21	24	51	FOBS=	104.3	SIGMA=	1.9	PHAS=	-115.5	FOM=	0.90	TEST=	0
INDE	21	24	53	FOBS=	12.5	SIGMA=	19.2	PHAS=	-171.0	FOM=	0.06	TEST=	0
INDE	21	24	55	FOBS=	111.2	SIGMA=	2.0	PHAS=	144.2	FOM=	0.88	TEST=	0
INDE	21	24	57	FOBS=	8.3	SIGMA=	34.3	PHAS=	71.1	FOM=	0.06	TEST=	0
INDE	21	24	59	FOBS=	69.7	SIGMA=	4.2	PHAS=	174.4	FOM=	0.77	TEST=	0
INDE	21	24	61	FOBS=	40.3	SIGMA=	7.0	PHAS=	78.8	FOM=	0.31	TEST=	0
INDE	21	24	63	FOBS=	52.4	SIGMA=	5.4	PHAS=	78.2	FOM=	0.71	TEST=	0
INDE	21	24	65	FOBS=	132.8	SIGMA=	2.7	PHAS=	-162.9	FOM=	0.97	TEST=	0
INDE	21	24	67	FOBS=	33.4	SIGMA=	12.5	PHAS=	-9.7	FOM=	0.16	TEST=	0
INDE	21	24	69	FOBS=	76.4	SIGMA=	5.1	PHAS=	164.8	FOM=	0.90	TEST=	0
INDE	21	25	22	FOBS=	222.2	SIGMA=	0.7	PHAS=	72.7	FOM=	0.98	TEST=	0
INDE	21	25	24	FOBS=	344.0	SIGMA=	0.6	PHAS=	22.8	FOM=	0.96	TEST=	0
INDE	21	25	26	FOBS=	272.8	SIGMA=	0.6	PHAS=	156.5	FOM=	0.98	TEST=	0
INDE	21	25	28	FOBS=	50.6	SIGMA=	2.6	PHAS=	-41.5	FOM=	0.92	TEST=	0
INDE	21	25	30	FOBS=	101.2	SIGMA=	1.4	PHAS=	106.6	FOM=	0.98	TEST=	0
INDE	21	25	32	FOBS=	251.9	SIGMA=	0.7	PHAS=	148.1	FOM=	0.96	TEST=	0
INDE	21	25	34	FOBS=	54.4	SIGMA=	2.9	PHAS=	-61.8	FOM=	0.84	TEST=	0
INDE	21	25	36	FOBS=	234.3	SIGMA=	0.8	PHAS=	-164.7	FOM=	0.93	TEST=	0
INDE	21	25	38	FOBS=	95.9	SIGMA=	1.7	PHAS=	-28.6	FOM=	0.58	TEST=	1
INDE	21	25	40	FOBS=	246.7	SIGMA=	0.7	PHAS=	74.5	FOM=	0.97	TEST=	0
INDE	21	25	42	FOBS=	80.4	SIGMA=	2.0	PHAS=	-75.4	FOM=	0.76	TEST=	0
INDE	21	25	44	FOBS=	181.2	SIGMA=	1.0	PHAS=	-145.2	FOM=	0.95	TEST=	0
INDE	21	25	46	FOBS=	274.1	SIGMA=	0.8	PHAS=	152.5	FOM=	0.97	TEST=	0
INDE	21	25	48	FOBS=	128.6	SIGMA=	1.3	PHAS=	-178.5	FOM=	0.93	TEST=	0
INDE	21	25	50	FOBS=	136.7	SIGMA=	1.3	PHAS=	109.5	FOM=	0.95	TEST=	0
INDE	21	25	52	FOBS=	105.1	SIGMA=	1.9	PHAS=	156.8	FOM=	0.84	TEST=	0
INDE	21	25	54	FOBS=	87.6	SIGMA=	2.2	PHAS=	163.8	FOM=	0.80	TEST=	0
INDE	21	25	56	FOBS=	26.2	SIGMA=	8.7	PHAS=	64.4	FOM=	0.08	TEST=	0
INDE	21	25	58	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	25	60	FOBS=	33.7	SIGMA=	11.3	PHAS=	-43.4	FOM=	0.31	TEST=	0
INDE	21	25	62	FOBS=	36.2	SIGMA=	7.9	PHAS=	-32.3	FOM=	0.50	TEST=	0
INDE	21	25	64	FOBS=	104.0	SIGMA=	3.4	PHAS=	102.4	FOM=	0.93	TEST=	0
INDE	21	25	66	FOBS=	68.8	SIGMA=	5.9	PHAS=	52.9	FOM=	0.55	TEST=	0
INDE	21	25	68	FOBS=	54.5	SIGMA=	7.3	PHAS=	43.8	FOM=	0.03	TEST=	1
INDE	21	25	70	FOBS=	64.4	SIGMA=	6.2	PHAS=	61.3	FOM=	0.75	TEST=	0

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INDE	21	26	21	FOBS=	390.3	SIGMA=	0.6	PHAS=	-25.8	FOM=	0.98	TEST=	0
INDE	21	26	23	FOBS=	187.8	SIGMA=	0.8	PHAS=	-87.6	FOM=	0.97	TEST=	0
INDE	21	26	25	FOBS=	62.3	SIGMA=	2.2	PHAS=	-44.9	FOM=	0.24	TEST=	0
INDE	21	26	27	FOBS=	240.9	SIGMA=	0.6	PHAS=	42.1	FOM=	0.99	TEST=	0
INDE	21	26	29	FOBS=	280.1	SIGMA=	0.6	PHAS=	-112.1	FOM=	0.95	TEST=	0
INDE	21	26	31	FOBS=	104.8	SIGMA=	1.4	PHAS=	166.8	FOM=	0.98	TEST=	0
INDE	21	26	33	FOBS=	75.6	SIGMA=	1.9	PHAS=	-169.3	FOM=	0.92	TEST=	0
INDE	21	26	35	FOBS=	143.6	SIGMA=	1.2	PHAS=	39.2	FOM=	0.85	TEST=	0
INDE	21	26	37	FOBS=	107.8	SIGMA=	1.6	PHAS=	160.7	FOM=	0.93	TEST=	0
INDE	21	26	39	FOBS=	134.3	SIGMA=	1.3	PHAS=	-51.2	FOM=	0.84	TEST=	0
INDE	21	26	41	FOBS=	140.7	SIGMA=	1.2	PHAS=	-20.6	FOM=	0.91	TEST=	0
INDE	21	26	43	FOBS=	246.4	SIGMA=	0.8	PHAS=	141.8	FOM=	0.97	TEST=	0
INDE	21	26	45	FOBS=	70.7	SIGMA=	2.2	PHAS=	62.2	FOM=	0.73	TEST=	0
INDE	21	26	47	FOBS=	107.6	SIGMA=	1.5	PHAS=	58.6	FOM=	0.92	TEST=	0
INDE	21	26	49	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	21	26	51	FOBS=	81.0	SIGMA=	2.3	PHAS=	-2.8	FOM=	0.90	TEST=	0
INDE	21	26	53	FOBS=	117.3	SIGMA=	1.7	PHAS=	44.6	FOM=	0.86	TEST=	0
INDE	21	26	55	FOBS=	46.8	SIGMA=	4.2	PHAS=	16.4	FOM=	0.74	TEST=	0
INDE	21	26	57	FOBS=	52.9	SIGMA=	4.4	PHAS=	163.6	FOM=	0.74	TEST=	0
INDE	21	26	59	FOBS=	12.0	SIGMA=	24.0	PHAS=	110.6	FOM=	0.25	TEST=	0
INDE	21	26	61	FOBS=	93.5	SIGMA=	3.1	PHAS=	168.5	FOM=	0.79	TEST=	0
INDE	21	26	63	FOBS=	9.5	SIGMA=	30.1	PHAS=	-10.3	FOM=	0.13	TEST=	0
INDE	21	26	65	FOBS=	15.5	SIGMA=	25.9	PHAS=	141.7	FOM=	0.14	TEST=	1
INDE	21	26	67	FOBS=	0.0	SIGMA=	28.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	26	69	FOBS=	0.0	SIGMA=	28.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	27	22	FOBS=	95.4	SIGMA=	1.4	PHAS=	94.8	FOM=	0.74	TEST=	0
INDE	21	27	24	FOBS=	59.5	SIGMA=	2.3	PHAS=	145.6	FOM=	0.88	TEST=	0
INDE	21	27	26	FOBS=	192.1	SIGMA=	0.8	PHAS=	-41.7	FOM=	0.92	TEST=	0
INDE	21	27	28	FOBS=	99.8	SIGMA=	1.4	PHAS=	-20.7	FOM=	0.87	TEST=	0
INDE	21	27	30	FOBS=	198.5	SIGMA=	0.8	PHAS=	-160.0	FOM=	0.93	TEST=	0
INDE	21	27	32	FOBS=	207.6	SIGMA=	0.8	PHAS=	84.1	FOM=	0.95	TEST=	0
INDE	21	27	34	FOBS=	154.4	SIGMA=	1.1	PHAS=	41.8	FOM=	0.65	TEST=	1
INDE	21	27	36	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	27	38	FOBS=	46.8	SIGMA=	3.4	PHAS=	-77.8	FOM=	0.49	TEST=	0
INDE	21	27	40	FOBS=	116.2	SIGMA=	1.4	PHAS=	136.6	FOM=	0.82	TEST=	0
INDE	21	27	42	FOBS=	65.6	SIGMA=	2.4	PHAS=	75.3	FOM=	0.52	TEST=	0
INDE	21	27	44	FOBS=	41.5	SIGMA=	4.0	PHAS=	123.3	FOM=	0.33	TEST=	0
INDE	21	27	46	FOBS=	33.1	SIGMA=	5.1	PHAS=	37.5	FOM=	0.74	TEST=	0
INDE	21	27	48	FOBS=	6.1	SIGMA=	28.3	PHAS=	-122.7	FOM=	0.14	TEST=	0
INDE	21	27	50	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	27	52	FOBS=	0.0	SIGMA=	16.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	27	54	FOBS=	68.4	SIGMA=	2.5	PHAS=	-116.2	FOM=	0.86	TEST=	0
INDE	21	27	56	FOBS=	52.9	SIGMA=	4.4	PHAS=	-83.9	FOM=	0.48	TEST=	0
INDE	21	27	58	FOBS=	59.9	SIGMA=	3.9	PHAS=	36.0	FOM=	0.90	TEST=	0
INDE	21	27	60	FOBS=	55.4	SIGMA=	5.2	PHAS=	-122.5	FOM=	0.15	TEST=	0
INDE	21	27	62	FOBS=	44.7	SIGMA=	6.4	PHAS=	89.3	FOM=	0.00	TEST=	1
INDE	21	27	64	FOBS=	27.2	SIGMA=	12.5	PHAS=	76.5	FOM=	0.53	TEST=	0
INDE	21	27	66	FOBS=	0.0	SIGMA=	28.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	27	68	FOBS=	0.0	SIGMA=	29.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	28	21	FOBS=	207.1	SIGMA=	0.7	PHAS=	-43.8	FOM=	0.94	TEST=	0
INDE	21	28	23	FOBS=	140.2	SIGMA=	1.0	PHAS=	76.9	FOM=	0.95	TEST=	0
INDE	21	28	25	FOBS=	259.1	SIGMA=	0.7	PHAS=	-73.4	FOM=	0.95	TEST=	0
INDE	21	28	27	FOBS=	78.4	SIGMA=	1.9	PHAS=	-42.4	FOM=	0.89	TEST=	0
INDE	21	28	29	FOBS=	131.3	SIGMA=	1.2	PHAS=	-95.8	FOM=	0.12	TEST=	1
INDE	21	28	31	FOBS=	105.9	SIGMA=	1.5	PHAS=	9.3	FOM=	0.86	TEST=	1
INDE	21	28	33	FOBS=	130.8	SIGMA=	1.3	PHAS=	68.7	FOM=	0.29	TEST=	1
INDE	21	28	35	FOBS=	58.9	SIGMA=	2.9	PHAS=	61.3	FOM=	0.91	TEST=	0
INDE	21	28	37	FOBS=	186.2	SIGMA=	0.9	PHAS=	175.9	FOM=	0.93	TEST=	0
INDE	21	28	39	FOBS=	131.0	SIGMA=	1.3	PHAS=	-7.3	FOM=	0.95	TEST=	0
INDE	21	28	41	FOBS=	200.7	SIGMA=	0.9	PHAS=	13.4	FOM=	0.92	TEST=	0
INDE	21	28	43	FOBS=	225.9	SIGMA=	0.8	PHAS=	127.4	FOM=	0.95	TEST=	0
INDE	21	28	45	FOBS=	78.1	SIGMA=	2.0	PHAS=	-164.6	FOM=	0.95	TEST=	0
INDE	21	28	47	FOBS=	85.9	SIGMA=	2.1	PHAS=	50.7	FOM=	0.50	TEST=	1
INDE	21	28	49	FOBS=	25.7	SIGMA=	7.1	PHAS=	20.7	FOM=	0.24	TEST=	0
INDE	21	28	51	FOBS=	100.2	SIGMA=	1.8	PHAS=	-6.4	FOM=	0.87	TEST=	0
INDE	21	28	53	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	28	55	FOBS=	66.8	SIGMA=	3.0	PHAS=	165.4	FOM=	0.64	TEST=	0
INDE	21	28	57	FOBS=	98.7	SIGMA=	2.4	PHAS=	-112.2	FOM=	0.80	TEST=	0
INDE	21	28	59	FOBS=	33.9	SIGMA=	6.7	PHAS=	-3.3	FOM=	0.18	TEST=	0
INDE	21	28	61	FOBS=	45.2	SIGMA=	6.3	PHAS=	-141.0	FOM=	0.49	TEST=	0

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INDE	21	28	63	FOBS=	52.0	SIGMA=	6.6	PHAS=	149.4	FOM=	0.48	TEST=	0
INDE	21	28	65	FOBS=	96.7	SIGMA=	4.4	PHAS=	17.6	FOM=	0.91	TEST=	0
INDE	21	28	67	FOBS=	0.0	SIGMA=	29.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	28	69	FOBS=	0.0	SIGMA=	28.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	29	22	FOBS=	125.3	SIGMA=	1.1	PHAS=	36.1	FOM=	0.88	TEST=	1
INDE	21	29	24	FOBS=	178.6	SIGMA=	0.9	PHAS=	-139.9	FOM=	0.97	TEST=	0
INDE	21	29	26	FOBS=	139.6	SIGMA=	1.1	PHAS=	-110.7	FOM=	0.93	TEST=	0
INDE	21	29	28	FOBS=	150.1	SIGMA=	1.0	PHAS=	-171.6	FOM=	0.77	TEST=	0
INDE	21	29	30	FOBS=	202.7	SIGMA=	0.9	PHAS=	-112.3	FOM=	0.94	TEST=	0
INDE	21	29	32	FOBS=	213.1	SIGMA=	0.9	PHAS=	2.0	FOM=	0.96	TEST=	0
INDE	21	29	34	FOBS=	143.1	SIGMA=	1.2	PHAS=	142.5	FOM=	0.95	TEST=	0
INDE	21	29	36	FOBS=	145.3	SIGMA=	1.2	PHAS=	88.3	FOM=	0.84	TEST=	0
INDE	21	29	38	FOBS=	40.3	SIGMA=	4.1	PHAS=	-130.0	FOM=	0.54	TEST=	0
INDE	21	29	40	FOBS=	292.9	SIGMA=	0.7	PHAS=	-86.3	FOM=	0.97	TEST=	0
INDE	21	29	42	FOBS=	108.8	SIGMA=	1.5	PHAS=	92.1	FOM=	0.75	TEST=	0
INDE	21	29	44	FOBS=	115.5	SIGMA=	1.4	PHAS=	101.6	FOM=	0.89	TEST=	0
INDE	21	29	46	FOBS=	177.8	SIGMA=	1.1	PHAS=	3.6	FOM=	0.97	TEST=	0
INDE	21	29	48	FOBS=	82.8	SIGMA=	2.2	PHAS=	-71.7	FOM=	0.51	TEST=	0
INDE	21	29	50	FOBS=	94.5	SIGMA=	2.0	PHAS=	-99.0	FOM=	0.89	TEST=	0
INDE	21	29	52	FOBS=	51.5	SIGMA=	3.5	PHAS=	57.3	FOM=	0.79	TEST=	0
INDE	21	29	54	FOBS=	27.4	SIGMA=	7.1	PHAS=	-150.6	FOM=	0.48	TEST=	0
INDE	21	29	56	FOBS=	33.0	SIGMA=	5.8	PHAS=	144.5	FOM=	0.60	TEST=	0
INDE	21	29	58	FOBS=	94.5	SIGMA=	2.1	PHAS=	91.0	FOM=	0.91	TEST=	0
INDE	21	29	60	FOBS=	67.8	SIGMA=	3.4	PHAS=	-144.4	FOM=	0.69	TEST=	0
INDE	21	29	62	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	29	64	FOBS=	47.7	SIGMA=	8.9	PHAS=	26.9	FOM=	0.69	TEST=	0
INDE	21	29	66	FOBS=	0.0	SIGMA=	28.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	29	68	FOBS=	0.0	SIGMA=	28.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	30	21	FOBS=	138.1	SIGMA=	1.1	PHAS=	70.8	FOM=	0.95	TEST=	0
INDE	21	30	23	FOBS=	190.9	SIGMA=	0.8	PHAS=	157.9	FOM=	0.94	TEST=	0
INDE	21	30	25	FOBS=	178.1	SIGMA=	0.9	PHAS=	-103.7	FOM=	0.97	TEST=	0
INDE	21	30	27	FOBS=	251.8	SIGMA=	0.8	PHAS=	112.0	FOM=	0.88	TEST=	1
INDE	21	30	29	FOBS=	79.3	SIGMA=	2.0	PHAS=	93.5	FOM=	0.89	TEST=	0
INDE	21	30	31	FOBS=	138.1	SIGMA=	1.3	PHAS=	-68.8	FOM=	0.47	TEST=	0
INDE	21	30	33	FOBS=	229.1	SIGMA=	0.8	PHAS=	43.3	FOM=	0.96	TEST=	0
INDE	21	30	35	FOBS=	56.3	SIGMA=	2.9	PHAS=	104.3	FOM=	0.58	TEST=	0
INDE	21	30	37	FOBS=	56.1	SIGMA=	3.2	PHAS=	-25.7	FOM=	0.35	TEST=	0
INDE	21	30	39	FOBS=	216.9	SIGMA=	0.9	PHAS=	-159.4	FOM=	0.95	TEST=	0
INDE	21	30	41	FOBS=	24.9	SIGMA=	6.3	PHAS=	113.1	FOM=	0.25	TEST=	0
INDE	21	30	43	FOBS=	118.9	SIGMA=	1.3	PHAS=	141.0	FOM=	0.69	TEST=	0
INDE	21	30	45	FOBS=	118.2	SIGMA=	1.5	PHAS=	-114.2	FOM=	0.93	TEST=	0
INDE	21	30	47	FOBS=	104.3	SIGMA=	1.7	PHAS=	-68.9	FOM=	0.70	TEST=	0
INDE	21	30	49	FOBS=	102.6	SIGMA=	1.7	PHAS=	82.7	FOM=	0.85	TEST=	0
INDE	21	30	51	FOBS=	11.3	SIGMA=	16.5	PHAS=	59.8	FOM=	0.18	TEST=	0
INDE	21	30	53	FOBS=	80.2	SIGMA=	2.3	PHAS=	-28.0	FOM=	0.82	TEST=	0
INDE	21	30	55	FOBS=	117.9	SIGMA=	1.7	PHAS=	74.8	FOM=	0.92	TEST=	0
INDE	21	30	57	FOBS=	80.2	SIGMA=	2.4	PHAS=	-61.9	FOM=	0.93	TEST=	0
INDE	21	30	59	FOBS=	50.5	SIGMA=	3.8	PHAS=	26.7	FOM=	0.56	TEST=	0
INDE	21	30	61	FOBS=	71.5	SIGMA=	2.8	PHAS=	176.2	FOM=	0.83	TEST=	0
INDE	21	30	63	FOBS=	21.0	SIGMA=	16.2	PHAS=	-67.6	FOM=	0.50	TEST=	0
INDE	21	30	65	FOBS=	39.7	SIGMA=	10.5	PHAS=	53.1	FOM=	0.70	TEST=	0
INDE	21	30	67	FOBS=	72.6	SIGMA=	5.8	PHAS=	-109.1	FOM=	0.87	TEST=	0
INDE	21	31	22	FOBS=	53.6	SIGMA=	2.7	PHAS=	29.4	FOM=	0.52	TEST=	0
INDE	21	31	24	FOBS=	146.0	SIGMA=	1.1	PHAS=	150.7	FOM=	0.93	TEST=	0
INDE	21	31	26	FOBS=	137.1	SIGMA=	1.3	PHAS=	-54.5	FOM=	0.96	TEST=	1
INDE	21	31	28	FOBS=	153.1	SIGMA=	1.2	PHAS=	16.3	FOM=	0.91	TEST=	0
INDE	21	31	30	FOBS=	73.8	SIGMA=	2.4	PHAS=	72.3	FOM=	0.78	TEST=	0
INDE	21	31	32	FOBS=	216.6	SIGMA=	0.9	PHAS=	-29.6	FOM=	0.96	TEST=	0
INDE	21	31	34	FOBS=	106.8	SIGMA=	1.6	PHAS=	-129.1	FOM=	0.43	TEST=	1
INDE	21	31	36	FOBS=	134.2	SIGMA=	1.3	PHAS=	173.7	FOM=	0.87	TEST=	0
INDE	21	31	38	FOBS=	243.6	SIGMA=	0.8	PHAS=	119.4	FOM=	0.96	TEST=	0
INDE	21	31	40	FOBS=	52.4	SIGMA=	3.3	PHAS=	-114.1	FOM=	0.81	TEST=	0
INDE	21	31	42	FOBS=	112.4	SIGMA=	1.6	PHAS=	78.1	FOM=	0.87	TEST=	0
INDE	21	31	44	FOBS=	52.8	SIGMA=	3.2	PHAS=	153.8	FOM=	0.64	TEST=	0
INDE	21	31	46	FOBS=	51.4	SIGMA=	3.3	PHAS=	156.6	FOM=	0.84	TEST=	0
INDE	21	31	48	FOBS=	46.6	SIGMA=	4.0	PHAS=	-121.1	FOM=	0.76	TEST=	0
INDE	21	31	50	FOBS=	34.6	SIGMA=	5.3	PHAS=	-6.7	FOM=	0.54	TEST=	0
INDE	21	31	52	FOBS=	24.3	SIGMA=	7.7	PHAS=	110.4	FOM=	0.32	TEST=	0
INDE	21	31	54	FOBS=	64.3	SIGMA=	3.3	PHAS=	-69.5	FOM=	0.72	TEST=	0
INDE	21	31	56	FOBS=	111.2	SIGMA=	1.8	PHAS=	170.2	FOM=	0.89	TEST=	0

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INDE	21	31	58	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	31	60	FOBS=	22.3	SIGMA=	11.6	PHAS=	-51.8	FOM=	0.13	TEST=	0
INDE	21	31	62	FOBS=	13.3	SIGMA=	19.2	PHAS=	-135.0	FOM=	0.31	TEST=	0
INDE	21	31	64	FOBS=	45.2	SIGMA=	7.5	PHAS=	-97.7	FOM=	0.08	TEST=	0
INDE	21	31	66	FOBS=	46.4	SIGMA=	9.3	PHAS=	-65.7	FOM=	0.23	TEST=	0
INDE	21	31	68	FOBS=	122.7	SIGMA=	3.5	PHAS=	175.7	FOM=	0.96	TEST=	0
INDE	21	32	21	FOBS=	294.5	SIGMA=	0.8	PHAS=	82.1	FOM=	0.94	TEST=	0
INDE	21	32	23	FOBS=	128.0	SIGMA=	1.3	PHAS=	-115.9	FOM=	0.88	TEST=	0
INDE	21	32	25	FOBS=	148.6	SIGMA=	1.2	PHAS=	-120.5	FOM=	0.90	TEST=	0
INDE	21	32	27	FOBS=	173.7	SIGMA=	1.1	PHAS=	144.3	FOM=	0.85	TEST=	0
INDE	21	32	29	FOBS=	266.2	SIGMA=	0.8	PHAS=	8.7	FOM=	0.95	TEST=	0
INDE	21	32	31	FOBS=	215.1	SIGMA=	0.9	PHAS=	-66.0	FOM=	0.95	TEST=	0
INDE	21	32	33	FOBS=	136.0	SIGMA=	1.3	PHAS=	-15.4	FOM=	0.95	TEST=	0
INDE	21	32	35	FOBS=	123.4	SIGMA=	1.4	PHAS=	101.3	FOM=	0.91	TEST=	0
INDE	21	32	37	FOBS=	220.7	SIGMA=	0.8	PHAS=	58.8	FOM=	0.94	TEST=	0
INDE	21	32	39	FOBS=	170.2	SIGMA=	1.1	PHAS=	166.5	FOM=	0.93	TEST=	0
INDE	21	32	41	FOBS=	62.5	SIGMA=	2.8	PHAS=	40.5	FOM=	0.36	TEST=	0
INDE	21	32	43	FOBS=	20.7	SIGMA=	9.1	PHAS=	-31.1	FOM=	0.16	TEST=	0
INDE	21	32	45	FOBS=	164.8	SIGMA=	1.1	PHAS=	50.1	FOM=	0.96	TEST=	0
INDE	21	32	47	FOBS=	104.7	SIGMA=	1.7	PHAS=	65.6	FOM=	0.90	TEST=	0
INDE	21	32	49	FOBS=	101.2	SIGMA=	1.8	PHAS=	100.2	FOM=	0.93	TEST=	0
INDE	21	32	51	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	32	53	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	32	55	FOBS=	103.3	SIGMA=	2.0	PHAS=	35.8	FOM=	0.89	TEST=	0
INDE	21	32	57	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	32	59	FOBS=	72.9	SIGMA=	2.7	PHAS=	32.5	FOM=	0.36	TEST=	0
INDE	21	32	61	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	32	63	FOBS=	61.8	SIGMA=	3.8	PHAS=	14.5	FOM=	0.79	TEST=	0
INDE	21	32	65	FOBS=	74.4	SIGMA=	3.5	PHAS=	22.8	FOM=	0.57	TEST=	0
INDE	21	32	67	FOBS=	34.7	SIGMA=	11.8	PHAS=	41.4	FOM=	0.71	TEST=	0
INDE	21	33	22	FOBS=	63.7	SIGMA=	2.6	PHAS=	-56.0	FOM=	0.40	TEST=	1
INDE	21	33	24	FOBS=	137.1	SIGMA=	1.3	PHAS=	111.3	FOM=	0.97	TEST=	0
INDE	21	33	26	FOBS=	163.0	SIGMA=	1.2	PHAS=	9.3	FOM=	0.95	TEST=	0
INDE	21	33	28	FOBS=	88.3	SIGMA=	2.3	PHAS=	2.5	FOM=	0.50	TEST=	0
INDE	21	33	30	FOBS=	150.2	SIGMA=	1.4	PHAS=	-117.7	FOM=	0.87	TEST=	0
INDE	21	33	32	FOBS=	187.0	SIGMA=	1.0	PHAS=	-129.8	FOM=	0.83	TEST=	1
INDE	21	33	34	FOBS=	127.8	SIGMA=	1.4	PHAS=	177.4	FOM=	0.77	TEST=	0
INDE	21	33	36	FOBS=	131.4	SIGMA=	1.3	PHAS=	10.3	FOM=	0.82	TEST=	0
INDE	21	33	38	FOBS=	222.4	SIGMA=	0.8	PHAS=	108.8	FOM=	0.93	TEST=	0
INDE	21	33	40	FOBS=	93.0	SIGMA=	1.9	PHAS=	42.0	FOM=	0.87	TEST=	0
INDE	21	33	42	FOBS=	120.7	SIGMA=	1.6	PHAS=	-9.2	FOM=	0.44	TEST=	1
INDE	21	33	44	FOBS=	128.5	SIGMA=	1.5	PHAS=	-16.7	FOM=	0.94	TEST=	0
INDE	21	33	46	FOBS=	62.0	SIGMA=	3.0	PHAS=	-138.7	FOM=	0.37	TEST=	1
INDE	21	33	48	FOBS=	160.9	SIGMA=	1.2	PHAS=	-49.8	FOM=	0.70	TEST=	1
INDE	21	33	50	FOBS=	57.0	SIGMA=	3.1	PHAS=	68.5	FOM=	0.79	TEST=	0
INDE	21	33	52	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	33	54	FOBS=	105.4	SIGMA=	2.1	PHAS=	-19.4	FOM=	0.89	TEST=	0
INDE	21	33	56	FOBS=	55.5	SIGMA=	3.5	PHAS=	-166.9	FOM=	0.82	TEST=	0
INDE	21	33	58	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	33	60	FOBS=	49.7	SIGMA=	4.0	PHAS=	-139.5	FOM=	0.12	TEST=	0
INDE	21	33	62	FOBS=	121.5	SIGMA=	2.0	PHAS=	-133.1	FOM=	0.97	TEST=	0
INDE	21	33	64	FOBS=	46.5	SIGMA=	5.0	PHAS=	-101.3	FOM=	0.69	TEST=	0
INDE	21	33	66	FOBS=	21.0	SIGMA=	12.4	PHAS=	-37.9	FOM=	0.33	TEST=	0
INDE	21	34	21	FOBS=	363.2	SIGMA=	0.8	PHAS=	-162.0	FOM=	0.98	TEST=	0
INDE	21	34	23	FOBS=	166.0	SIGMA=	1.1	PHAS=	-20.4	FOM=	0.92	TEST=	0
INDE	21	34	25	FOBS=	96.3	SIGMA=	1.8	PHAS=	-14.1	FOM=	0.99	TEST=	0
INDE	21	34	27	FOBS=	22.9	SIGMA=	8.4	PHAS=	-144.9	FOM=	0.07	TEST=	0
INDE	21	34	29	FOBS=	146.3	SIGMA=	1.3	PHAS=	63.4	FOM=	0.94	TEST=	0
INDE	21	34	31	FOBS=	170.3	SIGMA=	1.2	PHAS=	162.2	FOM=	0.90	TEST=	0
INDE	21	34	33	FOBS=	51.3	SIGMA=	3.5	PHAS=	102.7	FOM=	0.34	TEST=	0
INDE	21	34	35	FOBS=	63.0	SIGMA=	2.6	PHAS=	50.7	FOM=	0.16	TEST=	0
INDE	21	34	37	FOBS=	260.4	SIGMA=	0.8	PHAS=	89.3	FOM=	0.50	TEST=	1
INDE	21	34	39	FOBS=	123.2	SIGMA=	1.4	PHAS=	43.3	FOM=	0.87	TEST=	0
INDE	21	34	41	FOBS=	130.5	SIGMA=	1.5	PHAS=	42.0	FOM=	0.87	TEST=	0
INDE	21	34	43	FOBS=	166.6	SIGMA=	1.2	PHAS=	-125.8	FOM=	0.95	TEST=	0
INDE	21	34	45	FOBS=	149.8	SIGMA=	1.3	PHAS=	35.6	FOM=	0.91	TEST=	0
INDE	21	34	47	FOBS=	77.1	SIGMA=	2.5	PHAS=	-144.5	FOM=	0.76	TEST=	0
INDE	21	34	49	FOBS=	108.0	SIGMA=	1.8	PHAS=	97.0	FOM=	0.93	TEST=	0
INDE	21	34	51	FOBS=	91.8	SIGMA=	1.9	PHAS=	6.4	FOM=	0.80	TEST=	0
INDE	21	34	53	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0

INDE	21	34	55	FOBS=	3.4	SIGMA=	62.6	PHAS=	-126.8	FOM=	0.07	TEST=	0
INDE	21	34	57	FOBS=	17.3	SIGMA=	12.2	PHAS=	34.3	FOM=	0.07	TEST=	1
INDE	21	34	59	FOBS=	66.0	SIGMA=	3.0	PHAS=	-104.0	FOM=	0.15	TEST=	0
INDE	21	34	61	FOBS=	41.5	SIGMA=	4.8	PHAS=	107.5	FOM=	0.78	TEST=	0
INDE	21	34	63	FOBS=	114.7	SIGMA=	1.9	PHAS=	99.2	FOM=	0.96	TEST=	0
INDE	21	34	65	FOBS=	26.8	SIGMA=	9.7	PHAS=	-47.9	FOM=	0.36	TEST=	0
INDE	21	35	22	FOBS=	154.8	SIGMA=	1.3	PHAS=	116.4	FOM=	0.93	TEST=	0
INDE	21	35	24	FOBS=	287.3	SIGMA=	0.8	PHAS=	-56.2	FOM=	0.98	TEST=	0
INDE	21	35	26	FOBS=	151.4	SIGMA=	1.3	PHAS=	-72.6	FOM=	0.98	TEST=	0
INDE	21	35	28	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	35	30	FOBS=	93.1	SIGMA=	2.0	PHAS=	-125.5	FOM=	0.42	TEST=	0
INDE	21	35	32	FOBS=	174.3	SIGMA=	1.1	PHAS=	135.1	FOM=	0.94	TEST=	0
INDE	21	35	34	FOBS=	90.2	SIGMA=	1.9	PHAS=	119.5	FOM=	0.79	TEST=	0
INDE	21	35	36	FOBS=	174.1	SIGMA=	1.0	PHAS=	-42.7	FOM=	0.93	TEST=	0
INDE	21	35	38	FOBS=	52.4	SIGMA=	3.5	PHAS=	88.3	FOM=	0.59	TEST=	0
INDE	21	35	40	FOBS=	155.1	SIGMA=	1.2	PHAS=	-39.0	FOM=	0.97	TEST=	0
INDE	21	35	42	FOBS=	90.4	SIGMA=	2.2	PHAS=	56.0	FOM=	0.93	TEST=	0
INDE	21	35	44	FOBS=	149.1	SIGMA=	1.4	PHAS=	-144.7	FOM=	0.95	TEST=	0
INDE	21	35	46	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	35	48	FOBS=	141.1	SIGMA=	1.5	PHAS=	31.6	FOM=	0.94	TEST=	0
INDE	21	35	50	FOBS=	49.9	SIGMA=	3.9	PHAS=	-59.8	FOM=	0.70	TEST=	0
INDE	21	35	52	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	21	35	54	FOBS=	57.0	SIGMA=	3.8	PHAS=	100.5	FOM=	0.88	TEST=	0
INDE	21	35	56	FOBS=	42.5	SIGMA=	4.6	PHAS=	-83.4	FOM=	0.29	TEST=	0
INDE	21	35	58	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	35	60	FOBS=	67.7	SIGMA=	3.0	PHAS=	16.0	FOM=	0.20	TEST=	1
INDE	21	35	62	FOBS=	75.0	SIGMA=	2.7	PHAS=	-59.7	FOM=	0.85	TEST=	0
INDE	21	35	64	FOBS=	66.4	SIGMA=	4.3	PHAS=	-8.3	FOM=	0.90	TEST=	0
INDE	21	35	66	FOBS=	43.3	SIGMA=	8.0	PHAS=	-129.9	FOM=	0.42	TEST=	0
INDE	21	36	21	FOBS=	171.8	SIGMA=	1.2	PHAS=	-51.5	FOM=	0.93	TEST=	0
INDE	21	36	23	FOBS=	196.4	SIGMA=	1.1	PHAS=	-107.1	FOM=	0.97	TEST=	0
INDE	21	36	25	FOBS=	213.6	SIGMA=	1.0	PHAS=	162.2	FOM=	0.96	TEST=	0
INDE	21	36	27	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	36	29	FOBS=	187.1	SIGMA=	1.1	PHAS=	153.5	FOM=	0.94	TEST=	0
INDE	21	36	31	FOBS=	149.1	SIGMA=	1.3	PHAS=	97.9	FOM=	0.90	TEST=	0
INDE	21	36	33	FOBS=	163.4	SIGMA=	1.1	PHAS=	71.1	FOM=	0.91	TEST=	1
INDE	21	36	35	FOBS=	114.9	SIGMA=	1.5	PHAS=	-108.9	FOM=	0.82	TEST=	0
INDE	21	36	37	FOBS=	64.3	SIGMA=	2.8	PHAS=	82.0	FOM=	0.51	TEST=	0
INDE	21	36	39	FOBS=	172.6	SIGMA=	1.1	PHAS=	173.1	FOM=	0.92	TEST=	0
INDE	21	36	41	FOBS=	129.5	SIGMA=	1.5	PHAS=	-36.8	FOM=	0.92	TEST=	0
INDE	21	36	43	FOBS=	91.0	SIGMA=	2.2	PHAS=	-1.2	FOM=	0.76	TEST=	0
INDE	21	36	45	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	36	47	FOBS=	87.3	SIGMA=	2.2	PHAS=	-52.7	FOM=	0.91	TEST=	0
INDE	21	36	49	FOBS=	42.1	SIGMA=	4.7	PHAS=	154.7	FOM=	0.60	TEST=	0
INDE	21	36	51	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	36	53	FOBS=	110.5	SIGMA=	2.0	PHAS=	-16.7	FOM=	0.95	TEST=	0
INDE	21	36	55	FOBS=	92.1	SIGMA=	2.4	PHAS=	16.2	FOM=	0.27	TEST=	1
INDE	21	36	57	FOBS=	74.3	SIGMA=	2.7	PHAS=	-162.2	FOM=	0.77	TEST=	0
INDE	21	36	59	FOBS=	66.7	SIGMA=	3.0	PHAS=	-127.4	FOM=	0.42	TEST=	1
INDE	21	36	61	FOBS=	75.1	SIGMA=	2.7	PHAS=	163.5	FOM=	0.64	TEST=	0
INDE	21	36	63	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	36	65	FOBS=	46.5	SIGMA=	7.4	PHAS=	-28.6	FOM=	0.72	TEST=	0
INDE	21	37	22	FOBS=	229.6	SIGMA=	1.0	PHAS=	-155.9	FOM=	0.94	TEST=	0
INDE	21	37	24	FOBS=	89.2	SIGMA=	2.3	PHAS=	59.5	FOM=	0.90	TEST=	0
INDE	21	37	26	FOBS=	57.3	SIGMA=	3.2	PHAS=	6.1	FOM=	0.75	TEST=	0
INDE	21	37	28	FOBS=	21.6	SIGMA=	8.4	PHAS=	44.0	FOM=	0.31	TEST=	0
INDE	21	37	30	FOBS=	306.9	SIGMA=	0.7	PHAS=	59.7	FOM=	0.96	TEST=	0
INDE	21	37	32	FOBS=	207.7	SIGMA=	1.0	PHAS=	7.2	FOM=	0.96	TEST=	0
INDE	21	37	34	FOBS=	158.2	SIGMA=	1.1	PHAS=	-170.1	FOM=	0.94	TEST=	0
INDE	21	37	36	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	37	38	FOBS=	167.9	SIGMA=	1.1	PHAS=	88.7	FOM=	0.92	TEST=	0
INDE	21	37	40	FOBS=	113.1	SIGMA=	1.6	PHAS=	-104.1	FOM=	0.90	TEST=	0
INDE	21	37	42	FOBS=	53.7	SIGMA=	3.6	PHAS=	-123.9	FOM=	0.72	TEST=	0
INDE	21	37	44	FOBS=	40.0	SIGMA=	4.8	PHAS=	-158.3	FOM=	0.67	TEST=	0
INDE	21	37	46	FOBS=	52.8	SIGMA=	3.6	PHAS=	-101.7	FOM=	0.72	TEST=	0
INDE	21	37	48	FOBS=	72.8	SIGMA=	2.7	PHAS=	111.9	FOM=	0.45	TEST=	0
INDE	21	37	50	FOBS=	18.4	SIGMA=	10.4	PHAS=	142.0	FOM=	0.19	TEST=	0
INDE	21	37	52	FOBS=	75.9	SIGMA=	2.6	PHAS=	-89.1	FOM=	0.60	TEST=	0
INDE	21	37	54	FOBS=	54.3	SIGMA=	4.0	PHAS=	-136.8	FOM=	0.86	TEST=	0
INDE	21	37	56	FOBS=	43.8	SIGMA=	4.8	PHAS=	0.9	FOM=	0.72	TEST=	0

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INDE	21	37	58	FOBS=	68.1	SIGMA=	2.9	PHAS=	54.6	FOM=	0.85	TEST=	0
INDE	21	37	60	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	37	62	FOBS=	84.3	SIGMA=	2.7	PHAS=	141.8	FOM=	0.91	TEST=	0
INDE	21	37	64	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	38	21	FOBS=	200.3	SIGMA=	1.0	PHAS=	128.2	FOM=	0.89	TEST=	0
INDE	21	38	23	FOBS=	46.3	SIGMA=	5.1	PHAS=	-167.5	FOM=	0.25	TEST=	0
INDE	21	38	25	FOBS=	72.4	SIGMA=	2.8	PHAS=	-173.0	FOM=	0.78	TEST=	0
INDE	21	38	27	FOBS=	87.9	SIGMA=	2.1	PHAS=	31.6	FOM=	0.39	TEST=	0
INDE	21	38	29	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	38	31	FOBS=	257.0	SIGMA=	0.8	PHAS=	-87.9	FOM=	0.94	TEST=	0
INDE	21	38	33	FOBS=	135.5	SIGMA=	1.6	PHAS=	117.4	FOM=	0.94	TEST=	0
INDE	21	38	35	FOBS=	91.1	SIGMA=	2.0	PHAS=	77.3	FOM=	0.94	TEST=	0
INDE	21	38	37	FOBS=	133.4	SIGMA=	1.4	PHAS=	-2.0	FOM=	0.90	TEST=	0
INDE	21	38	39	FOBS=	79.2	SIGMA=	2.3	PHAS=	-168.3	FOM=	0.69	TEST=	0
INDE	21	38	41	FOBS=	75.1	SIGMA=	2.3	PHAS=	152.9	FOM=	0.68	TEST=	0
INDE	21	38	43	FOBS=	104.2	SIGMA=	1.9	PHAS=	75.0	FOM=	0.93	TEST=	0
INDE	21	38	45	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	38	47	FOBS=	35.6	SIGMA=	5.6	PHAS=	161.3	FOM=	0.58	TEST=	0
INDE	21	38	49	FOBS=	46.5	SIGMA=	4.2	PHAS=	84.3	FOM=	0.44	TEST=	0
INDE	21	38	51	FOBS=	131.4	SIGMA=	1.6	PHAS=	129.8	FOM=	0.95	TEST=	0
INDE	21	38	53	FOBS=	56.5	SIGMA=	3.8	PHAS=	13.9	FOM=	0.25	TEST=	0
INDE	21	38	55	FOBS=	97.4	SIGMA=	2.3	PHAS=	-107.6	FOM=	0.37	TEST=	1
INDE	21	38	57	FOBS=	73.7	SIGMA=	2.7	PHAS=	-52.4	FOM=	0.84	TEST=	0
INDE	21	38	59	FOBS=	32.3	SIGMA=	6.6	PHAS=	-14.5	FOM=	0.59	TEST=	0
INDE	21	38	61	FOBS=	77.7	SIGMA=	2.9	PHAS=	38.3	FOM=	0.90	TEST=	0
INDE	21	38	63	FOBS=	93.8	SIGMA=	3.2	PHAS=	-17.1	FOM=	0.95	TEST=	0
INDE	21	39	22	FOBS=	99.6	SIGMA=	1.8	PHAS=	-155.8	FOM=	0.87	TEST=	0
INDE	21	39	24	FOBS=	176.2	SIGMA=	1.2	PHAS=	23.8	FOM=	0.92	TEST=	0
INDE	21	39	26	FOBS=	55.9	SIGMA=	3.2	PHAS=	-123.2	FOM=	0.89	TEST=	0
INDE	21	39	28	FOBS=	36.2	SIGMA=	5.2	PHAS=	12.6	FOM=	0.48	TEST=	0
INDE	21	39	30	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	21	39	32	FOBS=	91.9	SIGMA=	2.2	PHAS=	-42.6	FOM=	0.86	TEST=	0
INDE	21	39	34	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	39	36	FOBS=	200.9	SIGMA=	1.0	PHAS=	-81.3	FOM=	0.88	TEST=	0
INDE	21	39	38	FOBS=	43.2	SIGMA=	4.1	PHAS=	-28.0	FOM=	0.40	TEST=	0
INDE	21	39	40	FOBS=	71.5	SIGMA=	2.5	PHAS=	-151.1	FOM=	0.77	TEST=	0
INDE	21	39	42	FOBS=	63.8	SIGMA=	2.7	PHAS=	120.4	FOM=	0.89	TEST=	0
INDE	21	39	44	FOBS=	43.9	SIGMA=	4.5	PHAS=	50.1	FOM=	0.69	TEST=	0
INDE	21	39	46	FOBS=	113.3	SIGMA=	1.7	PHAS=	6.9	FOM=	0.91	TEST=	0
INDE	21	39	48	FOBS=	80.5	SIGMA=	2.4	PHAS=	28.7	FOM=	0.82	TEST=	0
INDE	21	39	50	FOBS=	115.8	SIGMA=	1.8	PHAS=	20.5	FOM=	0.93	TEST=	0
INDE	21	39	52	FOBS=	23.3	SIGMA=	11.0	PHAS=	51.0	FOM=	0.35	TEST=	0
INDE	21	39	54	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	21	39	56	FOBS=	108.9	SIGMA=	2.1	PHAS=	-71.6	FOM=	0.79	TEST=	0
INDE	21	39	58	FOBS=	34.7	SIGMA=	7.8	PHAS=	-82.1	FOM=	0.27	TEST=	0
INDE	21	39	60	FOBS=	62.4	SIGMA=	3.6	PHAS=	-23.9	FOM=	0.89	TEST=	0
INDE	21	39	62	FOBS=	128.1	SIGMA=	2.3	PHAS=	-147.2	FOM=	0.94	TEST=	0
INDE	21	40	21	FOBS=	105.2	SIGMA=	1.7	PHAS=	2.3	FOM=	0.86	TEST=	0
INDE	21	40	23	FOBS=	139.3	SIGMA=	1.3	PHAS=	8.5	FOM=	0.88	TEST=	0
INDE	21	40	25	FOBS=	223.3	SIGMA=	1.1	PHAS=	-155.2	FOM=	0.96	TEST=	0
INDE	21	40	27	FOBS=	104.0	SIGMA=	1.8	PHAS=	105.3	FOM=	0.86	TEST=	0
INDE	21	40	29	FOBS=	155.1	SIGMA=	1.3	PHAS=	-171.7	FOM=	0.91	TEST=	0
INDE	21	40	31	FOBS=	117.0	SIGMA=	1.8	PHAS=	-134.2	FOM=	0.87	TEST=	0
INDE	21	40	33	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	40	35	FOBS=	19.9	SIGMA=	9.5	PHAS=	34.1	FOM=	0.74	TEST=	1
INDE	21	40	37	FOBS=	180.3	SIGMA=	1.1	PHAS=	-150.6	FOM=	0.95	TEST=	0
INDE	21	40	39	FOBS=	119.2	SIGMA=	1.5	PHAS=	124.1	FOM=	0.91	TEST=	0
INDE	21	40	41	FOBS=	133.4	SIGMA=	1.4	PHAS=	84.1	FOM=	0.90	TEST=	0
INDE	21	40	43	FOBS=	70.3	SIGMA=	2.5	PHAS=	-19.8	FOM=	0.87	TEST=	0
INDE	21	40	45	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	40	47	FOBS=	71.6	SIGMA=	2.6	PHAS=	-98.6	FOM=	0.70	TEST=	0
INDE	21	40	49	FOBS=	117.8	SIGMA=	1.8	PHAS=	-65.4	FOM=	0.92	TEST=	0
INDE	21	40	51	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	40	53	FOBS=	19.5	SIGMA=	10.9	PHAS=	-148.8	FOM=	0.20	TEST=	0
INDE	21	40	55	FOBS=	0.0	SIGMA=	25.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	40	57	FOBS=	28.4	SIGMA=	9.4	PHAS=	124.3	FOM=	0.04	TEST=	0
INDE	21	40	59	FOBS=	45.7	SIGMA=	5.0	PHAS=	162.6	FOM=	0.55	TEST=	0
INDE	21	40	61	FOBS=	47.6	SIGMA=	7.0	PHAS=	51.2	FOM=	0.77	TEST=	0
INDE	21	40	63	FOBS=	60.0	SIGMA=	5.4	PHAS=	-73.3	FOM=	0.17	TEST=	1
INDE	21	41	22	FOBS=	170.6	SIGMA=	1.1	PHAS=	-116.5	FOM=	0.89	TEST=	0

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INDE	21	41	24	FOBS=	105.1	SIGMA=	1.7	PHAS=	-33.2	FOM=	0.81	TEST=	0
INDE	21	41	26	FOBS=	117.2	SIGMA=	1.7	PHAS=	-177.0	FOM=	0.84	TEST=	0
INDE	21	41	28	FOBS=	231.2	SIGMA=	1.0	PHAS=	82.4	FOM=	0.96	TEST=	0
INDE	21	41	30	FOBS=	110.8	SIGMA=	1.8	PHAS=	79.6	FOM=	0.81	TEST=	0
INDE	21	41	32	FOBS=	80.6	SIGMA=	2.5	PHAS=	-78.1	FOM=	0.61	TEST=	0
INDE	21	41	34	FOBS=	182.0	SIGMA=	1.2	PHAS=	-119.2	FOM=	0.95	TEST=	0
INDE	21	41	36	FOBS=	25.4	SIGMA=	7.4	PHAS=	59.3	FOM=	0.64	TEST=	0
INDE	21	41	38	FOBS=	111.8	SIGMA=	1.6	PHAS=	50.3	FOM=	0.94	TEST=	0
INDE	21	41	40	FOBS=	92.0	SIGMA=	2.0	PHAS=	13.7	FOM=	0.87	TEST=	0
INDE	21	41	42	FOBS=	56.3	SIGMA=	3.1	PHAS=	-163.2	FOM=	0.86	TEST=	0
INDE	21	41	44	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	21	41	46	FOBS=	45.2	SIGMA=	4.2	PHAS=	72.5	FOM=	0.43	TEST=	0
INDE	21	41	48	FOBS=	64.5	SIGMA=	3.0	PHAS=	-173.5	FOM=	0.66	TEST=	0
INDE	21	41	50	FOBS=	65.9	SIGMA=	3.0	PHAS=	-171.7	FOM=	0.81	TEST=	0
INDE	21	41	52	FOBS=	57.7	SIGMA=	3.8	PHAS=	-172.3	FOM=	0.74	TEST=	1
INDE	21	41	54	FOBS=	58.7	SIGMA=	4.2	PHAS=	15.1	FOM=	0.77	TEST=	0
INDE	21	41	56	FOBS=	30.6	SIGMA=	10.5	PHAS=	86.4	FOM=	0.18	TEST=	0
INDE	21	41	58	FOBS=	0.0	SIGMA=	25.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	41	60	FOBS=	66.9	SIGMA=	4.8	PHAS=	15.7	FOM=	0.93	TEST=	0
INDE	21	41	62	FOBS=	0.0	SIGMA=	25.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	42	21	FOBS=	24.1	SIGMA=	7.3	PHAS=	105.4	FOM=	0.01	TEST=	0
INDE	21	42	23	FOBS=	47.8	SIGMA=	3.9	PHAS=	-86.2	FOM=	0.08	TEST=	0
INDE	21	42	25	FOBS=	146.0	SIGMA=	1.3	PHAS=	147.1	FOM=	0.92	TEST=	0
INDE	21	42	27	FOBS=	26.3	SIGMA=	8.5	PHAS=	-38.0	FOM=	0.38	TEST=	0
INDE	21	42	29	FOBS=	56.9	SIGMA=	3.4	PHAS=	-16.1	FOM=	0.61	TEST=	0
INDE	21	42	31	FOBS=	42.1	SIGMA=	4.7	PHAS=	37.2	FOM=	0.64	TEST=	0
INDE	21	42	33	FOBS=	237.9	SIGMA=	1.0	PHAS=	164.6	FOM=	0.97	TEST=	0
INDE	21	42	35	FOBS=	106.2	SIGMA=	1.9	PHAS=	24.3	FOM=	0.91	TEST=	0
INDE	21	42	37	FOBS=	140.8	SIGMA=	1.4	PHAS=	-56.6	FOM=	0.91	TEST=	0
INDE	21	42	39	FOBS=	25.4	SIGMA=	6.9	PHAS=	-154.0	FOM=	0.33	TEST=	0
INDE	21	42	41	FOBS=	52.5	SIGMA=	3.3	PHAS=	12.0	FOM=	0.36	TEST=	0
INDE	21	42	43	FOBS=	25.0	SIGMA=	7.2	PHAS=	32.6	FOM=	0.45	TEST=	0
INDE	21	42	45	FOBS=	114.0	SIGMA=	1.6	PHAS=	89.1	FOM=	0.90	TEST=	0
INDE	21	42	47	FOBS=	111.1	SIGMA=	1.8	PHAS=	52.8	FOM=	0.90	TEST=	0
INDE	21	42	49	FOBS=	69.1	SIGMA=	2.8	PHAS=	124.4	FOM=	0.87	TEST=	0
INDE	21	42	51	FOBS=	96.2	SIGMA=	2.3	PHAS=	122.5	FOM=	0.96	TEST=	0
INDE	21	42	53	FOBS=	85.0	SIGMA=	2.9	PHAS=	-130.2	FOM=	0.79	TEST=	0
INDE	21	42	55	FOBS=	44.5	SIGMA=	5.5	PHAS=	2.5	FOM=	0.74	TEST=	0
INDE	21	42	57	FOBS=	63.1	SIGMA=	4.0	PHAS=	-33.0	FOM=	0.85	TEST=	0
INDE	21	42	59	FOBS=	83.3	SIGMA=	2.8	PHAS=	-89.2	FOM=	0.88	TEST=	0
INDE	21	42	61	FOBS=	27.7	SIGMA=	12.2	PHAS=	-6.5	FOM=	0.44	TEST=	0
INDE	21	43	22	FOBS=	261.4	SIGMA=	0.8	PHAS=	-119.4	FOM=	0.94	TEST=	0
INDE	21	43	24	FOBS=	98.5	SIGMA=	2.0	PHAS=	-64.1	FOM=	0.90	TEST=	0
INDE	21	43	26	FOBS=	65.8	SIGMA=	2.9	PHAS=	88.7	FOM=	0.92	TEST=	0
INDE	21	43	28	FOBS=	158.3	SIGMA=	1.4	PHAS=	149.9	FOM=	0.89	TEST=	0
INDE	21	43	30	FOBS=	94.8	SIGMA=	2.1	PHAS=	-78.4	FOM=	0.87	TEST=	1
INDE	21	43	32	FOBS=	108.3	SIGMA=	1.9	PHAS=	28.1	FOM=	0.92	TEST=	0
INDE	21	43	34	FOBS=	91.5	SIGMA=	2.2	PHAS=	-60.4	FOM=	0.91	TEST=	0
INDE	21	43	36	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	43	38	FOBS=	59.9	SIGMA=	3.0	PHAS=	68.7	FOM=	0.05	TEST=	1
INDE	21	43	40	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	43	42	FOBS=	130.6	SIGMA=	1.4	PHAS=	-145.3	FOM=	0.91	TEST=	0
INDE	21	43	44	FOBS=	78.0	SIGMA=	2.2	PHAS=	-33.0	FOM=	0.88	TEST=	0
INDE	21	43	46	FOBS=	95.1	SIGMA=	1.9	PHAS=	-39.6	FOM=	0.83	TEST=	0
INDE	21	43	48	FOBS=	35.9	SIGMA=	5.7	PHAS=	-38.6	FOM=	0.52	TEST=	0
INDE	21	43	50	FOBS=	164.0	SIGMA=	1.6	PHAS=	71.9	FOM=	0.98	TEST=	0
INDE	21	43	52	FOBS=	52.7	SIGMA=	5.2	PHAS=	-13.1	FOM=	0.35	TEST=	0
INDE	21	43	54	FOBS=	125.9	SIGMA=	2.1	PHAS=	20.3	FOM=	0.88	TEST=	0
INDE	21	43	56	FOBS=	6.6	SIGMA=	37.1	PHAS=	-125.9	FOM=	0.16	TEST=	0
INDE	21	43	58	FOBS=	16.4	SIGMA=	14.0	PHAS=	-90.5	FOM=	0.30	TEST=	0
INDE	21	43	60	FOBS=	60.3	SIGMA=	4.8	PHAS=	-4.2	FOM=	0.72	TEST=	0
INDE	21	44	21	FOBS=	290.7	SIGMA=	0.9	PHAS=	157.6	FOM=	0.23	TEST=	1
INDE	21	44	23	FOBS=	120.2	SIGMA=	1.7	PHAS=	145.8	FOM=	0.91	TEST=	1
INDE	21	44	25	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	44	27	FOBS=	78.4	SIGMA=	2.5	PHAS=	-33.0	FOM=	0.95	TEST=	0
INDE	21	44	29	FOBS=	47.8	SIGMA=	3.8	PHAS=	-177.5	FOM=	0.24	TEST=	0
INDE	21	44	31	FOBS=	85.1	SIGMA=	2.3	PHAS=	93.4	FOM=	0.91	TEST=	0
INDE	21	44	33	FOBS=	138.6	SIGMA=	1.5	PHAS=	-154.5	FOM=	0.89	TEST=	0
INDE	21	44	35	FOBS=	67.8	SIGMA=	2.9	PHAS=	-80.1	FOM=	0.71	TEST=	1
INDE	21	44	37	FOBS=	74.5	SIGMA=	2.4	PHAS=	-38.3	FOM=	0.89	TEST=	0

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INDE	21	44	39	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	44	41	FOBS=	107.0	SIGMA=	1.7	PHAS=	131.8	FOM=	0.92	TEST=	0
INDE	21	44	43	FOBS=	50.6	SIGMA=	3.4	PHAS=	119.4	FOM=	0.83	TEST=	0
INDE	21	44	45	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	44	47	FOBS=	94.3	SIGMA=	2.1	PHAS=	86.2	FOM=	0.91	TEST=	0
INDE	21	44	49	FOBS=	70.5	SIGMA=	3.3	PHAS=	-18.0	FOM=	0.90	TEST=	0
INDE	21	44	51	FOBS=	74.7	SIGMA=	3.3	PHAS=	55.9	FOM=	0.79	TEST=	0
INDE	21	44	53	FOBS=	59.7	SIGMA=	4.2	PHAS=	-105.3	FOM=	0.81	TEST=	0
INDE	21	44	55	FOBS=	59.3	SIGMA=	4.2	PHAS=	-38.7	FOM=	0.77	TEST=	0
INDE	21	44	57	FOBS=	37.2	SIGMA=	6.8	PHAS=	120.0	FOM=	0.74	TEST=	0
INDE	21	44	59	FOBS=	41.5	SIGMA=	6.9	PHAS=	-115.8	FOM=	0.71	TEST=	0
INDE	21	45	22	FOBS=	112.8	SIGMA=	1.7	PHAS=	54.7	FOM=	0.63	TEST=	0
INDE	21	45	24	FOBS=	99.5	SIGMA=	2.0	PHAS=	-44.0	FOM=	0.70	TEST=	0
INDE	21	45	26	FOBS=	91.5	SIGMA=	2.1	PHAS=	-170.0	FOM=	0.55	TEST=	1
INDE	21	45	28	FOBS=	78.9	SIGMA=	2.4	PHAS=	150.0	FOM=	0.95	TEST=	0
INDE	21	45	30	FOBS=	29.9	SIGMA=	6.4	PHAS=	-53.1	FOM=	0.37	TEST=	0
INDE	21	45	32	FOBS=	31.5	SIGMA=	6.1	PHAS=	65.8	FOM=	0.67	TEST=	0
INDE	21	45	34	FOBS=	105.2	SIGMA=	1.9	PHAS=	-152.7	FOM=	0.92	TEST=	0
INDE	21	45	36	FOBS=	128.6	SIGMA=	1.6	PHAS=	-172.6	FOM=	0.66	TEST=	0
INDE	21	45	38	FOBS=	85.4	SIGMA=	2.1	PHAS=	-76.5	FOM=	0.75	TEST=	1
INDE	21	45	40	FOBS=	37.0	SIGMA=	5.0	PHAS=	179.3	FOM=	0.44	TEST=	0
INDE	21	45	42	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	45	44	FOBS=	25.9	SIGMA=	7.5	PHAS=	-35.1	FOM=	0.12	TEST=	0
INDE	21	45	46	FOBS=	26.0	SIGMA=	7.6	PHAS=	-12.6	FOM=	0.53	TEST=	0
INDE	21	45	48	FOBS=	89.3	SIGMA=	2.3	PHAS=	-71.8	FOM=	0.91	TEST=	0
INDE	21	45	50	FOBS=	95.8	SIGMA=	2.5	PHAS=	8.6	FOM=	0.92	TEST=	0
INDE	21	45	52	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	45	54	FOBS=	62.5	SIGMA=	4.0	PHAS=	-94.8	FOM=	0.85	TEST=	0
INDE	21	45	56	FOBS=	61.4	SIGMA=	4.6	PHAS=	35.8	FOM=	0.78	TEST=	0
INDE	21	45	58	FOBS=	25.2	SIGMA=	11.4	PHAS=	-43.8	FOM=	0.36	TEST=	0
INDE	21	46	21	FOBS=	13.0	SIGMA=	14.5	PHAS=	26.3	FOM=	0.15	TEST=	0
INDE	21	46	23	FOBS=	44.6	SIGMA=	4.5	PHAS=	1.2	FOM=	0.13	TEST=	0
INDE	21	46	25	FOBS=	133.1	SIGMA=	1.5	PHAS=	-153.9	FOM=	0.85	TEST=	0
INDE	21	46	27	FOBS=	123.5	SIGMA=	1.6	PHAS=	-166.9	FOM=	0.92	TEST=	0
INDE	21	46	29	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	46	31	FOBS=	86.8	SIGMA=	2.0	PHAS=	-29.6	FOM=	0.09	TEST=	1
INDE	21	46	33	FOBS=	73.9	SIGMA=	2.7	PHAS=	-51.2	FOM=	0.36	TEST=	1
INDE	21	46	35	FOBS=	7.9	SIGMA=	24.3	PHAS=	114.8	FOM=	0.16	TEST=	0
INDE	21	46	37	FOBS=	99.4	SIGMA=	2.0	PHAS=	-33.3	FOM=	0.59	TEST=	0
INDE	21	46	39	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	46	41	FOBS=	59.1	SIGMA=	3.2	PHAS=	153.5	FOM=	0.77	TEST=	0
INDE	21	46	43	FOBS=	39.6	SIGMA=	6.0	PHAS=	67.5	FOM=	0.46	TEST=	0
INDE	21	46	45	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	46	47	FOBS=	24.4	SIGMA=	8.7	PHAS=	-95.7	FOM=	0.39	TEST=	0
INDE	21	46	49	FOBS=	92.2	SIGMA=	2.2	PHAS=	-129.4	FOM=	0.93	TEST=	0
INDE	21	46	51	FOBS=	86.2	SIGMA=	3.0	PHAS=	-117.2	FOM=	0.89	TEST=	0
INDE	21	46	53	FOBS=	35.6	SIGMA=	7.0	PHAS=	-31.3	FOM=	0.28	TEST=	1
INDE	21	46	55	FOBS=	76.9	SIGMA=	3.3	PHAS=	56.0	FOM=	0.86	TEST=	0
INDE	21	46	57	FOBS=	56.3	SIGMA=	6.0	PHAS=	176.3	FOM=	0.76	TEST=	0
INDE	21	46	59	FOBS=	67.5	SIGMA=	5.1	PHAS=	-141.4	FOM=	0.70	TEST=	0
INDE	21	47	22	FOBS=	142.0	SIGMA=	1.4	PHAS=	148.4	FOM=	0.94	TEST=	0
INDE	21	47	24	FOBS=	102.4	SIGMA=	1.9	PHAS=	157.3	FOM=	0.79	TEST=	0
INDE	21	47	26	FOBS=	177.0	SIGMA=	1.2	PHAS=	133.3	FOM=	0.96	TEST=	0
INDE	21	47	28	FOBS=	97.6	SIGMA=	2.0	PHAS=	-140.9	FOM=	0.88	TEST=	0
INDE	21	47	30	FOBS=	116.9	SIGMA=	1.7	PHAS=	-68.3	FOM=	0.16	TEST=	1
INDE	21	47	32	FOBS=	142.0	SIGMA=	1.3	PHAS=	-140.1	FOM=	0.88	TEST=	0
INDE	21	47	34	FOBS=	43.7	SIGMA=	4.4	PHAS=	-71.1	FOM=	0.59	TEST=	0
INDE	21	47	36	FOBS=	36.4	SIGMA=	6.9	PHAS=	-140.7	FOM=	0.69	TEST=	0
INDE	21	47	38	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	21	47	40	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	21	47	42	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	47	44	FOBS=	39.2	SIGMA=	5.5	PHAS=	-6.4	FOM=	0.34	TEST=	0
INDE	21	47	46	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	47	48	FOBS=	64.0	SIGMA=	3.2	PHAS=	171.0	FOM=	0.91	TEST=	0
INDE	21	47	50	FOBS=	77.2	SIGMA=	2.6	PHAS=	171.3	FOM=	0.88	TEST=	0
INDE	21	47	52	FOBS=	37.0	SIGMA=	6.8	PHAS=	120.2	FOM=	0.68	TEST=	0
INDE	21	47	54	FOBS=	105.1	SIGMA=	2.5	PHAS=	-33.3	FOM=	0.94	TEST=	0
INDE	21	47	56	FOBS=	86.9	SIGMA=	3.4	PHAS=	9.6	FOM=	0.94	TEST=	0
INDE	21	47	58	FOBS=	103.8	SIGMA=	2.9	PHAS=	113.2	FOM=	0.41	TEST=	1
INDE	21	48	21	FOBS=	173.4	SIGMA=	1.1	PHAS=	68.8	FOM=	0.94	TEST=	0

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INDE	21	48	23	FOBS=	230.9	SIGMA=	1.0	PHAS=	59.7	FOM=	0.98	TEST=	0
INDE	21	48	25	FOBS=	113.0	SIGMA=	1.8	PHAS=	57.3	FOM=	0.90	TEST=	0
INDE	21	48	27	FOBS=	215.1	SIGMA=	1.0	PHAS=	138.6	FOM=	0.96	TEST=	0
INDE	21	48	29	FOBS=	126.8	SIGMA=	1.6	PHAS=	174.9	FOM=	0.89	TEST=	0
INDE	21	48	31	FOBS=	89.9	SIGMA=	2.0	PHAS=	163.7	FOM=	0.91	TEST=	0
INDE	21	48	33	FOBS=	62.2	SIGMA=	2.9	PHAS=	-127.3	FOM=	0.86	TEST=	0
INDE	21	48	35	FOBS=	41.0	SIGMA=	6.0	PHAS=	159.8	FOM=	0.37	TEST=	0
INDE	21	48	37	FOBS=	44.7	SIGMA=	5.8	PHAS=	153.9	FOM=	0.68	TEST=	0
INDE	21	48	39	FOBS=	42.8	SIGMA=	5.0	PHAS=	-132.4	FOM=	0.50	TEST=	0
INDE	21	48	41	FOBS=	37.7	SIGMA=	5.4	PHAS=	141.2	FOM=	0.60	TEST=	0
INDE	21	48	43	FOBS=	36.7	SIGMA=	5.4	PHAS=	-85.9	FOM=	0.60	TEST=	0
INDE	21	48	45	FOBS=	88.5	SIGMA=	2.3	PHAS=	-92.3	FOM=	0.90	TEST=	0
INDE	21	48	47	FOBS=	43.6	SIGMA=	4.6	PHAS=	132.8	FOM=	0.49	TEST=	0
INDE	21	48	49	FOBS=	51.1	SIGMA=	3.9	PHAS=	68.7	FOM=	0.85	TEST=	0
INDE	21	48	51	FOBS=	51.0	SIGMA=	3.9	PHAS=	113.4	FOM=	0.82	TEST=	0
INDE	21	48	53	FOBS=	97.6	SIGMA=	2.7	PHAS=	-94.5	FOM=	0.94	TEST=	0
INDE	21	48	55	FOBS=	99.3	SIGMA=	3.0	PHAS=	-107.6	FOM=	0.95	TEST=	0
INDE	21	48	57	FOBS=	32.6	SIGMA=	9.0	PHAS=	-59.8	FOM=	0.50	TEST=	0
INDE	21	49	22	FOBS=	170.5	SIGMA=	1.2	PHAS=	-63.3	FOM=	0.94	TEST=	0
INDE	21	49	24	FOBS=	72.9	SIGMA=	2.6	PHAS=	-96.2	FOM=	0.80	TEST=	0
INDE	21	49	26	FOBS=	148.4	SIGMA=	1.4	PHAS=	55.4	FOM=	0.96	TEST=	0
INDE	21	49	28	FOBS=	56.2	SIGMA=	3.6	PHAS=	57.8	FOM=	0.51	TEST=	0
INDE	21	49	30	FOBS=	49.3	SIGMA=	4.1	PHAS=	106.2	FOM=	0.27	TEST=	0
INDE	21	49	32	FOBS=	70.2	SIGMA=	2.8	PHAS=	5.5	FOM=	0.51	TEST=	1
INDE	21	49	34	FOBS=	79.1	SIGMA=	2.5	PHAS=	104.3	FOM=	0.64	TEST=	0
INDE	21	49	36	FOBS=	98.0	SIGMA=	2.4	PHAS=	120.9	FOM=	0.81	TEST=	1
INDE	21	49	38	FOBS=	60.7	SIGMA=	3.8	PHAS=	138.6	FOM=	0.84	TEST=	0
INDE	21	49	40	FOBS=	36.1	SIGMA=	5.8	PHAS=	-12.2	FOM=	0.63	TEST=	0
INDE	21	49	42	FOBS=	68.1	SIGMA=	3.0	PHAS=	161.3	FOM=	0.85	TEST=	0
INDE	21	49	44	FOBS=	149.9	SIGMA=	1.4	PHAS=	167.9	FOM=	0.96	TEST=	0
INDE	21	49	46	FOBS=	31.8	SIGMA=	6.4	PHAS=	-6.4	FOM=	0.02	TEST=	1
INDE	21	49	48	FOBS=	14.5	SIGMA=	13.9	PHAS=	127.9	FOM=	0.13	TEST=	0
INDE	21	49	50	FOBS=	91.2	SIGMA=	2.3	PHAS=	-7.1	FOM=	0.91	TEST=	0
INDE	21	49	52	FOBS=	39.2	SIGMA=	5.6	PHAS=	60.9	FOM=	0.06	TEST=	0
INDE	21	49	54	FOBS=	12.2	SIGMA=	23.5	PHAS=	156.4	FOM=	0.13	TEST=	0
INDE	21	49	56	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	50	21	FOBS=	45.5	SIGMA=	4.2	PHAS=	2.5	FOM=	0.16	TEST=	0
INDE	21	50	23	FOBS=	32.4	SIGMA=	6.2	PHAS=	-53.0	FOM=	0.17	TEST=	0
INDE	21	50	25	FOBS=	37.4	SIGMA=	6.3	PHAS=	51.9	FOM=	0.13	TEST=	0
INDE	21	50	27	FOBS=	5.5	SIGMA=	43.2	PHAS=	-149.0	FOM=	0.07	TEST=	0
INDE	21	50	29	FOBS=	168.1	SIGMA=	1.4	PHAS=	-139.0	FOM=	0.97	TEST=	0
INDE	21	50	31	FOBS=	138.9	SIGMA=	1.7	PHAS=	123.3	FOM=	0.95	TEST=	0
INDE	21	50	33	FOBS=	69.1	SIGMA=	2.8	PHAS=	-101.5	FOM=	0.89	TEST=	0
INDE	21	50	35	FOBS=	85.9	SIGMA=	2.3	PHAS=	-30.6	FOM=	0.91	TEST=	0
INDE	21	50	37	FOBS=	56.6	SIGMA=	4.0	PHAS=	49.3	FOM=	0.56	TEST=	0
INDE	21	50	39	FOBS=	25.6	SIGMA=	8.9	PHAS=	-17.2	FOM=	0.12	TEST=	0
INDE	21	50	41	FOBS=	65.3	SIGMA=	3.1	PHAS=	65.3	FOM=	0.86	TEST=	0
INDE	21	50	43	FOBS=	106.1	SIGMA=	2.0	PHAS=	139.5	FOM=	0.88	TEST=	0
INDE	21	50	45	FOBS=	57.1	SIGMA=	3.6	PHAS=	-10.6	FOM=	0.82	TEST=	0
INDE	21	50	47	FOBS=	44.4	SIGMA=	4.6	PHAS=	85.8	FOM=	0.65	TEST=	0
INDE	21	50	49	FOBS=	55.2	SIGMA=	3.7	PHAS=	-36.6	FOM=	0.86	TEST=	0
INDE	21	50	51	FOBS=	88.3	SIGMA=	2.4	PHAS=	-87.5	FOM=	0.92	TEST=	0
INDE	21	50	53	FOBS=	76.8	SIGMA=	3.2	PHAS=	-29.3	FOM=	0.88	TEST=	0
INDE	21	50	55	FOBS=	63.5	SIGMA=	5.6	PHAS=	-19.7	FOM=	0.88	TEST=	0
INDE	21	51	22	FOBS=	70.5	SIGMA=	3.1	PHAS=	-75.8	FOM=	0.89	TEST=	0
INDE	21	51	24	FOBS=	45.3	SIGMA=	5.1	PHAS=	-160.4	FOM=	0.77	TEST=	0
INDE	21	51	26	FOBS=	74.0	SIGMA=	2.9	PHAS=	41.2	FOM=	0.85	TEST=	0
INDE	21	51	28	FOBS=	122.8	SIGMA=	1.8	PHAS=	79.4	FOM=	0.92	TEST=	0
INDE	21	51	30	FOBS=	116.3	SIGMA=	1.9	PHAS=	132.6	FOM=	0.94	TEST=	0
INDE	21	51	32	FOBS=	94.3	SIGMA=	2.3	PHAS=	24.2	FOM=	0.88	TEST=	0
INDE	21	51	34	FOBS=	153.1	SIGMA=	1.3	PHAS=	158.2	FOM=	0.64	TEST=	1
INDE	21	51	36	FOBS=	39.4	SIGMA=	5.1	PHAS=	38.8	FOM=	0.16	TEST=	0
INDE	21	51	38	FOBS=	21.6	SIGMA=	10.3	PHAS=	164.2	FOM=	0.17	TEST=	0
INDE	21	51	40	FOBS=	55.4	SIGMA=	4.2	PHAS=	-57.5	FOM=	0.64	TEST=	0
INDE	21	51	42	FOBS=	44.9	SIGMA=	5.1	PHAS=	9.7	FOM=	0.71	TEST=	0
INDE	21	51	44	FOBS=	96.6	SIGMA=	2.2	PHAS=	155.5	FOM=	0.90	TEST=	0
INDE	21	51	46	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	51	48	FOBS=	39.5	SIGMA=	5.1	PHAS=	-15.8	FOM=	0.59	TEST=	0
INDE	21	51	50	FOBS=	15.4	SIGMA=	15.5	PHAS=	-50.9	FOM=	0.19	TEST=	0
INDE	21	51	52	FOBS=	55.4	SIGMA=	4.5	PHAS=	-148.5	FOM=	0.91	TEST=	0

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INDE	21	51	54	FOBS=	102.1	SIGMA=	3.2	PHAS=	-85.4	FOM=	0.92	TEST=	0
INDE	21	52	21	FOBS=	76.7	SIGMA=	2.4	PHAS=	-143.3	FOM=	0.88	TEST=	0
INDE	21	52	23	FOBS=	70.8	SIGMA=	3.0	PHAS=	-125.1	FOM=	0.82	TEST=	0
INDE	21	52	25	FOBS=	55.8	SIGMA=	3.9	PHAS=	-127.2	FOM=	0.89	TEST=	0
INDE	21	52	27	FOBS=	175.4	SIGMA=	1.4	PHAS=	-66.9	FOM=	0.97	TEST=	0
INDE	21	52	29	FOBS=	57.7	SIGMA=	3.8	PHAS=	-99.2	FOM=	0.53	TEST=	0
INDE	21	52	31	FOBS=	97.3	SIGMA=	2.3	PHAS=	37.3	FOM=	0.81	TEST=	0
INDE	21	52	33	FOBS=	58.8	SIGMA=	3.5	PHAS=	15.0	FOM=	0.61	TEST=	0
INDE	21	52	35	FOBS=	66.5	SIGMA=	2.9	PHAS=	25.5	FOM=	0.46	TEST=	0
INDE	21	52	37	FOBS=	46.7	SIGMA=	4.1	PHAS=	-4.1	FOM=	0.47	TEST=	0
INDE	21	52	39	FOBS=	32.5	SIGMA=	9.9	PHAS=	-27.2	FOM=	0.23	TEST=	0
INDE	21	52	41	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	52	43	FOBS=	11.7	SIGMA=	17.5	PHAS=	177.4	FOM=	0.21	TEST=	0
INDE	21	52	45	FOBS=	58.2	SIGMA=	3.9	PHAS=	25.1	FOM=	0.89	TEST=	0
INDE	21	52	47	FOBS=	29.6	SIGMA=	7.6	PHAS=	-17.1	FOM=	0.15	TEST=	0
INDE	21	52	49	FOBS=	71.8	SIGMA=	3.2	PHAS=	-73.1	FOM=	0.84	TEST=	0
INDE	21	52	51	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	52	53	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	53	22	FOBS=	56.5	SIGMA=	3.6	PHAS=	102.5	FOM=	0.77	TEST=	0
INDE	21	53	24	FOBS=	133.3	SIGMA=	1.7	PHAS=	151.5	FOM=	0.95	TEST=	0
INDE	21	53	26	FOBS=	42.9	SIGMA=	5.0	PHAS=	85.3	FOM=	0.37	TEST=	0
INDE	21	53	28	FOBS=	52.5	SIGMA=	4.1	PHAS=	-178.2	FOM=	0.81	TEST=	0
INDE	21	53	30	FOBS=	57.5	SIGMA=	3.8	PHAS=	-48.2	FOM=	0.75	TEST=	0
INDE	21	53	32	FOBS=	86.8	SIGMA=	2.5	PHAS=	-18.5	FOM=	0.93	TEST=	0
INDE	21	53	34	FOBS=	72.2	SIGMA=	2.7	PHAS=	117.3	FOM=	0.80	TEST=	0
INDE	21	53	36	FOBS=	10.5	SIGMA=	19.6	PHAS=	-15.0	FOM=	0.16	TEST=	0
INDE	21	53	38	FOBS=	61.2	SIGMA=	3.1	PHAS=	-91.7	FOM=	0.60	TEST=	0
INDE	21	53	40	FOBS=	59.7	SIGMA=	3.9	PHAS=	-148.1	FOM=	0.59	TEST=	0
INDE	21	53	42	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	53	44	FOBS=	29.0	SIGMA=	7.8	PHAS=	-145.4	FOM=	0.35	TEST=	0
INDE	21	53	46	FOBS=	0.0	SIGMA=	24.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	53	48	FOBS=	39.8	SIGMA=	6.4	PHAS=	145.8	FOM=	0.42	TEST=	0
INDE	21	53	50	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	53	52	FOBS=	46.4	SIGMA=	7.0	PHAS=	-178.7	FOM=	0.57	TEST=	0
INDE	21	54	21	FOBS=	59.0	SIGMA=	3.4	PHAS=	37.8	FOM=	0.55	TEST=	0
INDE	21	54	23	FOBS=	141.3	SIGMA=	1.6	PHAS=	-34.1	FOM=	0.95	TEST=	0
INDE	21	54	25	FOBS=	69.6	SIGMA=	3.1	PHAS=	7.4	FOM=	0.81	TEST=	0
INDE	21	54	27	FOBS=	108.3	SIGMA=	2.0	PHAS=	-41.3	FOM=	0.93	TEST=	0
INDE	21	54	29	FOBS=	91.6	SIGMA=	2.4	PHAS=	-51.8	FOM=	0.85	TEST=	0
INDE	21	54	31	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	54	33	FOBS=	78.4	SIGMA=	2.8	PHAS=	-63.7	FOM=	0.85	TEST=	0
INDE	21	54	35	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	54	37	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	54	39	FOBS=	78.8	SIGMA=	2.7	PHAS=	162.5	FOM=	0.87	TEST=	0
INDE	21	54	41	FOBS=	35.6	SIGMA=	8.4	PHAS=	172.2	FOM=	0.44	TEST=	0
INDE	21	54	43	FOBS=	10.5	SIGMA=	28.5	PHAS=	97.1	FOM=	0.20	TEST=	0
INDE	21	54	45	FOBS=	56.8	SIGMA=	4.5	PHAS=	60.4	FOM=	0.63	TEST=	0
INDE	21	54	47	FOBS=	52.5	SIGMA=	4.8	PHAS=	-169.3	FOM=	0.48	TEST=	0
INDE	21	54	49	FOBS=	73.6	SIGMA=	3.5	PHAS=	26.3	FOM=	0.86	TEST=	0
INDE	21	54	51	FOBS=	50.5	SIGMA=	6.4	PHAS=	49.8	FOM=	0.02	TEST=	1
INDE	21	55	22	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	55	24	FOBS=	83.6	SIGMA=	2.6	PHAS=	-123.3	FOM=	0.91	TEST=	0
INDE	21	55	26	FOBS=	125.2	SIGMA=	1.8	PHAS=	-48.6	FOM=	0.81	TEST=	0
INDE	21	55	28	FOBS=	85.7	SIGMA=	2.8	PHAS=	-157.8	FOM=	0.86	TEST=	0
INDE	21	55	30	FOBS=	56.0	SIGMA=	3.9	PHAS=	-115.7	FOM=	0.84	TEST=	0
INDE	21	55	32	FOBS=	18.6	SIGMA=	12.9	PHAS=	35.8	FOM=	0.41	TEST=	0
INDE	21	55	34	FOBS=	59.7	SIGMA=	4.1	PHAS=	175.8	FOM=	0.87	TEST=	0
INDE	21	55	36	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	55	38	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	55	40	FOBS=	71.9	SIGMA=	3.2	PHAS=	80.7	FOM=	0.91	TEST=	0
INDE	21	55	42	FOBS=	29.8	SIGMA=	10.2	PHAS=	85.5	FOM=	0.55	TEST=	0
INDE	21	55	44	FOBS=	58.7	SIGMA=	4.3	PHAS=	-28.9	FOM=	0.79	TEST=	0
INDE	21	55	46	FOBS=	97.3	SIGMA=	2.7	PHAS=	38.6	FOM=	0.93	TEST=	0
INDE	21	55	48	FOBS=	0.0	SIGMA=	25.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	55	50	FOBS=	63.1	SIGMA=	5.3	PHAS=	-15.2	FOM=	0.81	TEST=	0
INDE	21	56	21	FOBS=	29.4	SIGMA=	8.2	PHAS=	-104.6	FOM=	0.10	TEST=	1
INDE	21	56	23	FOBS=	56.4	SIGMA=	3.7	PHAS=	-154.8	FOM=	0.65	TEST=	0
INDE	21	56	25	FOBS=	13.6	SIGMA=	16.5	PHAS=	-83.1	FOM=	0.13	TEST=	0
INDE	21	56	27	FOBS=	84.1	SIGMA=	2.6	PHAS=	-56.2	FOM=	0.84	TEST=	0
INDE	21	56	29	FOBS=	67.1	SIGMA=	3.6	PHAS=	5.1	FOM=	0.50	TEST=	0

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INDE	21	56	31	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	21	56	33	FOBS=	69.5	SIGMA=	4.0	PHAS=	103.2	FOM=	0.40	TEST=	0
INDE	21	56	35	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	56	37	FOBS=	37.4	SIGMA=	6.0	PHAS=	-107.0	FOM=	0.61	TEST=	0
INDE	21	56	39	FOBS=	58.3	SIGMA=	4.0	PHAS=	-45.2	FOM=	0.51	TEST=	0
INDE	21	56	41	FOBS=	52.7	SIGMA=	5.1	PHAS=	-0.6	FOM=	0.42	TEST=	1
INDE	21	56	43	FOBS=	43.7	SIGMA=	5.7	PHAS=	-75.0	FOM=	0.15	TEST=	1
INDE	21	56	45	FOBS=	69.1	SIGMA=	3.8	PHAS=	-79.6	FOM=	0.90	TEST=	0
INDE	21	56	47	FOBS=	42.6	SIGMA=	7.6	PHAS=	-101.7	FOM=	0.57	TEST=	0
INDE	21	56	49	FOBS=	35.0	SIGMA=	11.4	PHAS=	-41.4	FOM=	0.52	TEST=	0
INDE	21	57	22	FOBS=	37.5	SIGMA=	7.1	PHAS=	83.2	FOM=	0.43	TEST=	0
INDE	21	57	24	FOBS=	54.2	SIGMA=	4.3	PHAS=	-158.1	FOM=	0.40	TEST=	0
INDE	21	57	26	FOBS=	101.0	SIGMA=	2.6	PHAS=	178.0	FOM=	0.84	TEST=	0
INDE	21	57	28	FOBS=	115.1	SIGMA=	2.4	PHAS=	-115.2	FOM=	0.18	TEST=	1
INDE	21	57	30	FOBS=	104.2	SIGMA=	2.7	PHAS=	-135.6	FOM=	0.86	TEST=	0
INDE	21	57	32	FOBS=	43.2	SIGMA=	7.3	PHAS=	129.7	FOM=	0.63	TEST=	0
INDE	21	57	34	FOBS=	0.0	SIGMA=	25.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	21	57	36	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	57	38	FOBS=	94.5	SIGMA=	2.5	PHAS=	-151.8	FOM=	0.90	TEST=	0
INDE	21	57	40	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	57	42	FOBS=	78.0	SIGMA=	3.5	PHAS=	86.7	FOM=	0.12	TEST=	0
INDE	21	57	44	FOBS=	66.7	SIGMA=	4.2	PHAS=	9.4	FOM=	0.68	TEST=	0
INDE	21	57	46	FOBS=	19.5	SIGMA=	16.9	PHAS=	-71.2	FOM=	0.39	TEST=	0
INDE	21	57	48	FOBS=	21.6	SIGMA=	15.4	PHAS=	120.7	FOM=	0.16	TEST=	0
INDE	21	58	21	FOBS=	29.0	SIGMA=	8.4	PHAS=	176.3	FOM=	0.48	TEST=	0
INDE	21	58	23	FOBS=	51.4	SIGMA=	7.1	PHAS=	167.3	FOM=	0.91	TEST=	0
INDE	21	58	25	FOBS=	89.8	SIGMA=	2.9	PHAS=	30.4	FOM=	0.85	TEST=	0
INDE	21	58	27	FOBS=	35.6	SIGMA=	7.1	PHAS=	17.5	FOM=	0.53	TEST=	0
INDE	21	58	29	FOBS=	54.9	SIGMA=	4.8	PHAS=	114.7	FOM=	0.59	TEST=	0
INDE	21	58	31	FOBS=	124.8	SIGMA=	2.2	PHAS=	98.5	FOM=	0.94	TEST=	0
INDE	21	58	33	FOBS=	82.1	SIGMA=	3.4	PHAS=	76.2	FOM=	0.91	TEST=	0
INDE	21	58	35	FOBS=	41.4	SIGMA=	6.6	PHAS=	-12.6	FOM=	0.26	TEST=	0
INDE	21	58	37	FOBS=	31.1	SIGMA=	7.9	PHAS=	-156.6	FOM=	0.46	TEST=	0
INDE	21	58	39	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	58	41	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	58	43	FOBS=	65.5	SIGMA=	4.2	PHAS=	-118.2	FOM=	0.42	TEST=	0
INDE	21	58	45	FOBS=	61.5	SIGMA=	4.7	PHAS=	-103.1	FOM=	0.91	TEST=	0
INDE	21	58	47	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	59	22	FOBS=	59.3	SIGMA=	4.6	PHAS=	73.7	FOM=	0.87	TEST=	0
INDE	21	59	24	FOBS=	25.0	SIGMA=	9.9	PHAS=	-89.7	FOM=	0.30	TEST=	0
INDE	21	59	26	FOBS=	60.6	SIGMA=	4.2	PHAS=	-141.6	FOM=	0.71	TEST=	0
INDE	21	59	28	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	59	30	FOBS=	0.0	SIGMA=	24.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	59	32	FOBS=	177.4	SIGMA=	1.7	PHAS=	-0.3	FOM=	0.98	TEST=	0
INDE	21	59	34	FOBS=	47.8	SIGMA=	6.6	PHAS=	-15.9	FOM=	0.50	TEST=	0
INDE	21	59	36	FOBS=	44.5	SIGMA=	6.3	PHAS=	55.5	FOM=	0.35	TEST=	0
INDE	21	59	38	FOBS=	9.7	SIGMA=	26.0	PHAS=	44.4	FOM=	0.19	TEST=	0
INDE	21	59	40	FOBS=	74.5	SIGMA=	3.2	PHAS=	13.3	FOM=	0.91	TEST=	0
INDE	21	59	42	FOBS=	41.4	SIGMA=	6.5	PHAS=	-93.4	FOM=	0.45	TEST=	0
INDE	21	59	44	FOBS=	34.4	SIGMA=	10.6	PHAS=	127.3	FOM=	0.67	TEST=	0
INDE	21	59	46	FOBS=	0.0	SIGMA=	27.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	21	60	21	FOBS=	24.9	SIGMA=	11.0	PHAS=	33.2	FOM=	0.54	TEST=	0
INDE	21	60	23	FOBS=	0.0	SIGMA=	26.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	60	25	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	60	27	FOBS=	10.9	SIGMA=	23.4	PHAS=	-3.3	FOM=	0.17	TEST=	0
INDE	21	60	29	FOBS=	71.5	SIGMA=	3.7	PHAS=	-12.1	FOM=	0.25	TEST=	1
INDE	21	60	31	FOBS=	39.4	SIGMA=	7.7	PHAS=	-59.8	FOM=	0.70	TEST=	0
INDE	21	60	33	FOBS=	93.2	SIGMA=	3.0	PHAS=	-101.5	FOM=	0.91	TEST=	0
INDE	21	60	35	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	60	37	FOBS=	39.6	SIGMA=	6.4	PHAS=	-45.3	FOM=	0.82	TEST=	0
INDE	21	60	39	FOBS=	87.4	SIGMA=	2.8	PHAS=	-99.2	FOM=	0.91	TEST=	0
INDE	21	60	41	FOBS=	46.9	SIGMA=	5.1	PHAS=	-61.7	FOM=	0.80	TEST=	0
INDE	21	60	43	FOBS=	46.2	SIGMA=	6.5	PHAS=	71.4	FOM=	0.72	TEST=	0
INDE	21	61	22	FOBS=	56.4	SIGMA=	4.9	PHAS=	8.9	FOM=	0.80	TEST=	0
INDE	21	61	24	FOBS=	37.4	SIGMA=	9.7	PHAS=	-83.2	FOM=	0.37	TEST=	0
INDE	21	61	26	FOBS=	47.7	SIGMA=	5.4	PHAS=	149.1	FOM=	0.60	TEST=	0
INDE	21	61	28	FOBS=	71.7	SIGMA=	3.7	PHAS=	-72.0	FOM=	0.73	TEST=	0
INDE	21	61	30	FOBS=	32.6	SIGMA=	8.0	PHAS=	174.4	FOM=	0.06	TEST=	1
INDE	21	61	32	FOBS=	49.7	SIGMA=	5.5	PHAS=	24.6	FOM=	0.56	TEST=	0
INDE	21	61	34	FOBS=	117.2	SIGMA=	2.5	PHAS=	50.4	FOM=	0.90	TEST=	0

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INDE	21	61	36	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	61	38	FOBS=	48.2	SIGMA=	5.3	PHAS=	113.3	FOM=	0.55	TEST=	0
INDE	21	61	40	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	61	42	FOBS=	84.0	SIGMA=	3.6	PHAS=	-53.3	FOM=	0.87	TEST=	0
INDE	21	62	21	FOBS=	45.0	SIGMA=	7.3	PHAS=	-155.5	FOM=	0.75	TEST=	0
INDE	21	62	23	FOBS=	15.9	SIGMA=	17.1	PHAS=	71.2	FOM=	0.04	TEST=	0
INDE	21	62	25	FOBS=	0.0	SIGMA=	27.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	62	27	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	62	29	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	62	31	FOBS=	73.3	SIGMA=	3.7	PHAS=	8.6	FOM=	0.61	TEST=	0
INDE	21	62	33	FOBS=	42.6	SIGMA=	7.4	PHAS=	-51.5	FOM=	0.72	TEST=	0
INDE	21	62	35	FOBS=	29.0	SIGMA=	9.7	PHAS=	55.7	FOM=	0.22	TEST=	0
INDE	21	62	37	FOBS=	83.6	SIGMA=	3.5	PHAS=	9.2	FOM=	0.92	TEST=	0
INDE	21	62	39	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	21	62	41	FOBS=	65.8	SIGMA=	4.6	PHAS=	-105.9	FOM=	0.81	TEST=	0
INDE	21	63	22	FOBS=	76.8	SIGMA=	3.6	PHAS=	-177.1	FOM=	0.07	TEST=	1
INDE	21	63	24	FOBS=	64.8	SIGMA=	4.2	PHAS=	-54.4	FOM=	0.83	TEST=	0
INDE	21	63	26	FOBS=	16.6	SIGMA=	18.0	PHAS=	35.6	FOM=	0.14	TEST=	0
INDE	21	63	28	FOBS=	22.0	SIGMA=	11.9	PHAS=	-7.9	FOM=	0.45	TEST=	0
INDE	21	63	30	FOBS=	48.1	SIGMA=	5.5	PHAS=	-68.3	FOM=	0.67	TEST=	0
INDE	21	63	32	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	63	34	FOBS=	74.3	SIGMA=	4.4	PHAS=	-51.2	FOM=	0.83	TEST=	0
INDE	21	63	36	FOBS=	31.4	SIGMA=	10.6	PHAS=	-116.3	FOM=	0.47	TEST=	0
INDE	21	63	38	FOBS=	25.6	SIGMA=	11.3	PHAS=	22.9	FOM=	0.02	TEST=	1
INDE	21	63	40	FOBS=	54.2	SIGMA=	6.4	PHAS=	129.0	FOM=	0.71	TEST=	0
INDE	21	64	21	FOBS=	52.2	SIGMA=	5.2	PHAS=	163.2	FOM=	0.41	TEST=	0
INDE	21	64	23	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	64	25	FOBS=	90.8	SIGMA=	4.2	PHAS=	-133.1	FOM=	0.92	TEST=	0
INDE	21	64	27	FOBS=	0.0	SIGMA=	27.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	21	64	29	FOBS=	23.0	SIGMA=	13.1	PHAS=	75.4	FOM=	0.34	TEST=	0
INDE	21	64	31	FOBS=	63.4	SIGMA=	5.0	PHAS=	159.2	FOM=	0.82	TEST=	0
INDE	21	64	33	FOBS=	39.4	SIGMA=	8.3	PHAS=	126.4	FOM=	0.50	TEST=	0
INDE	21	64	35	FOBS=	56.2	SIGMA=	6.0	PHAS=	-160.5	FOM=	0.89	TEST=	0
INDE	21	64	37	FOBS=	41.5	SIGMA=	8.4	PHAS=	46.2	FOM=	0.38	TEST=	0
INDE	21	65	22	FOBS=	30.1	SIGMA=	9.2	PHAS=	35.8	FOM=	0.13	TEST=	0
INDE	21	65	24	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	65	26	FOBS=	0.0	SIGMA=	27.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	21	65	28	FOBS=	106.1	SIGMA=	3.0	PHAS=	-31.5	FOM=	0.96	TEST=	0
INDE	21	65	30	FOBS=	39.6	SIGMA=	7.8	PHAS=	34.8	FOM=	0.70	TEST=	0
INDE	21	65	32	FOBS=	66.8	SIGMA=	4.8	PHAS=	134.6	FOM=	0.80	TEST=	0
INDE	21	65	34	FOBS=	22.3	SIGMA=	17.6	PHAS=	111.1	FOM=	0.01	TEST=	1
INDE	21	65	36	FOBS=	31.9	SIGMA=	10.7	PHAS=	103.6	FOM=	0.29	TEST=	0
INDE	21	66	21	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	66	23	FOBS=	6.1	SIGMA=	54.8	PHAS=	-171.5	FOM=	0.07	TEST=	0
INDE	21	66	25	FOBS=	15.3	SIGMA=	18.1	PHAS=	-172.0	FOM=	0.27	TEST=	0
INDE	21	66	27	FOBS=	107.6	SIGMA=	3.7	PHAS=	-118.1	FOM=	0.96	TEST=	0
INDE	21	66	29	FOBS=	73.0	SIGMA=	4.3	PHAS=	-105.7	FOM=	0.70	TEST=	0
INDE	21	66	31	FOBS=	33.8	SIGMA=	9.3	PHAS=	18.7	FOM=	0.68	TEST=	0
INDE	21	66	33	FOBS=	66.5	SIGMA=	5.0	PHAS=	105.8	FOM=	0.91	TEST=	0
INDE	21	66	35	FOBS=	6.8	SIGMA=	65.1	PHAS=	-142.2	FOM=	0.13	TEST=	0
INDE	21	67	22	FOBS=	0.0	SIGMA=	28.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	67	24	FOBS=	29.6	SIGMA=	11.4	PHAS=	78.6	FOM=	0.12	TEST=	0
INDE	21	67	26	FOBS=	0.0	SIGMA=	32.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	67	28	FOBS=	54.0	SIGMA=	7.3	PHAS=	171.4	FOM=	0.53	TEST=	0
INDE	21	67	30	FOBS=	0.0	SIGMA=	24.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	67	32	FOBS=	63.2	SIGMA=	6.3	PHAS=	-22.9	FOM=	0.71	TEST=	0
INDE	21	68	21	FOBS=	54.9	SIGMA=	7.5	PHAS=	-68.9	FOM=	0.81	TEST=	0
INDE	21	68	23	FOBS=	22.4	SIGMA=	18.8	PHAS=	9.6	FOM=	0.17	TEST=	0
INDE	21	68	25	FOBS=	23.4	SIGMA=	18.6	PHAS=	32.3	FOM=	0.16	TEST=	0
INDE	21	68	29	FOBS=	38.1	SIGMA=	10.3	PHAS=	-12.9	FOM=	0.27	TEST=	0
INDE	21	68	31	FOBS=	48.0	SIGMA=	8.5	PHAS=	-107.1	FOM=	0.51	TEST=	0
INDE	21	69	22	FOBS=	13.9	SIGMA=	30.4	PHAS=	107.5	FOM=	0.26	TEST=	0
INDE	21	69	24	FOBS=	105.9	SIGMA=	4.3	PHAS=	-20.5	FOM=	0.25	TEST=	1
INDE	21	69	26	FOBS=	0.0	SIGMA=	29.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	21	70	21	FOBS=	20.0	SIGMA=	19.8	PHAS=	-112.2	FOM=	0.35	TEST=	0
INDE	21	70	23	FOBS=	86.1	SIGMA=	5.0	PHAS=	17.6	FOM=	0.91	TEST=	0
INDE	21	70	25	FOBS=	16.2	SIGMA=	28.1	PHAS=	-103.2	FOM=	0.27	TEST=	0
INDE	21	71	22	FOBS=	0.0	SIGMA=	29.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	22	22	FOBS=	284.0	SIGMA=	1.2	PHAS=	86.7	FOM=	0.97	TEST=	0
INDE	22	23	23	FOBS=	33.9	SIGMA=	4.1	PHAS=	-46.1	FOM=	0.86	TEST=	1

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INDE	22	23	25	FOBS=	136.6	SIGMA=	1.1	PHAS=	100.8	FOM=	0.98	TEST=	0
INDE	22	23	27	FOBS=	69.5	SIGMA=	2.1	PHAS=	105.3	FOM=	0.12	TEST=	0
INDE	22	23	29	FOBS=	156.0	SIGMA=	1.0	PHAS=	122.3	FOM=	0.93	TEST=	0
INDE	22	23	31	FOBS=	339.7	SIGMA=	0.6	PHAS=	141.0	FOM=	0.97	TEST=	0
INDE	22	23	33	FOBS=	110.9	SIGMA=	1.4	PHAS=	-30.0	FOM=	0.88	TEST=	1
INDE	22	23	35	FOBS=	116.7	SIGMA=	1.6	PHAS=	121.5	FOM=	0.91	TEST=	0
INDE	22	23	37	FOBS=	201.0	SIGMA=	1.1	PHAS=	-165.0	FOM=	0.92	TEST=	0
INDE	22	23	39	FOBS=	135.3	SIGMA=	1.3	PHAS=	-115.0	FOM=	0.86	TEST=	0
INDE	22	23	41	FOBS=	81.8	SIGMA=	2.3	PHAS=	-28.5	FOM=	0.93	TEST=	0
INDE	22	23	43	FOBS=	198.7	SIGMA=	0.9	PHAS=	-165.3	FOM=	0.97	TEST=	0
INDE	22	23	45	FOBS=	50.1	SIGMA=	3.2	PHAS=	144.9	FOM=	0.75	TEST=	0
INDE	22	23	47	FOBS=	22.0	SIGMA=	8.1	PHAS=	50.4	FOM=	0.75	TEST=	1
INDE	22	23	49	FOBS=	87.4	SIGMA=	1.9	PHAS=	149.4	FOM=	0.93	TEST=	0
INDE	22	23	51	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	23	53	FOBS=	87.2	SIGMA=	2.0	PHAS=	-12.6	FOM=	0.90	TEST=	0
INDE	22	23	55	FOBS=	90.4	SIGMA=	2.3	PHAS=	-7.7	FOM=	0.92	TEST=	0
INDE	22	23	57	FOBS=	106.2	SIGMA=	2.8	PHAS=	76.1	FOM=	0.58	TEST=	1
INDE	22	23	59	FOBS=	94.9	SIGMA=	3.1	PHAS=	129.7	FOM=	0.49	TEST=	1
INDE	22	23	61	FOBS=	0.0	SIGMA=	25.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	23	63	FOBS=	61.0	SIGMA=	4.6	PHAS=	11.7	FOM=	0.79	TEST=	0
INDE	22	23	65	FOBS=	89.4	SIGMA=	3.9	PHAS=	73.5	FOM=	0.95	TEST=	0
INDE	22	23	67	FOBS=	80.2	SIGMA=	5.3	PHAS=	58.9	FOM=	0.92	TEST=	0
INDE	22	23	69	FOBS=	62.7	SIGMA=	6.9	PHAS=	-14.9	FOM=	0.77	TEST=	0
INDE	22	24	22	FOBS=	293.9	SIGMA=	0.7	PHAS=	-127.7	FOM=	0.99	TEST=	0
INDE	22	24	24	FOBS=	235.2	SIGMA=	0.7	PHAS=	-75.9	FOM=	0.96	TEST=	0
INDE	22	24	26	FOBS=	289.6	SIGMA=	0.6	PHAS=	9.6	FOM=	0.96	TEST=	0
INDE	22	24	28	FOBS=	79.2	SIGMA=	1.8	PHAS=	-100.1	FOM=	0.74	TEST=	0
INDE	22	24	30	FOBS=	127.1	SIGMA=	1.1	PHAS=	-1.9	FOM=	0.91	TEST=	0
INDE	22	24	32	FOBS=	379.1	SIGMA=	0.7	PHAS=	78.2	FOM=	0.99	TEST=	0
INDE	22	24	34	FOBS=	86.7	SIGMA=	1.8	PHAS=	39.1	FOM=	0.73	TEST=	0
INDE	22	24	36	FOBS=	60.0	SIGMA=	3.0	PHAS=	-127.3	FOM=	0.47	TEST=	0
INDE	22	24	38	FOBS=	213.9	SIGMA=	1.0	PHAS=	133.9	FOM=	0.96	TEST=	0
INDE	22	24	40	FOBS=	111.8	SIGMA=	1.6	PHAS=	-102.2	FOM=	0.94	TEST=	0
INDE	22	24	42	FOBS=	136.0	SIGMA=	1.3	PHAS=	147.2	FOM=	0.93	TEST=	0
INDE	22	24	44	FOBS=	106.8	SIGMA=	1.6	PHAS=	142.8	FOM=	0.94	TEST=	0
INDE	22	24	46	FOBS=	65.8	SIGMA=	2.4	PHAS=	107.8	FOM=	0.86	TEST=	0
INDE	22	24	48	FOBS=	111.5	SIGMA=	1.4	PHAS=	33.2	FOM=	0.69	TEST=	0
INDE	22	24	50	FOBS=	78.5	SIGMA=	2.1	PHAS=	-10.2	FOM=	0.88	TEST=	0
INDE	22	24	52	FOBS=	15.1	SIGMA=	12.4	PHAS=	-56.5	FOM=	0.07	TEST=	0
INDE	22	24	54	FOBS=	100.8	SIGMA=	1.9	PHAS=	-66.4	FOM=	0.91	TEST=	0
INDE	22	24	56	FOBS=	75.6	SIGMA=	3.4	PHAS=	38.6	FOM=	0.93	TEST=	0
INDE	22	24	58	FOBS=	71.9	SIGMA=	4.0	PHAS=	-46.5	FOM=	0.84	TEST=	0
INDE	22	24	60	FOBS=	30.4	SIGMA=	9.4	PHAS=	-147.3	FOM=	0.02	TEST=	1
INDE	22	24	62	FOBS=	40.6	SIGMA=	7.1	PHAS=	-172.2	FOM=	0.56	TEST=	0
INDE	22	24	64	FOBS=	96.6	SIGMA=	3.1	PHAS=	-49.1	FOM=	0.92	TEST=	0
INDE	22	24	66	FOBS=	0.0	SIGMA=	29.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	24	68	FOBS=	99.7	SIGMA=	4.4	PHAS=	-88.7	FOM=	0.96	TEST=	0
INDE	22	24	70	FOBS=	14.4	SIGMA=	29.7	PHAS=	-3.4	FOM=	0.17	TEST=	0
INDE	22	25	23	FOBS=	183.2	SIGMA=	0.9	PHAS=	121.7	FOM=	0.89	TEST=	0
INDE	22	25	25	FOBS=	329.6	SIGMA=	0.7	PHAS=	-118.9	FOM=	0.97	TEST=	0
INDE	22	25	27	FOBS=	50.0	SIGMA=	2.8	PHAS=	169.4	FOM=	0.61	TEST=	0
INDE	22	25	29	FOBS=	156.2	SIGMA=	1.1	PHAS=	-167.2	FOM=	0.98	TEST=	0
INDE	22	25	31	FOBS=	0.0	SIGMA=	17.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	25	33	FOBS=	163.8	SIGMA=	1.1	PHAS=	15.3	FOM=	0.97	TEST=	0
INDE	22	25	35	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	25	37	FOBS=	289.1	SIGMA=	0.7	PHAS=	92.5	FOM=	0.98	TEST=	0
INDE	22	25	39	FOBS=	196.5	SIGMA=	1.0	PHAS=	-175.0	FOM=	0.99	TEST=	0
INDE	22	25	41	FOBS=	67.1	SIGMA=	2.6	PHAS=	21.0	FOM=	0.93	TEST=	0
INDE	22	25	43	FOBS=	146.4	SIGMA=	1.2	PHAS=	63.4	FOM=	0.91	TEST=	0
INDE	22	25	45	FOBS=	136.5	SIGMA=	1.3	PHAS=	136.2	FOM=	0.93	TEST=	0
INDE	22	25	47	FOBS=	76.9	SIGMA=	2.1	PHAS=	29.1	FOM=	0.86	TEST=	0
INDE	22	25	49	FOBS=	108.6	SIGMA=	1.4	PHAS=	177.4	FOM=	0.85	TEST=	0
INDE	22	25	51	FOBS=	137.6	SIGMA=	1.2	PHAS=	-68.9	FOM=	0.36	TEST=	0
INDE	22	25	53	FOBS=	107.7	SIGMA=	1.7	PHAS=	-43.2	FOM=	0.96	TEST=	0
INDE	22	25	55	FOBS=	82.8	SIGMA=	2.3	PHAS=	13.1	FOM=	0.86	TEST=	0
INDE	22	25	57	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	25	59	FOBS=	36.9	SIGMA=	7.9	PHAS=	-111.4	FOM=	0.38	TEST=	0
INDE	22	25	61	FOBS=	72.8	SIGMA=	4.0	PHAS=	97.9	FOM=	0.12	TEST=	0
INDE	22	25	63	FOBS=	31.9	SIGMA=	9.1	PHAS=	-159.6	FOM=	0.41	TEST=	0
INDE	22	25	65	FOBS=	46.7	SIGMA=	7.6	PHAS=	55.9	FOM=	0.78	TEST=	0

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INDE	22	25	67	FOBS=	45.7	SIGMA=	9.4	PHAS=	153.7	FOM=	0.38	TEST=	0
INDE	22	25	69	FOBS=	32.7	SIGMA=	12.4	PHAS=	174.8	FOM=	0.78	TEST=	0
INDE	22	26	22	FOBS=	266.9	SIGMA=	0.6	PHAS=	-3.9	FOM=	0.93	TEST=	0
INDE	22	26	24	FOBS=	52.2	SIGMA=	2.7	PHAS=	142.2	FOM=	0.45	TEST=	0
INDE	22	26	26	FOBS=	284.4	SIGMA=	0.6	PHAS=	129.2	FOM=	0.94	TEST=	0
INDE	22	26	28	FOBS=	19.8	SIGMA=	6.9	PHAS=	61.9	FOM=	0.33	TEST=	0
INDE	22	26	30	FOBS=	268.8	SIGMA=	0.7	PHAS=	152.0	FOM=	0.95	TEST=	0
INDE	22	26	32	FOBS=	129.5	SIGMA=	1.3	PHAS=	-13.6	FOM=	0.95	TEST=	0
INDE	22	26	34	FOBS=	57.5	SIGMA=	2.7	PHAS=	27.0	FOM=	0.93	TEST=	0
INDE	22	26	36	FOBS=	155.4	SIGMA=	1.1	PHAS=	6.1	FOM=	0.90	TEST=	0
INDE	22	26	38	FOBS=	149.9	SIGMA=	1.1	PHAS=	70.7	FOM=	0.98	TEST=	0
INDE	22	26	40	FOBS=	74.0	SIGMA=	2.4	PHAS=	79.4	FOM=	0.52	TEST=	0
INDE	22	26	42	FOBS=	50.6	SIGMA=	3.7	PHAS=	-98.7	FOM=	0.78	TEST=	0
INDE	22	26	44	FOBS=	239.9	SIGMA=	0.8	PHAS=	68.5	FOM=	0.96	TEST=	0
INDE	22	26	46	FOBS=	141.7	SIGMA=	1.3	PHAS=	88.4	FOM=	0.86	TEST=	0
INDE	22	26	48	FOBS=	23.3	SIGMA=	7.5	PHAS=	38.2	FOM=	0.47	TEST=	0
INDE	22	26	50	FOBS=	38.9	SIGMA=	3.9	PHAS=	85.6	FOM=	0.29	TEST=	0
INDE	22	26	52	FOBS=	108.7	SIGMA=	1.7	PHAS=	-155.3	FOM=	0.93	TEST=	0
INDE	22	26	54	FOBS=	75.4	SIGMA=	2.4	PHAS=	-46.0	FOM=	0.71	TEST=	0
INDE	22	26	56	FOBS=	72.4	SIGMA=	3.2	PHAS=	-59.6	FOM=	0.67	TEST=	0
INDE	22	26	58	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	26	60	FOBS=	61.1	SIGMA=	4.8	PHAS=	172.2	FOM=	0.75	TEST=	0
INDE	22	26	62	FOBS=	33.7	SIGMA=	8.6	PHAS=	124.1	FOM=	0.73	TEST=	0
INDE	22	26	64	FOBS=	22.4	SIGMA=	16.0	PHAS=	-94.4	FOM=	0.21	TEST=	0
INDE	22	26	66	FOBS=	39.9	SIGMA=	10.9	PHAS=	-6.7	FOM=	0.58	TEST=	0
INDE	22	26	68	FOBS=	16.3	SIGMA=	25.4	PHAS=	79.4	FOM=	0.28	TEST=	0
INDE	22	27	23	FOBS=	149.6	SIGMA=	1.0	PHAS=	-40.4	FOM=	0.95	TEST=	1
INDE	22	27	25	FOBS=	61.2	SIGMA=	2.3	PHAS=	56.4	FOM=	0.84	TEST=	0
INDE	22	27	27	FOBS=	172.6	SIGMA=	0.9	PHAS=	-58.5	FOM=	0.96	TEST=	0
INDE	22	27	29	FOBS=	47.9	SIGMA=	3.5	PHAS=	58.0	FOM=	0.75	TEST=	0
INDE	22	27	31	FOBS=	160.7	SIGMA=	1.0	PHAS=	-174.5	FOM=	0.90	TEST=	0
INDE	22	27	33	FOBS=	15.7	SIGMA=	10.9	PHAS=	-76.0	FOM=	0.51	TEST=	0
INDE	22	27	35	FOBS=	148.1	SIGMA=	1.1	PHAS=	-18.5	FOM=	0.89	TEST=	0
INDE	22	27	37	FOBS=	118.4	SIGMA=	1.4	PHAS=	-4.0	FOM=	0.88	TEST=	0
INDE	22	27	39	FOBS=	136.0	SIGMA=	1.2	PHAS=	-123.9	FOM=	0.91	TEST=	0
INDE	22	27	41	FOBS=	0.0	SIGMA=	17.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	27	43	FOBS=	182.2	SIGMA=	0.9	PHAS=	-19.3	FOM=	0.97	TEST=	0
INDE	22	27	45	FOBS=	131.3	SIGMA=	1.2	PHAS=	42.3	FOM=	0.95	TEST=	0
INDE	22	27	47	FOBS=	114.1	SIGMA=	1.5	PHAS=	-19.6	FOM=	0.58	TEST=	1
INDE	22	27	49	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	22	27	51	FOBS=	78.5	SIGMA=	2.4	PHAS=	62.0	FOM=	0.63	TEST=	0
INDE	22	27	53	FOBS=	46.2	SIGMA=	3.7	PHAS=	-27.3	FOM=	0.78	TEST=	0
INDE	22	27	55	FOBS=	40.8	SIGMA=	5.7	PHAS=	-173.8	FOM=	0.55	TEST=	0
INDE	22	27	57	FOBS=	104.2	SIGMA=	2.3	PHAS=	143.2	FOM=	0.84	TEST=	0
INDE	22	27	59	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	27	61	FOBS=	10.9	SIGMA=	26.5	PHAS=	45.9	FOM=	0.21	TEST=	0
INDE	22	27	63	FOBS=	72.4	SIGMA=	4.1	PHAS=	70.7	FOM=	0.77	TEST=	0
INDE	22	27	65	FOBS=	36.8	SIGMA=	11.4	PHAS=	-66.5	FOM=	0.37	TEST=	0
INDE	22	27	67	FOBS=	0.0	SIGMA=	29.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	27	69	FOBS=	21.5	SIGMA=	19.7	PHAS=	-45.8	FOM=	0.22	TEST=	0
INDE	22	28	22	FOBS=	127.8	SIGMA=	1.1	PHAS=	-168.1	FOM=	0.88	TEST=	0
INDE	22	28	24	FOBS=	94.2	SIGMA=	1.5	PHAS=	17.2	FOM=	0.84	TEST=	0
INDE	22	28	26	FOBS=	190.2	SIGMA=	0.9	PHAS=	166.6	FOM=	0.81	TEST=	0
INDE	22	28	28	FOBS=	89.2	SIGMA=	1.7	PHAS=	-174.0	FOM=	0.90	TEST=	0
INDE	22	28	30	FOBS=	288.3	SIGMA=	0.7	PHAS=	131.5	FOM=	0.97	TEST=	0
INDE	22	28	32	FOBS=	175.6	SIGMA=	1.0	PHAS=	79.8	FOM=	0.33	TEST=	1
INDE	22	28	34	FOBS=	156.1	SIGMA=	1.1	PHAS=	26.1	FOM=	0.96	TEST=	0
INDE	22	28	36	FOBS=	150.0	SIGMA=	1.1	PHAS=	-56.7	FOM=	0.92	TEST=	0
INDE	22	28	38	FOBS=	127.5	SIGMA=	1.3	PHAS=	62.6	FOM=	0.91	TEST=	0
INDE	22	28	40	FOBS=	89.6	SIGMA=	1.8	PHAS=	113.8	FOM=	0.79	TEST=	0
INDE	22	28	42	FOBS=	215.7	SIGMA=	0.8	PHAS=	-127.8	FOM=	0.91	TEST=	0
INDE	22	28	44	FOBS=	83.4	SIGMA=	1.9	PHAS=	-93.2	FOM=	0.80	TEST=	0
INDE	22	28	46	FOBS=	0.0	SIGMA=	17.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	28	48	FOBS=	115.6	SIGMA=	1.4	PHAS=	-139.9	FOM=	0.90	TEST=	0
INDE	22	28	50	FOBS=	42.7	SIGMA=	4.6	PHAS=	65.6	FOM=	0.87	TEST=	0
INDE	22	28	52	FOBS=	51.2	SIGMA=	3.8	PHAS=	-67.6	FOM=	0.72	TEST=	0
INDE	22	28	54	FOBS=	45.1	SIGMA=	4.0	PHAS=	157.9	FOM=	0.76	TEST=	0
INDE	22	28	56	FOBS=	27.6	SIGMA=	8.5	PHAS=	56.6	FOM=	0.32	TEST=	0
INDE	22	28	58	FOBS=	30.1	SIGMA=	8.5	PHAS=	55.8	FOM=	0.41	TEST=	0
INDE	22	28	60	FOBS=	63.4	SIGMA=	4.1	PHAS=	-42.4	FOM=	0.24	TEST=	0

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INDE	22	28	62	FOBS=	23.8	SIGMA=	16.2	PHAS=	-117.3	FOM=	0.20	TEST=	0
INDE	22	28	64	FOBS=	97.6	SIGMA=	4.5	PHAS=	-44.3	FOM=	0.25	TEST=	1
INDE	22	28	66	FOBS=	0.0	SIGMA=	29.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	28	68	FOBS=	0.0	SIGMA=	29.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	29	23	FOBS=	258.0	SIGMA=	0.7	PHAS=	-20.5	FOM=	0.93	TEST=	0
INDE	22	29	25	FOBS=	175.3	SIGMA=	0.9	PHAS=	-160.7	FOM=	0.96	TEST=	0
INDE	22	29	27	FOBS=	98.9	SIGMA=	1.7	PHAS=	-109.2	FOM=	0.80	TEST=	0
INDE	22	29	29	FOBS=	270.3	SIGMA=	0.7	PHAS=	48.4	FOM=	0.97	TEST=	0
INDE	22	29	31	FOBS=	40.1	SIGMA=	4.3	PHAS=	45.6	FOM=	0.95	TEST=	0
INDE	22	29	33	FOBS=	327.2	SIGMA=	0.7	PHAS=	-27.5	FOM=	0.97	TEST=	0
INDE	22	29	35	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	22	29	37	FOBS=	49.2	SIGMA=	3.3	PHAS=	-64.2	FOM=	0.59	TEST=	0
INDE	22	29	39	FOBS=	149.2	SIGMA=	1.1	PHAS=	-26.5	FOM=	0.95	TEST=	0
INDE	22	29	41	FOBS=	209.4	SIGMA=	0.9	PHAS=	166.3	FOM=	0.47	TEST=	1
INDE	22	29	43	FOBS=	120.0	SIGMA=	1.4	PHAS=	115.8	FOM=	0.43	TEST=	1
INDE	22	29	45	FOBS=	179.9	SIGMA=	0.9	PHAS=	82.5	FOM=	0.97	TEST=	0
INDE	22	29	47	FOBS=	22.1	SIGMA=	6.8	PHAS=	104.1	FOM=	0.10	TEST=	1
INDE	22	29	49	FOBS=	49.6	SIGMA=	3.5	PHAS=	42.5	FOM=	0.70	TEST=	0
INDE	22	29	51	FOBS=	15.2	SIGMA=	12.1	PHAS=	82.1	FOM=	0.06	TEST=	0
INDE	22	29	53	FOBS=	63.4	SIGMA=	2.7	PHAS=	-16.2	FOM=	0.75	TEST=	0
INDE	22	29	55	FOBS=	37.2	SIGMA=	7.0	PHAS=	141.6	FOM=	0.17	TEST=	0
INDE	22	29	57	FOBS=	67.0	SIGMA=	3.5	PHAS=	-176.5	FOM=	0.87	TEST=	0
INDE	22	29	59	FOBS=	95.8	SIGMA=	2.5	PHAS=	-21.1	FOM=	0.88	TEST=	0
INDE	22	29	61	FOBS=	42.0	SIGMA=	5.4	PHAS=	129.1	FOM=	0.68	TEST=	0
INDE	22	29	63	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	29	65	FOBS=	32.9	SIGMA=	12.9	PHAS=	-85.3	FOM=	0.67	TEST=	0
INDE	22	29	67	FOBS=	62.6	SIGMA=	7.0	PHAS=	122.3	FOM=	0.58	TEST=	0
INDE	22	30	22	FOBS=	287.2	SIGMA=	0.7	PHAS=	-105.5	FOM=	0.95	TEST=	0
INDE	22	30	24	FOBS=	237.2	SIGMA=	0.8	PHAS=	156.2	FOM=	0.82	TEST=	0
INDE	22	30	26	FOBS=	331.0	SIGMA=	0.7	PHAS=	172.5	FOM=	0.98	TEST=	0
INDE	22	30	28	FOBS=	95.2	SIGMA=	1.8	PHAS=	-14.6	FOM=	0.89	TEST=	0
INDE	22	30	30	FOBS=	75.7	SIGMA=	2.3	PHAS=	-66.7	FOM=	0.92	TEST=	0
INDE	22	30	32	FOBS=	90.8	SIGMA=	1.9	PHAS=	-125.1	FOM=	0.89	TEST=	0
INDE	22	30	34	FOBS=	87.1	SIGMA=	2.0	PHAS=	-37.5	FOM=	0.51	TEST=	0
INDE	22	30	36	FOBS=	141.2	SIGMA=	1.2	PHAS=	95.4	FOM=	0.81	TEST=	0
INDE	22	30	38	FOBS=	68.5	SIGMA=	2.4	PHAS=	69.9	FOM=	0.54	TEST=	0
INDE	22	30	40	FOBS=	263.6	SIGMA=	0.8	PHAS=	137.9	FOM=	0.96	TEST=	0
INDE	22	30	42	FOBS=	98.7	SIGMA=	1.6	PHAS=	-0.4	FOM=	0.90	TEST=	0
INDE	22	30	44	FOBS=	148.6	SIGMA=	1.1	PHAS=	-14.2	FOM=	0.96	TEST=	0
INDE	22	30	46	FOBS=	64.5	SIGMA=	2.4	PHAS=	26.7	FOM=	0.82	TEST=	0
INDE	22	30	48	FOBS=	115.4	SIGMA=	1.5	PHAS=	159.8	FOM=	0.85	TEST=	0
INDE	22	30	50	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	30	52	FOBS=	90.4	SIGMA=	2.0	PHAS=	-7.3	FOM=	0.66	TEST=	0
INDE	22	30	54	FOBS=	53.4	SIGMA=	4.0	PHAS=	176.7	FOM=	0.79	TEST=	0
INDE	22	30	56	FOBS=	40.3	SIGMA=	5.2	PHAS=	52.1	FOM=	0.74	TEST=	0
INDE	22	30	58	FOBS=	72.5	SIGMA=	4.1	PHAS=	-128.6	FOM=	0.85	TEST=	0
INDE	22	30	60	FOBS=	25.7	SIGMA=	9.7	PHAS=	34.7	FOM=	0.07	TEST=	0
INDE	22	30	62	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	22	30	64	FOBS=	80.0	SIGMA=	5.5	PHAS=	164.9	FOM=	0.91	TEST=	0
INDE	22	30	66	FOBS=	0.0	SIGMA=	29.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	30	68	FOBS=	24.3	SIGMA=	18.2	PHAS=	-57.9	FOM=	0.05	TEST=	1
INDE	22	31	23	FOBS=	260.4	SIGMA=	0.7	PHAS=	104.4	FOM=	0.93	TEST=	0
INDE	22	31	25	FOBS=	354.1	SIGMA=	0.6	PHAS=	125.4	FOM=	0.42	TEST=	1
INDE	22	31	27	FOBS=	59.7	SIGMA=	3.0	PHAS=	123.1	FOM=	0.89	TEST=	0
INDE	22	31	29	FOBS=	266.3	SIGMA=	0.8	PHAS=	-108.2	FOM=	0.97	TEST=	0
INDE	22	31	31	FOBS=	56.0	SIGMA=	3.2	PHAS=	-129.7	FOM=	0.81	TEST=	0
INDE	22	31	33	FOBS=	173.6	SIGMA=	1.0	PHAS=	-32.1	FOM=	0.90	TEST=	0
INDE	22	31	35	FOBS=	124.9	SIGMA=	1.4	PHAS=	7.2	FOM=	0.92	TEST=	0
INDE	22	31	37	FOBS=	172.2	SIGMA=	1.0	PHAS=	-18.8	FOM=	0.93	TEST=	0
INDE	22	31	39	FOBS=	286.5	SIGMA=	0.8	PHAS=	41.5	FOM=	0.97	TEST=	0
INDE	22	31	41	FOBS=	56.8	SIGMA=	3.1	PHAS=	42.2	FOM=	0.53	TEST=	0
INDE	22	31	43	FOBS=	102.6	SIGMA=	1.6	PHAS=	-51.1	FOM=	0.94	TEST=	0
INDE	22	31	45	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	31	47	FOBS=	53.8	SIGMA=	3.1	PHAS=	-13.5	FOM=	0.74	TEST=	0
INDE	22	31	49	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	31	51	FOBS=	29.6	SIGMA=	5.5	PHAS=	85.3	FOM=	0.14	TEST=	0
INDE	22	31	53	FOBS=	42.8	SIGMA=	4.8	PHAS=	16.8	FOM=	0.57	TEST=	0
INDE	22	31	55	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	31	57	FOBS=	74.5	SIGMA=	2.9	PHAS=	151.0	FOM=	0.95	TEST=	0
INDE	22	31	59	FOBS=	17.5	SIGMA=	14.5	PHAS=	-109.1	FOM=	0.16	TEST=	0

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INDE 22 31 61 FOBS= 0.0 SIGMA= 24.1 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 22 31 63 FOBS= 0.0 SIGMA= 24.3 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 22 31 65 FOBS= 0.0 SIGMA= 29.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 22 31 67 FOBS= 56.5 SIGMA= 7.7 PHAS= -115.4 FOM= 0.80 TEST= 0
INDE 22 32 22 FOBS= 179.4 SIGMA= 0.9 PHAS= 14.9 FOM= 0.96 TEST= 0
INDE 22 32 24 FOBS= 136.2 SIGMA= 1.3 PHAS= 47.3 FOM= 0.91 TEST= 0
INDE 22 32 26 FOBS= 84.8 SIGMA= 2.1 PHAS= 37.4 FOM= 0.15 TEST= 1
INDE 22 32 28 FOBS= 190.5 SIGMA= 1.0 PHAS= 106.2 FOM= 0.93 TEST= 0
INDE 22 32 30 FOBS= 254.6 SIGMA= 0.8 PHAS= 140.8 FOM= 0.95 TEST= 0
INDE 22 32 32 FOBS= 138.3 SIGMA= 1.3 PHAS= 179.8 FOM= 0.72 TEST= 0
INDE 22 32 34 FOBS= 58.4 SIGMA= 3.0 PHAS= -25.3 FOM= 0.43 TEST= 0
INDE 22 32 36 FOBS= 63.7 SIGMA= 2.6 PHAS= 156.4 FOM= 0.75 TEST= 0
INDE 22 32 38 FOBS= 256.7 SIGMA= 0.8 PHAS= -57.2 FOM= 0.97 TEST= 0
INDE 22 32 40 FOBS= 164.4 SIGMA= 1.1 PHAS= -63.8 FOM= 0.91 TEST= 0
INDE 22 32 42 FOBS= 169.3 SIGMA= 1.1 PHAS= -81.7 FOM= 0.92 TEST= 0
INDE 22 32 44 FOBS= 21.4 SIGMA= 8.2 PHAS= -83.3 FOM= 0.57 TEST= 0
INDE 22 32 46 FOBS= 57.2 SIGMA= 3.0 PHAS= 4.6 FOM= 0.71 TEST= 0
INDE 22 32 48 FOBS= 84.3 SIGMA= 2.0 PHAS= -169.3 FOM= 0.50 TEST= 1
INDE 22 32 50 FOBS= 68.6 SIGMA= 2.4 PHAS= -24.1 FOM= 0.93 TEST= 0
INDE 22 32 52 FOBS= 51.3 SIGMA= 3.2 PHAS= -134.1 FOM= 0.35 TEST= 0
INDE 22 32 54 FOBS= 45.7 SIGMA= 5.0 PHAS= 125.3 FOM= 0.56 TEST= 0
INDE 22 32 56 FOBS= 108.4 SIGMA= 2.0 PHAS= 51.2 FOM= 0.93 TEST= 0
INDE 22 32 58 FOBS= 43.7 SIGMA= 5.8 PHAS= 77.6 FOM= 0.34 TEST= 0
INDE 22 32 60 FOBS= 0.0 SIGMA= 20.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 22 32 62 FOBS= 62.7 SIGMA= 4.8 PHAS= 107.7 FOM= 0.86 TEST= 0
INDE 22 32 64 FOBS= 42.5 SIGMA= 7.0 PHAS= -174.3 FOM= 0.80 TEST= 0
INDE 22 32 66 FOBS= 42.2 SIGMA= 10.4 PHAS= 146.7 FOM= 0.67 TEST= 0
INDE 22 33 23 FOBS= 27.5 SIGMA= 6.3 PHAS= -93.9 FOM= 0.43 TEST= 0
INDE 22 33 25 FOBS= 41.7 SIGMA= 4.1 PHAS= -52.0 FOM= 0.39 TEST= 0
INDE 22 33 27 FOBS= 153.4 SIGMA= 1.3 PHAS= -73.0 FOM= 0.94 TEST= 0
INDE 22 33 29 FOBS= 196.2 SIGMA= 1.0 PHAS= 2.3 FOM= 0.95 TEST= 0
INDE 22 33 31 FOBS= 145.1 SIGMA= 1.2 PHAS= 50.1 FOM= 0.97 TEST= 0
INDE 22 33 33 FOBS= 72.5 SIGMA= 2.4 PHAS= -20.8 FOM= 0.44 TEST= 0
INDE 22 33 35 FOBS= 104.2 SIGMA= 1.6 PHAS= 85.4 FOM= 0.62 TEST= 0
INDE 22 33 37 FOBS= 197.5 SIGMA= 0.9 PHAS= -73.4 FOM= 0.96 TEST= 0
INDE 22 33 39 FOBS= 117.3 SIGMA= 1.4 PHAS= 105.1 FOM= 0.79 TEST= 0
INDE 22 33 41 FOBS= 90.6 SIGMA= 1.9 PHAS= -89.8 FOM= 0.25 TEST= 0
INDE 22 33 43 FOBS= 94.3 SIGMA= 1.9 PHAS= -111.7 FOM= 0.85 TEST= 0
INDE 22 33 45 FOBS= 239.9 SIGMA= 0.9 PHAS= -71.1 FOM= 0.98 TEST= 0
INDE 22 33 47 FOBS= 81.6 SIGMA= 2.1 PHAS= 8.7 FOM= 0.81 TEST= 0
INDE 22 33 49 FOBS= 55.1 SIGMA= 3.0 PHAS= -82.0 FOM= 0.42 TEST= 0
INDE 22 33 51 FOBS= 0.0 SIGMA= 18.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 22 33 53 FOBS= 39.6 SIGMA= 5.2 PHAS= 97.4 FOM= 0.66 TEST= 0
INDE 22 33 55 FOBS= 50.2 SIGMA= 4.3 PHAS= -52.3 FOM= 0.81 TEST= 0
INDE 22 33 57 FOBS= 0.0 SIGMA= 21.4 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 22 33 59 FOBS= 0.0 SIGMA= 20.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 22 33 61 FOBS= 76.0 SIGMA= 2.6 PHAS= -22.0 FOM= 0.89 TEST= 0
INDE 22 33 63 FOBS= 0.0 SIGMA= 22.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 22 33 65 FOBS= 0.0 SIGMA= 24.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 22 34 22 FOBS= 158.9 SIGMA= 1.3 PHAS= 82.8 FOM= 0.94 TEST= 0
INDE 22 34 24 FOBS= 66.0 SIGMA= 2.8 PHAS= -176.5 FOM= 0.87 TEST= 1
INDE 22 34 26 FOBS= 211.3 SIGMA= 1.0 PHAS= -148.3 FOM= 0.99 TEST= 0
INDE 22 34 28 FOBS= 150.4 SIGMA= 1.3 PHAS= -171.0 FOM= 0.91 TEST= 0
INDE 22 34 30 FOBS= 124.9 SIGMA= 1.5 PHAS= -66.5 FOM= 0.96 TEST= 0
INDE 22 34 32 FOBS= 0.0 SIGMA= 19.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 22 34 34 FOBS= 85.7 SIGMA= 2.0 PHAS= 63.8 FOM= 0.65 TEST= 0
INDE 22 34 36 FOBS= 130.1 SIGMA= 1.3 PHAS= -158.4 FOM= 0.89 TEST= 0
INDE 22 34 38 FOBS= 84.7 SIGMA= 1.9 PHAS= -87.6 FOM= 0.56 TEST= 0
INDE 22 34 40 FOBS= 105.5 SIGMA= 1.6 PHAS= 60.4 FOM= 0.83 TEST= 0
INDE 22 34 42 FOBS= 85.6 SIGMA= 2.3 PHAS= -86.3 FOM= 0.88 TEST= 0
INDE 22 34 44 FOBS= 278.0 SIGMA= 1.0 PHAS= 152.0 FOM= 0.99 TEST= 0
INDE 22 34 46 FOBS= 115.2 SIGMA= 1.8 PHAS= -131.1 FOM= 0.86 TEST= 0
INDE 22 34 48 FOBS= 83.7 SIGMA= 2.3 PHAS= -168.3 FOM= 0.85 TEST= 0
INDE 22 34 50 FOBS= 107.8 SIGMA= 1.6 PHAS= 58.2 FOM= 0.86 TEST= 0
INDE 22 34 52 FOBS= 9.4 SIGMA= 20.2 PHAS= -34.4 FOM= 0.05 TEST= 0
INDE 22 34 54 FOBS= 0.0 SIGMA= 20.6 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 22 34 56 FOBS= 0.0 SIGMA= 21.3 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 22 34 58 FOBS= 58.4 SIGMA= 4.0 PHAS= -166.0 FOM= 0.37 TEST= 0
INDE 22 34 60 FOBS= 48.9 SIGMA= 4.4 PHAS= -155.3 FOM= 0.58 TEST= 1
INDE 22 34 62 FOBS= 97.8 SIGMA= 2.1 PHAS= 168.3 FOM= 0.94 TEST= 0

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INDE	22	34	64	FOBS=	0.0	SIGMA=	25.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	34	66	FOBS=	60.7	SIGMA=	4.5	PHAS=	106.7	FOM=	0.82	TEST=	0
INDE	22	35	23	FOBS=	176.4	SIGMA=	1.1	PHAS=	5.9	FOM=	0.98	TEST=	0
INDE	22	35	25	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	35	27	FOBS=	75.9	SIGMA=	2.5	PHAS=	-146.1	FOM=	0.96	TEST=	1
INDE	22	35	29	FOBS=	216.8	SIGMA=	1.0	PHAS=	39.1	FOM=	0.98	TEST=	0
INDE	22	35	31	FOBS=	105.3	SIGMA=	1.8	PHAS=	-21.3	FOM=	0.60	TEST=	0
INDE	22	35	33	FOBS=	117.4	SIGMA=	1.5	PHAS=	23.6	FOM=	0.83	TEST=	0
INDE	22	35	35	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	35	37	FOBS=	163.6	SIGMA=	1.1	PHAS=	167.5	FOM=	0.86	TEST=	0
INDE	22	35	39	FOBS=	104.4	SIGMA=	1.6	PHAS=	24.1	FOM=	0.82	TEST=	0
INDE	22	35	41	FOBS=	87.9	SIGMA=	2.0	PHAS=	-131.8	FOM=	0.91	TEST=	0
INDE	22	35	43	FOBS=	151.6	SIGMA=	1.4	PHAS=	5.7	FOM=	0.87	TEST=	1
INDE	22	35	45	FOBS=	43.4	SIGMA=	4.3	PHAS=	119.5	FOM=	0.67	TEST=	1
INDE	22	35	47	FOBS=	106.4	SIGMA=	1.8	PHAS=	121.1	FOM=	0.92	TEST=	0
INDE	22	35	49	FOBS=	173.8	SIGMA=	1.2	PHAS=	16.8	FOM=	0.30	TEST=	1
INDE	22	35	51	FOBS=	48.8	SIGMA=	3.8	PHAS=	31.2	FOM=	0.79	TEST=	0
INDE	22	35	53	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	35	55	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	35	57	FOBS=	57.3	SIGMA=	3.7	PHAS=	179.9	FOM=	0.54	TEST=	0
INDE	22	35	59	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	35	61	FOBS=	14.7	SIGMA=	16.1	PHAS=	52.9	FOM=	0.36	TEST=	0
INDE	22	35	63	FOBS=	41.3	SIGMA=	4.9	PHAS=	71.7	FOM=	0.78	TEST=	0
INDE	22	35	65	FOBS=	0.0	SIGMA=	24.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	36	22	FOBS=	235.0	SIGMA=	1.0	PHAS=	-83.5	FOM=	0.91	TEST=	0
INDE	22	36	24	FOBS=	239.9	SIGMA=	0.9	PHAS=	-117.8	FOM=	0.95	TEST=	0
INDE	22	36	26	FOBS=	48.4	SIGMA=	3.8	PHAS=	-95.2	FOM=	0.76	TEST=	0
INDE	22	36	28	FOBS=	51.2	SIGMA=	3.6	PHAS=	-91.4	FOM=	0.85	TEST=	0
INDE	22	36	30	FOBS=	147.1	SIGMA=	1.4	PHAS=	-76.3	FOM=	0.92	TEST=	0
INDE	22	36	32	FOBS=	148.9	SIGMA=	1.4	PHAS=	-52.1	FOM=	0.88	TEST=	0
INDE	22	36	34	FOBS=	171.9	SIGMA=	1.0	PHAS=	-17.0	FOM=	0.94	TEST=	0
INDE	22	36	36	FOBS=	225.2	SIGMA=	0.9	PHAS=	71.4	FOM=	0.91	TEST=	0
INDE	22	36	38	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	36	40	FOBS=	81.7	SIGMA=	2.2	PHAS=	94.4	FOM=	0.90	TEST=	0
INDE	22	36	42	FOBS=	162.0	SIGMA=	1.2	PHAS=	-96.1	FOM=	0.94	TEST=	0
INDE	22	36	44	FOBS=	21.3	SIGMA=	10.2	PHAS=	-46.5	FOM=	0.46	TEST=	0
INDE	22	36	46	FOBS=	80.6	SIGMA=	2.4	PHAS=	68.1	FOM=	0.75	TEST=	0
INDE	22	36	48	FOBS=	137.9	SIGMA=	1.5	PHAS=	-83.0	FOM=	0.94	TEST=	0
INDE	22	36	50	FOBS=	89.9	SIGMA=	2.1	PHAS=	-52.9	FOM=	0.86	TEST=	0
INDE	22	36	52	FOBS=	44.9	SIGMA=	4.1	PHAS=	34.4	FOM=	0.72	TEST=	0
INDE	22	36	54	FOBS=	48.8	SIGMA=	4.5	PHAS=	165.4	FOM=	0.75	TEST=	0
INDE	22	36	56	FOBS=	20.4	SIGMA=	11.4	PHAS=	-128.4	FOM=	0.37	TEST=	0
INDE	22	36	58	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	36	60	FOBS=	41.5	SIGMA=	6.3	PHAS=	-178.5	FOM=	0.25	TEST=	0
INDE	22	36	62	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	36	64	FOBS=	53.2	SIGMA=	5.2	PHAS=	-95.3	FOM=	0.76	TEST=	0
INDE	22	37	23	FOBS=	294.9	SIGMA=	0.9	PHAS=	142.5	FOM=	0.97	TEST=	0
INDE	22	37	25	FOBS=	86.5	SIGMA=	2.2	PHAS=	-61.5	FOM=	0.72	TEST=	0
INDE	22	37	27	FOBS=	185.6	SIGMA=	1.1	PHAS=	-89.3	FOM=	0.95	TEST=	0
INDE	22	37	29	FOBS=	190.2	SIGMA=	1.1	PHAS=	135.0	FOM=	0.92	TEST=	0
INDE	22	37	31	FOBS=	51.1	SIGMA=	4.0	PHAS=	39.4	FOM=	0.77	TEST=	0
INDE	22	37	33	FOBS=	236.7	SIGMA=	0.9	PHAS=	-68.3	FOM=	0.96	TEST=	0
INDE	22	37	35	FOBS=	91.9	SIGMA=	1.8	PHAS=	-36.0	FOM=	0.83	TEST=	0
INDE	22	37	37	FOBS=	52.0	SIGMA=	3.5	PHAS=	-17.9	FOM=	0.84	TEST=	0
INDE	22	37	39	FOBS=	210.4	SIGMA=	1.0	PHAS=	1.6	FOM=	0.94	TEST=	0
INDE	22	37	41	FOBS=	98.2	SIGMA=	1.8	PHAS=	-137.9	FOM=	0.86	TEST=	0
INDE	22	37	43	FOBS=	83.3	SIGMA=	2.1	PHAS=	-108.7	FOM=	0.93	TEST=	0
INDE	22	37	45	FOBS=	25.6	SIGMA=	7.8	PHAS=	122.8	FOM=	0.15	TEST=	0
INDE	22	37	47	FOBS=	115.0	SIGMA=	1.7	PHAS=	116.1	FOM=	0.85	TEST=	0
INDE	22	37	49	FOBS=	59.4	SIGMA=	3.2	PHAS=	139.9	FOM=	0.24	TEST=	0
INDE	22	37	51	FOBS=	104.9	SIGMA=	1.8	PHAS=	24.9	FOM=	0.92	TEST=	0
INDE	22	37	53	FOBS=	67.8	SIGMA=	3.0	PHAS=	4.3	FOM=	0.87	TEST=	0
INDE	22	37	55	FOBS=	135.9	SIGMA=	1.7	PHAS=	102.0	FOM=	0.95	TEST=	0
INDE	22	37	57	FOBS=	67.7	SIGMA=	3.2	PHAS=	179.9	FOM=	0.60	TEST=	0
INDE	22	37	59	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	37	61	FOBS=	88.3	SIGMA=	2.6	PHAS=	2.4	FOM=	0.32	TEST=	0
INDE	22	37	63	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	38	22	FOBS=	165.9	SIGMA=	1.3	PHAS=	88.5	FOM=	0.92	TEST=	0
INDE	22	38	24	FOBS=	147.6	SIGMA=	1.5	PHAS=	-106.9	FOM=	0.94	TEST=	0
INDE	22	38	26	FOBS=	221.0	SIGMA=	0.9	PHAS=	-164.3	FOM=	0.96	TEST=	0

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INDE	22	38	28	FOBS=	34.3	SIGMA=	5.2	PHAS=	138.4	FOM=	0.58	TEST=	0
INDE	22	38	30	FOBS=	180.2	SIGMA=	1.1	PHAS=	27.1	FOM=	0.94	TEST=	0
INDE	22	38	32	FOBS=	168.6	SIGMA=	1.1	PHAS=	-139.4	FOM=	0.96	TEST=	0
INDE	22	38	34	FOBS=	74.4	SIGMA=	2.3	PHAS=	-83.4	FOM=	0.72	TEST=	0
INDE	22	38	36	FOBS=	38.2	SIGMA=	4.9	PHAS=	-58.8	FOM=	0.61	TEST=	0
INDE	22	38	38	FOBS=	182.1	SIGMA=	1.1	PHAS=	-87.0	FOM=	0.95	TEST=	0
INDE	22	38	40	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	38	42	FOBS=	167.6	SIGMA=	1.1	PHAS=	138.1	FOM=	0.94	TEST=	0
INDE	22	38	44	FOBS=	39.6	SIGMA=	4.6	PHAS=	54.7	FOM=	0.82	TEST=	0
INDE	22	38	46	FOBS=	73.3	SIGMA=	2.6	PHAS=	-136.3	FOM=	0.46	TEST=	0
INDE	22	38	48	FOBS=	87.6	SIGMA=	2.2	PHAS=	-9.1	FOM=	0.79	TEST=	0
INDE	22	38	50	FOBS=	88.7	SIGMA=	2.2	PHAS=	-81.2	FOM=	0.91	TEST=	0
INDE	22	38	52	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	38	54	FOBS=	57.2	SIGMA=	3.8	PHAS=	1.6	FOM=	0.76	TEST=	0
INDE	22	38	56	FOBS=	90.6	SIGMA=	2.5	PHAS=	-60.0	FOM=	0.88	TEST=	0
INDE	22	38	58	FOBS=	55.3	SIGMA=	4.0	PHAS=	-99.1	FOM=	0.71	TEST=	0
INDE	22	38	60	FOBS=	65.5	SIGMA=	3.4	PHAS=	82.8	FOM=	0.03	TEST=	1
INDE	22	38	62	FOBS=	78.3	SIGMA=	3.2	PHAS=	47.8	FOM=	0.84	TEST=	0
INDE	22	38	64	FOBS=	46.5	SIGMA=	6.4	PHAS=	-129.9	FOM=	0.61	TEST=	0
INDE	22	39	23	FOBS=	171.1	SIGMA=	1.3	PHAS=	101.4	FOM=	0.91	TEST=	0
INDE	22	39	25	FOBS=	107.9	SIGMA=	1.9	PHAS=	137.4	FOM=	0.66	TEST=	0
INDE	22	39	27	FOBS=	135.6	SIGMA=	1.4	PHAS=	113.6	FOM=	0.88	TEST=	0
INDE	22	39	29	FOBS=	34.7	SIGMA=	5.4	PHAS=	6.3	FOM=	0.25	TEST=	0
INDE	22	39	31	FOBS=	118.2	SIGMA=	1.6	PHAS=	109.2	FOM=	0.79	TEST=	0
INDE	22	39	33	FOBS=	85.9	SIGMA=	2.1	PHAS=	-46.1	FOM=	0.88	TEST=	0
INDE	22	39	35	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	39	37	FOBS=	136.5	SIGMA=	1.4	PHAS=	-178.1	FOM=	0.78	TEST=	1
INDE	22	39	39	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	39	41	FOBS=	44.9	SIGMA=	4.1	PHAS=	43.6	FOM=	0.28	TEST=	1
INDE	22	39	43	FOBS=	89.2	SIGMA=	2.0	PHAS=	-36.2	FOM=	0.93	TEST=	0
INDE	22	39	45	FOBS=	80.3	SIGMA=	2.2	PHAS=	-13.3	FOM=	0.84	TEST=	0
INDE	22	39	47	FOBS=	54.0	SIGMA=	3.5	PHAS=	142.5	FOM=	0.48	TEST=	0
INDE	22	39	49	FOBS=	85.9	SIGMA=	2.2	PHAS=	-128.4	FOM=	0.09	TEST=	1
INDE	22	39	51	FOBS=	62.5	SIGMA=	3.0	PHAS=	-79.6	FOM=	0.53	TEST=	0
INDE	22	39	53	FOBS=	73.8	SIGMA=	2.8	PHAS=	-35.5	FOM=	0.80	TEST=	0
INDE	22	39	55	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	39	57	FOBS=	53.1	SIGMA=	4.2	PHAS=	-131.8	FOM=	0.78	TEST=	0
INDE	22	39	59	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	39	61	FOBS=	130.1	SIGMA=	2.1	PHAS=	-75.6	FOM=	0.97	TEST=	0
INDE	22	39	63	FOBS=	44.0	SIGMA=	7.9	PHAS=	-90.3	FOM=	0.04	TEST=	1
INDE	22	40	22	FOBS=	65.8	SIGMA=	3.1	PHAS=	53.3	FOM=	0.34	TEST=	0
INDE	22	40	24	FOBS=	178.8	SIGMA=	1.2	PHAS=	-25.5	FOM=	0.90	TEST=	0
INDE	22	40	26	FOBS=	157.6	SIGMA=	1.3	PHAS=	105.6	FOM=	0.87	TEST=	1
INDE	22	40	28	FOBS=	116.2	SIGMA=	1.6	PHAS=	-27.8	FOM=	0.86	TEST=	1
INDE	22	40	30	FOBS=	85.5	SIGMA=	2.1	PHAS=	-12.2	FOM=	0.81	TEST=	0
INDE	22	40	32	FOBS=	145.9	SIGMA=	1.3	PHAS=	-170.1	FOM=	0.89	TEST=	0
INDE	22	40	34	FOBS=	44.4	SIGMA=	4.7	PHAS=	172.5	FOM=	0.66	TEST=	0
INDE	22	40	36	FOBS=	77.5	SIGMA=	2.4	PHAS=	-107.4	FOM=	0.72	TEST=	0
INDE	22	40	38	FOBS=	18.5	SIGMA=	10.2	PHAS=	143.8	FOM=	0.29	TEST=	0
INDE	22	40	40	FOBS=	60.4	SIGMA=	3.0	PHAS=	74.3	FOM=	0.43	TEST=	1
INDE	22	40	42	FOBS=	58.2	SIGMA=	3.0	PHAS=	68.1	FOM=	0.87	TEST=	0
INDE	22	40	44	FOBS=	48.6	SIGMA=	3.7	PHAS=	-149.9	FOM=	0.84	TEST=	0
INDE	22	40	46	FOBS=	80.1	SIGMA=	2.3	PHAS=	-72.8	FOM=	0.81	TEST=	0
INDE	22	40	48	FOBS=	30.1	SIGMA=	6.7	PHAS=	-13.0	FOM=	0.42	TEST=	0
INDE	22	40	50	FOBS=	52.3	SIGMA=	3.6	PHAS=	-149.4	FOM=	0.82	TEST=	0
INDE	22	40	52	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	40	54	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	40	56	FOBS=	64.7	SIGMA=	3.5	PHAS=	-101.6	FOM=	0.55	TEST=	0
INDE	22	40	58	FOBS=	69.1	SIGMA=	3.2	PHAS=	-94.9	FOM=	0.67	TEST=	0
INDE	22	40	60	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	22	40	62	FOBS=	53.7	SIGMA=	7.9	PHAS=	165.9	FOM=	0.83	TEST=	0
INDE	22	41	23	FOBS=	128.6	SIGMA=	1.5	PHAS=	-32.0	FOM=	0.80	TEST=	0
INDE	22	41	25	FOBS=	54.4	SIGMA=	3.6	PHAS=	-56.9	FOM=	0.68	TEST=	0
INDE	22	41	27	FOBS=	121.5	SIGMA=	1.5	PHAS=	76.8	FOM=	0.92	TEST=	0
INDE	22	41	29	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	41	31	FOBS=	149.4	SIGMA=	1.4	PHAS=	52.9	FOM=	0.93	TEST=	0
INDE	22	41	33	FOBS=	99.5	SIGMA=	2.1	PHAS=	18.2	FOM=	0.92	TEST=	1
INDE	22	41	35	FOBS=	38.3	SIGMA=	4.9	PHAS=	153.2	FOM=	0.66	TEST=	0
INDE	22	41	37	FOBS=	66.6	SIGMA=	2.7	PHAS=	80.8	FOM=	0.76	TEST=	0
INDE	22	41	39	FOBS=	157.2	SIGMA=	1.2	PHAS=	6.2	FOM=	0.94	TEST=	0

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INDE	22	41	41	FOBS=	120.5	SIGMA=	1.5	PHAS=	-58.7	FOM=	0.93	TEST=	0
INDE	22	41	43	FOBS=	46.2	SIGMA=	4.1	PHAS=	19.9	FOM=	0.60	TEST=	0
INDE	22	41	45	FOBS=	84.0	SIGMA=	2.1	PHAS=	16.3	FOM=	0.75	TEST=	0
INDE	22	41	47	FOBS=	62.6	SIGMA=	3.1	PHAS=	-84.3	FOM=	0.41	TEST=	0
INDE	22	41	49	FOBS=	139.2	SIGMA=	1.4	PHAS=	108.4	FOM=	0.45	TEST=	1
INDE	22	41	51	FOBS=	99.3	SIGMA=	1.9	PHAS=	70.7	FOM=	0.86	TEST=	0
INDE	22	41	53	FOBS=	98.9	SIGMA=	2.1	PHAS=	77.2	FOM=	0.94	TEST=	0
INDE	22	41	55	FOBS=	85.2	SIGMA=	2.6	PHAS=	-92.6	FOM=	0.92	TEST=	0
INDE	22	41	57	FOBS=	48.4	SIGMA=	5.7	PHAS=	175.6	FOM=	0.70	TEST=	0
INDE	22	41	59	FOBS=	65.8	SIGMA=	4.9	PHAS=	152.5	FOM=	0.92	TEST=	0
INDE	22	41	61	FOBS=	104.7	SIGMA=	2.9	PHAS=	-44.3	FOM=	0.94	TEST=	0
INDE	22	42	22	FOBS=	172.7	SIGMA=	1.1	PHAS=	-130.6	FOM=	0.92	TEST=	0
INDE	22	42	24	FOBS=	83.6	SIGMA=	2.3	PHAS=	-151.6	FOM=	0.88	TEST=	0
INDE	22	42	26	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	42	28	FOBS=	152.9	SIGMA=	1.2	PHAS=	-30.6	FOM=	0.91	TEST=	0
INDE	22	42	30	FOBS=	88.8	SIGMA=	2.3	PHAS=	-51.0	FOM=	0.78	TEST=	0
INDE	22	42	32	FOBS=	228.8	SIGMA=	1.0	PHAS=	-102.7	FOM=	0.97	TEST=	0
INDE	22	42	34	FOBS=	144.0	SIGMA=	1.5	PHAS=	94.6	FOM=	0.87	TEST=	0
INDE	22	42	36	FOBS=	108.5	SIGMA=	1.7	PHAS=	-75.7	FOM=	0.91	TEST=	0
INDE	22	42	38	FOBS=	88.7	SIGMA=	2.0	PHAS=	-105.4	FOM=	0.91	TEST=	0
INDE	22	42	40	FOBS=	39.7	SIGMA=	4.6	PHAS=	152.5	FOM=	0.33	TEST=	0
INDE	22	42	42	FOBS=	63.6	SIGMA=	2.8	PHAS=	149.6	FOM=	0.69	TEST=	1
INDE	22	42	44	FOBS=	98.1	SIGMA=	1.8	PHAS=	-121.9	FOM=	0.82	TEST=	0
INDE	22	42	46	FOBS=	20.5	SIGMA=	8.7	PHAS=	-94.6	FOM=	0.18	TEST=	0
INDE	22	42	48	FOBS=	83.0	SIGMA=	2.3	PHAS=	5.9	FOM=	0.42	TEST=	1
INDE	22	42	50	FOBS=	82.1	SIGMA=	2.4	PHAS=	38.5	FOM=	0.96	TEST=	0
INDE	22	42	52	FOBS=	79.2	SIGMA=	2.6	PHAS=	-9.8	FOM=	0.92	TEST=	0
INDE	22	42	54	FOBS=	89.7	SIGMA=	2.3	PHAS=	-110.4	FOM=	0.93	TEST=	0
INDE	22	42	56	FOBS=	39.8	SIGMA=	7.8	PHAS=	44.9	FOM=	0.70	TEST=	0
INDE	22	42	58	FOBS=	61.5	SIGMA=	4.7	PHAS=	-5.3	FOM=	0.16	TEST=	1
INDE	22	42	60	FOBS=	43.9	SIGMA=	7.8	PHAS=	179.4	FOM=	0.34	TEST=	0
INDE	22	43	23	FOBS=	54.6	SIGMA=	3.2	PHAS=	129.0	FOM=	0.82	TEST=	0
INDE	22	43	25	FOBS=	120.0	SIGMA=	1.6	PHAS=	145.0	FOM=	0.58	TEST=	0
INDE	22	43	27	FOBS=	123.3	SIGMA=	1.8	PHAS=	-135.3	FOM=	0.79	TEST=	0
INDE	22	43	29	FOBS=	29.2	SIGMA=	7.2	PHAS=	123.0	FOM=	0.21	TEST=	0
INDE	22	43	31	FOBS=	183.8	SIGMA=	1.2	PHAS=	115.7	FOM=	0.92	TEST=	0
INDE	22	43	33	FOBS=	140.3	SIGMA=	1.5	PHAS=	105.2	FOM=	0.23	TEST=	1
INDE	22	43	35	FOBS=	55.3	SIGMA=	3.6	PHAS=	164.0	FOM=	0.84	TEST=	0
INDE	22	43	37	FOBS=	62.0	SIGMA=	2.9	PHAS=	-168.0	FOM=	0.83	TEST=	0
INDE	22	43	39	FOBS=	66.3	SIGMA=	2.7	PHAS=	21.0	FOM=	0.85	TEST=	0
INDE	22	43	41	FOBS=	123.6	SIGMA=	1.5	PHAS=	11.4	FOM=	0.93	TEST=	0
INDE	22	43	43	FOBS=	107.8	SIGMA=	1.7	PHAS=	72.4	FOM=	0.90	TEST=	0
INDE	22	43	45	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	43	47	FOBS=	52.2	SIGMA=	3.3	PHAS=	-54.0	FOM=	0.66	TEST=	0
INDE	22	43	49	FOBS=	31.4	SIGMA=	6.1	PHAS=	-66.7	FOM=	0.58	TEST=	0
INDE	22	43	51	FOBS=	107.0	SIGMA=	2.0	PHAS=	2.2	FOM=	0.94	TEST=	0
INDE	22	43	53	FOBS=	110.3	SIGMA=	1.9	PHAS=	156.5	FOM=	0.96	TEST=	0
INDE	22	43	55	FOBS=	87.9	SIGMA=	2.6	PHAS=	-103.2	FOM=	0.93	TEST=	0
INDE	22	43	57	FOBS=	40.3	SIGMA=	7.0	PHAS=	-76.2	FOM=	0.22	TEST=	0
INDE	22	43	59	FOBS=	53.6	SIGMA=	6.2	PHAS=	129.5	FOM=	0.87	TEST=	0
INDE	22	44	22	FOBS=	71.4	SIGMA=	2.5	PHAS=	121.5	FOM=	0.44	TEST=	1
INDE	22	44	24	FOBS=	66.8	SIGMA=	2.6	PHAS=	135.8	FOM=	0.18	TEST=	0
INDE	22	44	26	FOBS=	75.7	SIGMA=	2.6	PHAS=	143.4	FOM=	0.85	TEST=	0
INDE	22	44	28	FOBS=	35.8	SIGMA=	6.2	PHAS=	-139.5	FOM=	0.07	TEST=	1
INDE	22	44	30	FOBS=	88.4	SIGMA=	2.3	PHAS=	95.7	FOM=	0.62	TEST=	0
INDE	22	44	32	FOBS=	149.6	SIGMA=	1.4	PHAS=	-23.7	FOM=	0.93	TEST=	0
INDE	22	44	34	FOBS=	140.1	SIGMA=	1.5	PHAS=	75.9	FOM=	0.92	TEST=	0
INDE	22	44	36	FOBS=	65.9	SIGMA=	3.1	PHAS=	168.3	FOM=	0.42	TEST=	0
INDE	22	44	38	FOBS=	43.2	SIGMA=	4.6	PHAS=	-115.0	FOM=	0.89	TEST=	0
INDE	22	44	40	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	44	42	FOBS=	17.5	SIGMA=	10.0	PHAS=	18.1	FOM=	0.21	TEST=	0
INDE	22	44	44	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	44	46	FOBS=	41.5	SIGMA=	4.2	PHAS=	-166.0	FOM=	0.84	TEST=	0
INDE	22	44	48	FOBS=	41.2	SIGMA=	5.0	PHAS=	-88.5	FOM=	0.34	TEST=	1
INDE	22	44	50	FOBS=	95.0	SIGMA=	2.3	PHAS=	-47.4	FOM=	0.31	TEST=	1
INDE	22	44	52	FOBS=	107.2	SIGMA=	2.2	PHAS=	1.7	FOM=	0.94	TEST=	0
INDE	22	44	54	FOBS=	50.0	SIGMA=	5.0	PHAS=	135.0	FOM=	0.77	TEST=	0
INDE	22	44	56	FOBS=	46.1	SIGMA=	6.9	PHAS=	-114.3	FOM=	0.18	TEST=	0
INDE	22	44	58	FOBS=	0.0	SIGMA=	25.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	44	60	FOBS=	36.3	SIGMA=	8.3	PHAS=	87.0	FOM=	0.62	TEST=	0

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INDE	22	45	23	FOBS=	148.4	SIGMA=	1.4	PHAS=	98.2	FOM=	0.88	TEST=	0
INDE	22	45	25	FOBS=	43.9	SIGMA=	4.4	PHAS=	33.5	FOM=	0.59	TEST=	0
INDE	22	45	27	FOBS=	43.0	SIGMA=	4.4	PHAS=	159.6	FOM=	0.76	TEST=	0
INDE	22	45	29	FOBS=	95.0	SIGMA=	2.2	PHAS=	14.2	FOM=	0.94	TEST=	0
INDE	22	45	31	FOBS=	46.9	SIGMA=	4.1	PHAS=	-146.4	FOM=	0.58	TEST=	0
INDE	22	45	33	FOBS=	40.5	SIGMA=	5.1	PHAS=	-34.2	FOM=	0.53	TEST=	0
INDE	22	45	35	FOBS=	69.3	SIGMA=	2.9	PHAS=	81.7	FOM=	0.62	TEST=	0
INDE	22	45	37	FOBS=	51.4	SIGMA=	3.8	PHAS=	158.7	FOM=	0.41	TEST=	0
INDE	22	45	39	FOBS=	62.2	SIGMA=	2.9	PHAS=	-154.7	FOM=	0.82	TEST=	0
INDE	22	45	41	FOBS=	119.1	SIGMA=	1.6	PHAS=	19.8	FOM=	0.91	TEST=	0
INDE	22	45	43	FOBS=	21.1	SIGMA=	8.7	PHAS=	-20.3	FOM=	0.09	TEST=	0
INDE	22	45	45	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	45	47	FOBS=	62.6	SIGMA=	3.0	PHAS=	70.3	FOM=	0.67	TEST=	0
INDE	22	45	49	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	45	51	FOBS=	42.5	SIGMA=	6.5	PHAS=	-46.4	FOM=	0.28	TEST=	1
INDE	22	45	53	FOBS=	24.2	SIGMA=	9.4	PHAS=	-49.9	FOM=	0.63	TEST=	0
INDE	22	45	55	FOBS=	39.2	SIGMA=	7.1	PHAS=	104.6	FOM=	0.60	TEST=	0
INDE	22	45	57	FOBS=	78.2	SIGMA=	3.8	PHAS=	38.2	FOM=	0.83	TEST=	0
INDE	22	45	59	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	46	22	FOBS=	122.0	SIGMA=	1.5	PHAS=	68.4	FOM=	0.93	TEST=	0
INDE	22	46	24	FOBS=	56.6	SIGMA=	3.4	PHAS=	-159.7	FOM=	0.06	TEST=	1
INDE	22	46	26	FOBS=	134.8	SIGMA=	1.5	PHAS=	138.7	FOM=	0.95	TEST=	0
INDE	22	46	28	FOBS=	94.4	SIGMA=	2.1	PHAS=	130.7	FOM=	0.45	TEST=	1
INDE	22	46	30	FOBS=	80.7	SIGMA=	2.4	PHAS=	-124.6	FOM=	0.82	TEST=	0
INDE	22	46	32	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	46	34	FOBS=	45.4	SIGMA=	4.3	PHAS=	69.5	FOM=	0.32	TEST=	0
INDE	22	46	36	FOBS=	52.4	SIGMA=	4.0	PHAS=	-88.8	FOM=	0.54	TEST=	0
INDE	22	46	38	FOBS=	4.9	SIGMA=	39.6	PHAS=	156.1	FOM=	0.11	TEST=	0
INDE	22	46	40	FOBS=	70.0	SIGMA=	2.6	PHAS=	-167.1	FOM=	0.55	TEST=	0
INDE	22	46	42	FOBS=	30.0	SIGMA=	6.6	PHAS=	84.1	FOM=	0.47	TEST=	0
INDE	22	46	44	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	46	46	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	46	48	FOBS=	12.4	SIGMA=	18.3	PHAS=	71.5	FOM=	0.22	TEST=	0
INDE	22	46	50	FOBS=	58.6	SIGMA=	3.4	PHAS=	-128.4	FOM=	0.64	TEST=	0
INDE	22	46	52	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	46	54	FOBS=	42.4	SIGMA=	5.9	PHAS=	-124.9	FOM=	0.82	TEST=	0
INDE	22	46	56	FOBS=	150.4	SIGMA=	1.8	PHAS=	-45.9	FOM=	0.97	TEST=	0
INDE	22	46	58	FOBS=	73.9	SIGMA=	4.1	PHAS=	-59.4	FOM=	0.87	TEST=	0
INDE	22	47	23	FOBS=	78.3	SIGMA=	2.5	PHAS=	-34.9	FOM=	0.61	TEST=	0
INDE	22	47	25	FOBS=	85.7	SIGMA=	2.3	PHAS=	37.5	FOM=	0.92	TEST=	0
INDE	22	47	27	FOBS=	246.6	SIGMA=	1.0	PHAS=	36.8	FOM=	0.97	TEST=	0
INDE	22	47	29	FOBS=	95.7	SIGMA=	2.0	PHAS=	87.6	FOM=	0.85	TEST=	1
INDE	22	47	31	FOBS=	91.3	SIGMA=	2.2	PHAS=	65.5	FOM=	0.67	TEST=	0
INDE	22	47	33	FOBS=	55.0	SIGMA=	3.5	PHAS=	141.3	FOM=	0.70	TEST=	0
INDE	22	47	35	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	47	37	FOBS=	113.2	SIGMA=	1.8	PHAS=	78.2	FOM=	0.05	TEST=	1
INDE	22	47	39	FOBS=	40.3	SIGMA=	4.4	PHAS=	78.7	FOM=	0.29	TEST=	0
INDE	22	47	41	FOBS=	71.4	SIGMA=	2.5	PHAS=	-15.5	FOM=	0.90	TEST=	0
INDE	22	47	43	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	47	45	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	47	47	FOBS=	41.9	SIGMA=	4.8	PHAS=	-65.5	FOM=	0.28	TEST=	0
INDE	22	47	49	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	47	51	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	47	53	FOBS=	32.7	SIGMA=	7.1	PHAS=	156.9	FOM=	0.70	TEST=	0
INDE	22	47	55	FOBS=	136.3	SIGMA=	1.8	PHAS=	147.9	FOM=	0.97	TEST=	0
INDE	22	47	57	FOBS=	79.0	SIGMA=	3.8	PHAS=	-149.4	FOM=	0.87	TEST=	0
INDE	22	48	22	FOBS=	23.1	SIGMA=	7.5	PHAS=	174.0	FOM=	0.11	TEST=	0
INDE	22	48	24	FOBS=	50.9	SIGMA=	3.7	PHAS=	99.8	FOM=	0.79	TEST=	0
INDE	22	48	26	FOBS=	105.4	SIGMA=	1.9	PHAS=	-70.8	FOM=	0.50	TEST=	1
INDE	22	48	28	FOBS=	39.9	SIGMA=	5.1	PHAS=	-96.2	FOM=	0.40	TEST=	0
INDE	22	48	30	FOBS=	75.3	SIGMA=	2.6	PHAS=	-61.5	FOM=	0.23	TEST=	0
INDE	22	48	32	FOBS=	32.9	SIGMA=	6.3	PHAS=	32.6	FOM=	0.72	TEST=	0
INDE	22	48	34	FOBS=	45.9	SIGMA=	4.5	PHAS=	-83.5	FOM=	0.26	TEST=	1
INDE	22	48	36	FOBS=	38.7	SIGMA=	5.3	PHAS=	-56.6	FOM=	0.65	TEST=	0
INDE	22	48	38	FOBS=	68.8	SIGMA=	2.9	PHAS=	52.1	FOM=	0.85	TEST=	0
INDE	22	48	40	FOBS=	57.3	SIGMA=	3.3	PHAS=	-144.8	FOM=	0.74	TEST=	0
INDE	22	48	42	FOBS=	21.0	SIGMA=	9.6	PHAS=	-83.7	FOM=	0.03	TEST=	1
INDE	22	48	44	FOBS=	32.6	SIGMA=	6.2	PHAS=	115.2	FOM=	0.56	TEST=	0
INDE	22	48	46	FOBS=	82.5	SIGMA=	2.5	PHAS=	176.7	FOM=	0.90	TEST=	0
INDE	22	48	48	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	22	48	50	FOBS=	48.9	SIGMA=	4.2	PHAS=	-111.2	FOM=	0.36	TEST=	0
INDE	22	48	52	FOBS=	67.1	SIGMA=	3.1	PHAS=	14.6	FOM=	0.84	TEST=	0
INDE	22	48	54	FOBS=	10.2	SIGMA=	23.2	PHAS=	-57.3	FOM=	0.28	TEST=	0
INDE	22	48	56	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	22	49	23	FOBS=	106.4	SIGMA=	1.8	PHAS=	-3.8	FOM=	0.90	TEST=	0
INDE	22	49	25	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	49	27	FOBS=	144.4	SIGMA=	1.4	PHAS=	56.2	FOM=	0.96	TEST=	0
INDE	22	49	29	FOBS=	99.2	SIGMA=	2.0	PHAS=	130.3	FOM=	0.84	TEST=	0
INDE	22	49	31	FOBS=	179.7	SIGMA=	1.1	PHAS=	5.0	FOM=	0.92	TEST=	0
INDE	22	49	33	FOBS=	103.3	SIGMA=	1.8	PHAS=	152.7	FOM=	0.92	TEST=	0
INDE	22	49	35	FOBS=	95.1	SIGMA=	2.2	PHAS=	-171.8	FOM=	0.93	TEST=	0
INDE	22	49	37	FOBS=	37.6	SIGMA=	6.1	PHAS=	-6.6	FOM=	0.15	TEST=	1
INDE	22	49	39	FOBS=	30.8	SIGMA=	8.1	PHAS=	102.5	FOM=	0.46	TEST=	0
INDE	22	49	41	FOBS=	47.6	SIGMA=	4.3	PHAS=	-149.6	FOM=	0.77	TEST=	0
INDE	22	49	43	FOBS=	94.8	SIGMA=	2.2	PHAS=	-43.7	FOM=	0.76	TEST=	0
INDE	22	49	45	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	49	47	FOBS=	33.2	SIGMA=	6.1	PHAS=	163.5	FOM=	0.63	TEST=	0
INDE	22	49	49	FOBS=	44.6	SIGMA=	4.6	PHAS=	159.3	FOM=	0.31	TEST=	0
INDE	22	49	51	FOBS=	62.4	SIGMA=	3.3	PHAS=	-124.3	FOM=	0.83	TEST=	0
INDE	22	49	53	FOBS=	54.6	SIGMA=	3.8	PHAS=	-171.8	FOM=	0.81	TEST=	0
INDE	22	49	55	FOBS=	42.4	SIGMA=	6.9	PHAS=	-157.6	FOM=	0.78	TEST=	0
INDE	22	50	22	FOBS=	105.2	SIGMA=	1.6	PHAS=	-110.6	FOM=	0.80	TEST=	1
INDE	22	50	24	FOBS=	67.9	SIGMA=	2.8	PHAS=	-164.3	FOM=	0.79	TEST=	0
INDE	22	50	26	FOBS=	149.3	SIGMA=	1.3	PHAS=	-40.7	FOM=	0.95	TEST=	0
INDE	22	50	28	FOBS=	169.2	SIGMA=	1.2	PHAS=	-56.7	FOM=	0.97	TEST=	0
INDE	22	50	30	FOBS=	49.8	SIGMA=	4.1	PHAS=	-126.6	FOM=	0.76	TEST=	0
INDE	22	50	32	FOBS=	101.4	SIGMA=	1.8	PHAS=	0.3	FOM=	0.90	TEST=	0
INDE	22	50	34	FOBS=	123.6	SIGMA=	1.8	PHAS=	69.1	FOM=	0.90	TEST=	0
INDE	22	50	36	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	50	38	FOBS=	93.3	SIGMA=	2.5	PHAS=	68.9	FOM=	0.91	TEST=	0
INDE	22	50	40	FOBS=	109.4	SIGMA=	2.0	PHAS=	137.6	FOM=	0.90	TEST=	0
INDE	22	50	42	FOBS=	46.3	SIGMA=	4.4	PHAS=	174.8	FOM=	0.78	TEST=	0
INDE	22	50	44	FOBS=	89.3	SIGMA=	2.3	PHAS=	102.5	FOM=	0.93	TEST=	0
INDE	22	50	46	FOBS=	49.2	SIGMA=	4.2	PHAS=	142.7	FOM=	0.68	TEST=	0
INDE	22	50	48	FOBS=	85.6	SIGMA=	2.5	PHAS=	43.6	FOM=	0.86	TEST=	0
INDE	22	50	50	FOBS=	70.1	SIGMA=	3.0	PHAS=	-63.7	FOM=	0.67	TEST=	0
INDE	22	50	52	FOBS=	42.3	SIGMA=	5.0	PHAS=	53.5	FOM=	0.72	TEST=	0
INDE	22	50	54	FOBS=	41.4	SIGMA=	6.6	PHAS=	155.6	FOM=	0.55	TEST=	0
INDE	22	51	23	FOBS=	12.5	SIGMA=	14.4	PHAS=	85.6	FOM=	0.28	TEST=	0
INDE	22	51	25	FOBS=	111.5	SIGMA=	1.8	PHAS=	158.1	FOM=	0.92	TEST=	0
INDE	22	51	27	FOBS=	212.8	SIGMA=	1.1	PHAS=	-169.4	FOM=	0.98	TEST=	0
INDE	22	51	29	FOBS=	132.9	SIGMA=	1.7	PHAS=	-170.9	FOM=	0.97	TEST=	0
INDE	22	51	31	FOBS=	46.3	SIGMA=	4.7	PHAS=	30.1	FOM=	0.68	TEST=	0
INDE	22	51	33	FOBS=	110.7	SIGMA=	1.8	PHAS=	-96.2	FOM=	0.93	TEST=	0
INDE	22	51	35	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	51	37	FOBS=	124.6	SIGMA=	1.9	PHAS=	-15.2	FOM=	0.91	TEST=	0
INDE	22	51	39	FOBS=	29.6	SIGMA=	7.7	PHAS=	0.9	FOM=	0.53	TEST=	0
INDE	22	51	41	FOBS=	48.5	SIGMA=	4.2	PHAS=	100.4	FOM=	0.85	TEST=	0
INDE	22	51	43	FOBS=	105.4	SIGMA=	2.0	PHAS=	75.5	FOM=	0.91	TEST=	0
INDE	22	51	45	FOBS=	24.0	SIGMA=	9.1	PHAS=	-17.1	FOM=	0.36	TEST=	0
INDE	22	51	47	FOBS=	34.2	SIGMA=	6.4	PHAS=	-176.7	FOM=	0.20	TEST=	0
INDE	22	51	49	FOBS=	81.9	SIGMA=	2.8	PHAS=	-127.5	FOM=	0.91	TEST=	0
INDE	22	51	51	FOBS=	94.8	SIGMA=	2.5	PHAS=	-126.8	FOM=	0.94	TEST=	0
INDE	22	51	53	FOBS=	23.3	SIGMA=	13.5	PHAS=	96.5	FOM=	0.18	TEST=	0
INDE	22	52	22	FOBS=	16.6	SIGMA=	11.4	PHAS=	19.2	FOM=	0.22	TEST=	0
INDE	22	52	24	FOBS=	83.7	SIGMA=	2.6	PHAS=	58.4	FOM=	0.86	TEST=	0
INDE	22	52	26	FOBS=	178.4	SIGMA=	1.3	PHAS=	57.1	FOM=	0.96	TEST=	0
INDE	22	52	28	FOBS=	52.0	SIGMA=	4.2	PHAS=	162.3	FOM=	0.50	TEST=	0
INDE	22	52	30	FOBS=	83.5	SIGMA=	2.6	PHAS=	160.7	FOM=	0.85	TEST=	0
INDE	22	52	32	FOBS=	40.0	SIGMA=	5.4	PHAS=	-159.7	FOM=	0.53	TEST=	0
INDE	22	52	34	FOBS=	28.8	SIGMA=	6.6	PHAS=	-68.1	FOM=	0.23	TEST=	0
INDE	22	52	36	FOBS=	33.7	SIGMA=	6.1	PHAS=	-45.7	FOM=	0.58	TEST=	0
INDE	22	52	38	FOBS=	49.9	SIGMA=	4.9	PHAS=	-108.0	FOM=	0.56	TEST=	0
INDE	22	52	40	FOBS=	84.8	SIGMA=	2.8	PHAS=	173.2	FOM=	0.91	TEST=	0
INDE	22	52	42	FOBS=	49.0	SIGMA=	4.2	PHAS=	3.3	FOM=	0.42	TEST=	0
INDE	22	52	44	FOBS=	86.6	SIGMA=	2.7	PHAS=	97.9	FOM=	0.93	TEST=	0
INDE	22	52	46	FOBS=	52.8	SIGMA=	4.4	PHAS=	109.4	FOM=	0.52	TEST=	0
INDE	22	52	48	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	22	52	50	FOBS=	16.7	SIGMA=	16.5	PHAS=	111.9	FOM=	0.48	TEST=	0
INDE	22	52	52	FOBS=	0.0	SIGMA=	27.1	PHAS=	0.0	FOM=	0.00	TEST=	0

INDE	22	53	23	FOBS=	122.5	SIGMA=	1.6	PHAS=	-95.7	FOM=	0.90	TEST=	1
INDE	22	53	25	FOBS=	13.9	SIGMA=	16.8	PHAS=	-137.3	FOM=	0.19	TEST=	0
INDE	22	53	27	FOBS=	59.7	SIGMA=	3.6	PHAS=	-131.4	FOM=	0.85	TEST=	0
INDE	22	53	29	FOBS=	83.3	SIGMA=	2.7	PHAS=	92.6	FOM=	0.82	TEST=	0
INDE	22	53	31	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	53	33	FOBS=	135.0	SIGMA=	1.6	PHAS=	-162.1	FOM=	0.89	TEST=	0
INDE	22	53	35	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	53	37	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	53	39	FOBS=	34.6	SIGMA=	7.5	PHAS=	145.1	FOM=	0.61	TEST=	0
INDE	22	53	41	FOBS=	82.3	SIGMA=	3.3	PHAS=	69.5	FOM=	0.90	TEST=	0
INDE	22	53	43	FOBS=	81.2	SIGMA=	3.1	PHAS=	12.6	FOM=	0.90	TEST=	0
INDE	22	53	45	FOBS=	60.4	SIGMA=	4.2	PHAS=	5.5	FOM=	0.84	TEST=	0
INDE	22	53	47	FOBS=	38.6	SIGMA=	7.2	PHAS=	44.5	FOM=	0.38	TEST=	0
INDE	22	53	49	FOBS=	85.1	SIGMA=	3.1	PHAS=	-41.0	FOM=	0.84	TEST=	0
INDE	22	53	51	FOBS=	62.2	SIGMA=	5.2	PHAS=	-91.7	FOM=	0.87	TEST=	0
INDE	22	54	22	FOBS=	43.3	SIGMA=	4.0	PHAS=	26.6	FOM=	0.55	TEST=	0
INDE	22	54	24	FOBS=	74.0	SIGMA=	2.9	PHAS=	153.6	FOM=	0.87	TEST=	0
INDE	22	54	26	FOBS=	2.3	SIGMA=	94.6	PHAS=	-158.8	FOM=	0.02	TEST=	0
INDE	22	54	28	FOBS=	68.8	SIGMA=	3.2	PHAS=	-24.8	FOM=	0.87	TEST=	0
INDE	22	54	30	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	54	32	FOBS=	36.9	SIGMA=	7.1	PHAS=	99.8	FOM=	0.23	TEST=	1
INDE	22	54	34	FOBS=	46.0	SIGMA=	4.7	PHAS=	24.7	FOM=	0.77	TEST=	0
INDE	22	54	36	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	54	38	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	54	40	FOBS=	64.1	SIGMA=	4.7	PHAS=	30.8	FOM=	0.76	TEST=	0
INDE	22	54	42	FOBS=	76.7	SIGMA=	3.3	PHAS=	-74.3	FOM=	0.84	TEST=	0
INDE	22	54	44	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	54	46	FOBS=	61.2	SIGMA=	4.2	PHAS=	-68.7	FOM=	0.88	TEST=	0
INDE	22	54	48	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	54	50	FOBS=	82.6	SIGMA=	4.1	PHAS=	-93.9	FOM=	0.90	TEST=	0
INDE	22	55	23	FOBS=	115.3	SIGMA=	1.6	PHAS=	15.1	FOM=	0.45	TEST=	1
INDE	22	55	25	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	55	27	FOBS=	176.4	SIGMA=	1.3	PHAS=	-124.3	FOM=	0.96	TEST=	0
INDE	22	55	29	FOBS=	62.3	SIGMA=	3.5	PHAS=	-104.9	FOM=	0.77	TEST=	0
INDE	22	55	31	FOBS=	39.8	SIGMA=	6.0	PHAS=	-163.5	FOM=	0.58	TEST=	0
INDE	22	55	33	FOBS=	96.3	SIGMA=	2.6	PHAS=	-74.3	FOM=	0.31	TEST=	1
INDE	22	55	35	FOBS=	41.7	SIGMA=	5.4	PHAS=	162.3	FOM=	0.24	TEST=	0
INDE	22	55	37	FOBS=	40.4	SIGMA=	5.6	PHAS=	163.9	FOM=	0.26	TEST=	0
INDE	22	55	39	FOBS=	71.1	SIGMA=	4.2	PHAS=	-152.2	FOM=	0.81	TEST=	0
INDE	22	55	41	FOBS=	31.6	SIGMA=	12.8	PHAS=	107.5	FOM=	0.18	TEST=	0
INDE	22	55	43	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	22	55	45	FOBS=	85.5	SIGMA=	3.0	PHAS=	171.2	FOM=	0.86	TEST=	0
INDE	22	55	47	FOBS=	0.0	SIGMA=	25.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	55	49	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	56	22	FOBS=	88.7	SIGMA=	2.8	PHAS=	89.8	FOM=	0.59	TEST=	0
INDE	22	56	24	FOBS=	136.9	SIGMA=	1.8	PHAS=	158.1	FOM=	0.91	TEST=	0
INDE	22	56	26	FOBS=	38.5	SIGMA=	6.1	PHAS=	-170.9	FOM=	0.42	TEST=	0
INDE	22	56	28	FOBS=	68.0	SIGMA=	3.9	PHAS=	146.6	FOM=	0.63	TEST=	0
INDE	22	56	30	FOBS=	55.5	SIGMA=	4.9	PHAS=	126.0	FOM=	0.93	TEST=	0
INDE	22	56	32	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	56	34	FOBS=	33.2	SIGMA=	8.1	PHAS=	-30.4	FOM=	0.43	TEST=	1
INDE	22	56	36	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	56	38	FOBS=	88.5	SIGMA=	2.6	PHAS=	125.3	FOM=	0.88	TEST=	0
INDE	22	56	40	FOBS=	19.1	SIGMA=	18.2	PHAS=	89.1	FOM=	0.39	TEST=	0
INDE	22	56	42	FOBS=	0.0	SIGMA=	26.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	56	44	FOBS=	83.1	SIGMA=	3.1	PHAS=	-27.3	FOM=	0.74	TEST=	0
INDE	22	56	46	FOBS=	68.6	SIGMA=	3.9	PHAS=	-107.3	FOM=	0.81	TEST=	0
INDE	22	56	48	FOBS=	0.0	SIGMA=	27.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	57	23	FOBS=	61.1	SIGMA=	3.6	PHAS=	37.3	FOM=	0.07	TEST=	1
INDE	22	57	25	FOBS=	55.8	SIGMA=	4.6	PHAS=	111.9	FOM=	0.59	TEST=	0
INDE	22	57	27	FOBS=	56.4	SIGMA=	4.7	PHAS=	-96.2	FOM=	0.80	TEST=	0
INDE	22	57	29	FOBS=	81.2	SIGMA=	3.3	PHAS=	-58.2	FOM=	0.92	TEST=	0
INDE	22	57	31	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	57	33	FOBS=	84.9	SIGMA=	3.3	PHAS=	122.1	FOM=	0.38	TEST=	0
INDE	22	57	35	FOBS=	30.0	SIGMA=	9.1	PHAS=	152.8	FOM=	0.68	TEST=	0
INDE	22	57	37	FOBS=	25.9	SIGMA=	10.7	PHAS=	-32.5	FOM=	0.13	TEST=	0
INDE	22	57	39	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	57	41	FOBS=	18.5	SIGMA=	16.2	PHAS=	27.3	FOM=	0.10	TEST=	0
INDE	22	57	43	FOBS=	30.5	SIGMA=	9.1	PHAS=	175.8	FOM=	0.48	TEST=	0
INDE	22	57	45	FOBS=	86.7	SIGMA=	3.1	PHAS=	-171.8	FOM=	0.92	TEST=	0

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INDE	22	57	47	FOBS=	0.0	SIGMA=	30.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	58	22	FOBS=	81.9	SIGMA=	3.5	PHAS=	-54.0	FOM=	0.72	TEST=	0
INDE	22	58	24	FOBS=	102.2	SIGMA=	2.2	PHAS=	129.9	FOM=	0.92	TEST=	0
INDE	22	58	26	FOBS=	12.6	SIGMA=	20.3	PHAS=	-9.3	FOM=	0.29	TEST=	0
INDE	22	58	28	FOBS=	94.8	SIGMA=	2.8	PHAS=	-175.7	FOM=	0.90	TEST=	0
INDE	22	58	30	FOBS=	57.3	SIGMA=	4.7	PHAS=	-171.0	FOM=	0.80	TEST=	0
INDE	22	58	32	FOBS=	60.8	SIGMA=	4.5	PHAS=	-12.7	FOM=	0.74	TEST=	0
INDE	22	58	34	FOBS=	97.7	SIGMA=	2.9	PHAS=	3.2	FOM=	0.91	TEST=	0
INDE	22	58	36	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	58	38	FOBS=	50.6	SIGMA=	4.6	PHAS=	134.8	FOM=	0.82	TEST=	0
INDE	22	58	40	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	58	42	FOBS=	28.2	SIGMA=	11.0	PHAS=	115.9	FOM=	0.11	TEST=	0
INDE	22	58	44	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	58	46	FOBS=	61.1	SIGMA=	5.4	PHAS=	-163.0	FOM=	0.64	TEST=	0
INDE	22	59	23	FOBS=	81.8	SIGMA=	3.5	PHAS=	51.2	FOM=	0.81	TEST=	0
INDE	22	59	25	FOBS=	43.5	SIGMA=	5.9	PHAS=	14.8	FOM=	0.60	TEST=	0
INDE	22	59	27	FOBS=	47.3	SIGMA=	5.5	PHAS=	-161.6	FOM=	0.31	TEST=	0
INDE	22	59	29	FOBS=	50.4	SIGMA=	5.2	PHAS=	-144.9	FOM=	0.46	TEST=	0
INDE	22	59	31	FOBS=	57.7	SIGMA=	4.7	PHAS=	150.9	FOM=	0.79	TEST=	0
INDE	22	59	33	FOBS=	92.3	SIGMA=	3.1	PHAS=	-51.1	FOM=	0.89	TEST=	0
INDE	22	59	35	FOBS=	36.9	SIGMA=	7.6	PHAS=	71.4	FOM=	0.13	TEST=	0
INDE	22	59	37	FOBS=	47.3	SIGMA=	4.9	PHAS=	133.3	FOM=	0.14	TEST=	1
INDE	22	59	39	FOBS=	35.1	SIGMA=	8.5	PHAS=	-35.9	FOM=	0.09	TEST=	1
INDE	22	59	41	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	59	43	FOBS=	0.0	SIGMA=	25.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	59	45	FOBS=	23.2	SIGMA=	16.1	PHAS=	123.5	FOM=	0.47	TEST=	0
INDE	22	60	22	FOBS=	86.0	SIGMA=	3.3	PHAS=	-69.2	FOM=	0.89	TEST=	0
INDE	22	60	24	FOBS=	48.6	SIGMA=	5.8	PHAS=	14.6	FOM=	0.55	TEST=	0
INDE	22	60	26	FOBS=	41.0	SIGMA=	7.3	PHAS=	12.6	FOM=	0.77	TEST=	0
INDE	22	60	28	FOBS=	65.9	SIGMA=	4.0	PHAS=	88.9	FOM=	0.69	TEST=	0
INDE	22	60	30	FOBS=	14.1	SIGMA=	18.7	PHAS=	-4.9	FOM=	0.04	TEST=	0
INDE	22	60	32	FOBS=	63.7	SIGMA=	4.3	PHAS=	-67.5	FOM=	0.88	TEST=	0
INDE	22	60	34	FOBS=	67.1	SIGMA=	4.2	PHAS=	-170.4	FOM=	0.51	TEST=	0
INDE	22	60	36	FOBS=	60.6	SIGMA=	4.7	PHAS=	3.4	FOM=	0.60	TEST=	0
INDE	22	60	38	FOBS=	97.1	SIGMA=	2.5	PHAS=	-68.5	FOM=	0.85	TEST=	0
INDE	22	60	40	FOBS=	0.0	SIGMA=	22.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	60	42	FOBS=	53.5	SIGMA=	5.1	PHAS=	-179.5	FOM=	0.80	TEST=	0
INDE	22	60	44	FOBS=	28.7	SIGMA=	16.4	PHAS=	-15.0	FOM=	0.37	TEST=	0
INDE	22	61	23	FOBS=	51.2	SIGMA=	5.4	PHAS=	-50.8	FOM=	0.12	TEST=	1
INDE	22	61	25	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	61	27	FOBS=	43.6	SIGMA=	6.0	PHAS=	152.1	FOM=	0.04	TEST=	1
INDE	22	61	29	FOBS=	53.7	SIGMA=	4.9	PHAS=	-70.9	FOM=	0.35	TEST=	1
INDE	22	61	31	FOBS=	0.0	SIGMA=	25.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	61	33	FOBS=	107.9	SIGMA=	2.7	PHAS=	-153.3	FOM=	0.34	TEST=	1
INDE	22	61	35	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	61	37	FOBS=	45.9	SIGMA=	5.1	PHAS=	150.9	FOM=	0.59	TEST=	0
INDE	22	61	39	FOBS=	36.9	SIGMA=	6.5	PHAS=	-3.7	FOM=	0.04	TEST=	0
INDE	22	61	41	FOBS=	27.9	SIGMA=	10.7	PHAS=	144.3	FOM=	0.61	TEST=	0
INDE	22	62	22	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	22	62	24	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	62	26	FOBS=	58.9	SIGMA=	4.4	PHAS=	113.2	FOM=	0.38	TEST=	0
INDE	22	62	28	FOBS=	86.9	SIGMA=	3.1	PHAS=	-145.3	FOM=	0.83	TEST=	0
INDE	22	62	30	FOBS=	58.9	SIGMA=	4.6	PHAS=	-120.3	FOM=	0.65	TEST=	0
INDE	22	62	32	FOBS=	71.4	SIGMA=	3.9	PHAS=	115.0	FOM=	0.66	TEST=	0
INDE	22	62	34	FOBS=	46.9	SIGMA=	6.0	PHAS=	-167.7	FOM=	0.53	TEST=	0
INDE	22	62	36	FOBS=	55.6	SIGMA=	5.2	PHAS=	50.1	FOM=	0.79	TEST=	0
INDE	22	62	38	FOBS=	87.5	SIGMA=	2.8	PHAS=	-41.0	FOM=	0.94	TEST=	0
INDE	22	62	40	FOBS=	0.0	SIGMA=	24.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	63	23	FOBS=	84.9	SIGMA=	3.4	PHAS=	6.3	FOM=	0.89	TEST=	0
INDE	22	63	25	FOBS=	46.7	SIGMA=	6.1	PHAS=	72.5	FOM=	0.22	TEST=	0
INDE	22	63	27	FOBS=	66.5	SIGMA=	4.0	PHAS=	112.3	FOM=	0.87	TEST=	0
INDE	22	63	29	FOBS=	22.7	SIGMA=	11.6	PHAS=	76.5	FOM=	0.44	TEST=	0
INDE	22	63	31	FOBS=	60.0	SIGMA=	4.5	PHAS=	-2.9	FOM=	0.85	TEST=	0
INDE	22	63	33	FOBS=	13.8	SIGMA=	20.1	PHAS=	10.6	FOM=	0.22	TEST=	0
INDE	22	63	35	FOBS=	29.9	SIGMA=	11.0	PHAS=	-128.2	FOM=	0.51	TEST=	0
INDE	22	63	37	FOBS=	38.1	SIGMA=	8.9	PHAS=	-118.8	FOM=	0.60	TEST=	0
INDE	22	63	39	FOBS=	40.2	SIGMA=	8.6	PHAS=	-144.5	FOM=	0.83	TEST=	0
INDE	22	64	22	FOBS=	31.6	SIGMA=	8.7	PHAS=	-145.6	FOM=	0.34	TEST=	0
INDE	22	64	24	FOBS=	75.8	SIGMA=	3.8	PHAS=	-90.0	FOM=	0.88	TEST=	0
INDE	22	64	26	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0

INDE	22	64	28	FOBS=	27.7	SIGMA=	11.0	PHAS=	-102.5	FOM=	0.61	TEST=	0
INDE	22	64	30	FOBS=	77.1	SIGMA=	4.1	PHAS=	-88.3	FOM=	0.89	TEST=	0
INDE	22	64	32	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	64	34	FOBS=	54.4	SIGMA=	6.1	PHAS=	-131.4	FOM=	0.80	TEST=	0
INDE	22	64	36	FOBS=	59.2	SIGMA=	5.8	PHAS=	135.4	FOM=	0.91	TEST=	0
INDE	22	64	38	FOBS=	10.4	SIGMA=	41.5	PHAS=	-38.5	FOM=	0.35	TEST=	0
INDE	22	65	23	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	65	25	FOBS=	46.4	SIGMA=	6.2	PHAS=	85.6	FOM=	0.17	TEST=	1
INDE	22	65	27	FOBS=	67.6	SIGMA=	5.7	PHAS=	118.7	FOM=	0.81	TEST=	0
INDE	22	65	29	FOBS=	42.5	SIGMA=	7.4	PHAS=	-144.6	FOM=	0.07	TEST=	1
INDE	22	65	31	FOBS=	57.7	SIGMA=	5.6	PHAS=	-99.9	FOM=	0.68	TEST=	0
INDE	22	65	33	FOBS=	83.3	SIGMA=	4.0	PHAS=	53.9	FOM=	0.90	TEST=	0
INDE	22	65	35	FOBS=	104.1	SIGMA=	3.4	PHAS=	81.1	FOM=	0.94	TEST=	0
INDE	22	66	22	FOBS=	34.9	SIGMA=	9.6	PHAS=	-165.3	FOM=	0.79	TEST=	0
INDE	22	66	24	FOBS=	29.8	SIGMA=	11.5	PHAS=	179.8	FOM=	0.33	TEST=	0
INDE	22	66	26	FOBS=	74.2	SIGMA=	3.9	PHAS=	-10.0	FOM=	0.88	TEST=	0
INDE	22	66	28	FOBS=	50.8	SIGMA=	6.2	PHAS=	159.2	FOM=	0.81	TEST=	0
INDE	22	66	30	FOBS=	47.5	SIGMA=	6.7	PHAS=	75.9	FOM=	0.72	TEST=	0
INDE	22	66	32	FOBS=	36.3	SIGMA=	10.7	PHAS=	-67.6	FOM=	0.47	TEST=	0
INDE	22	66	34	FOBS=	81.9	SIGMA=	4.2	PHAS=	-16.7	FOM=	0.93	TEST=	0
INDE	22	67	23	FOBS=	51.0	SIGMA=	8.3	PHAS=	75.5	FOM=	0.30	TEST=	0
INDE	22	67	25	FOBS=	22.3	SIGMA=	16.0	PHAS=	-134.0	FOM=	0.18	TEST=	0
INDE	22	67	27	FOBS=	40.2	SIGMA=	8.7	PHAS=	118.1	FOM=	0.06	TEST=	1
INDE	22	67	29	FOBS=	35.5	SIGMA=	11.2	PHAS=	5.5	FOM=	0.58	TEST=	0
INDE	22	67	31	FOBS=	62.6	SIGMA=	5.3	PHAS=	-63.1	FOM=	0.58	TEST=	0
INDE	22	68	22	FOBS=	0.0	SIGMA=	29.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	68	24	FOBS=	30.2	SIGMA=	14.7	PHAS=	-163.2	FOM=	0.18	TEST=	0
INDE	22	68	26	FOBS=	56.1	SIGMA=	8.2	PHAS=	-72.5	FOM=	0.78	TEST=	0
INDE	22	68	30	FOBS=	118.5	SIGMA=	3.6	PHAS=	-141.0	FOM=	0.59	TEST=	0
INDE	22	69	23	FOBS=	57.0	SIGMA=	7.8	PHAS=	-115.2	FOM=	0.73	TEST=	0
INDE	22	69	25	FOBS=	60.6	SIGMA=	7.5	PHAS=	-179.5	FOM=	0.50	TEST=	0
INDE	22	69	27	FOBS=	0.0	SIGMA=	30.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	22	70	22	FOBS=	96.1	SIGMA=	4.5	PHAS=	109.2	FOM=	0.88	TEST=	0
INDE	23	24	23	FOBS=	49.4	SIGMA=	3.0	PHAS=	-138.6	FOM=	0.94	TEST=	0
INDE	23	24	25	FOBS=	354.0	SIGMA=	0.6	PHAS=	175.9	FOM=	0.97	TEST=	0
INDE	23	24	27	FOBS=	54.9	SIGMA=	2.5	PHAS=	-145.8	FOM=	0.32	TEST=	0
INDE	23	24	29	FOBS=	135.4	SIGMA=	1.1	PHAS=	116.5	FOM=	0.91	TEST=	0
INDE	23	24	31	FOBS=	181.2	SIGMA=	0.9	PHAS=	168.3	FOM=	0.98	TEST=	0
INDE	23	24	33	FOBS=	127.8	SIGMA=	1.3	PHAS=	-38.3	FOM=	0.86	TEST=	0
INDE	23	24	35	FOBS=	71.3	SIGMA=	2.3	PHAS=	-32.4	FOM=	0.70	TEST=	0
INDE	23	24	37	FOBS=	40.7	SIGMA=	4.4	PHAS=	54.4	FOM=	0.63	TEST=	0
INDE	23	24	39	FOBS=	204.1	SIGMA=	1.0	PHAS=	99.3	FOM=	0.95	TEST=	0
INDE	23	24	41	FOBS=	78.2	SIGMA=	2.2	PHAS=	168.3	FOM=	0.97	TEST=	0
INDE	23	24	43	FOBS=	167.6	SIGMA=	1.2	PHAS=	17.5	FOM=	0.89	TEST=	0
INDE	23	24	45	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	24	47	FOBS=	54.4	SIGMA=	2.8	PHAS=	-157.9	FOM=	0.85	TEST=	0
INDE	23	24	49	FOBS=	66.2	SIGMA=	2.5	PHAS=	18.5	FOM=	0.94	TEST=	0
INDE	23	24	51	FOBS=	90.7	SIGMA=	1.8	PHAS=	140.2	FOM=	0.63	TEST=	0
INDE	23	24	53	FOBS=	61.0	SIGMA=	2.7	PHAS=	-117.3	FOM=	0.82	TEST=	0
INDE	23	24	55	FOBS=	91.8	SIGMA=	2.0	PHAS=	-133.8	FOM=	0.93	TEST=	0
INDE	23	24	57	FOBS=	120.0	SIGMA=	2.6	PHAS=	-22.1	FOM=	0.96	TEST=	0
INDE	23	24	59	FOBS=	45.5	SIGMA=	6.4	PHAS=	122.1	FOM=	0.65	TEST=	0
INDE	23	24	61	FOBS=	60.1	SIGMA=	4.9	PHAS=	142.1	FOM=	0.81	TEST=	0
INDE	23	24	63	FOBS=	25.7	SIGMA=	11.3	PHAS=	138.2	FOM=	0.33	TEST=	0
INDE	23	24	65	FOBS=	62.4	SIGMA=	7.1	PHAS=	-86.8	FOM=	0.83	TEST=	0
INDE	23	24	67	FOBS=	61.2	SIGMA=	7.4	PHAS=	2.0	FOM=	0.87	TEST=	0
INDE	23	24	69	FOBS=	58.9	SIGMA=	7.4	PHAS=	157.3	FOM=	0.83	TEST=	0
INDE	23	25	24	FOBS=	125.4	SIGMA=	1.3	PHAS=	64.5	FOM=	0.88	TEST=	0
INDE	23	25	26	FOBS=	119.0	SIGMA=	1.2	PHAS=	79.6	FOM=	0.91	TEST=	0
INDE	23	25	28	FOBS=	51.2	SIGMA=	2.9	PHAS=	-23.2	FOM=	0.88	TEST=	0
INDE	23	25	30	FOBS=	183.2	SIGMA=	1.0	PHAS=	-1.4	FOM=	0.97	TEST=	0
INDE	23	25	32	FOBS=	100.5	SIGMA=	1.6	PHAS=	-27.8	FOM=	0.98	TEST=	0
INDE	23	25	34	FOBS=	151.3	SIGMA=	1.1	PHAS=	-118.6	FOM=	0.89	TEST=	0
INDE	23	25	36	FOBS=	74.6	SIGMA=	2.2	PHAS=	-106.5	FOM=	0.78	TEST=	0
INDE	23	25	38	FOBS=	295.0	SIGMA=	0.8	PHAS=	-8.4	FOM=	0.97	TEST=	0
INDE	23	25	40	FOBS=	239.7	SIGMA=	0.8	PHAS=	101.1	FOM=	0.97	TEST=	0
INDE	23	25	42	FOBS=	56.1	SIGMA=	3.1	PHAS=	-121.3	FOM=	0.66	TEST=	0
INDE	23	25	44	FOBS=	47.2	SIGMA=	4.1	PHAS=	-113.9	FOM=	0.30	TEST=	0
INDE	23	25	46	FOBS=	133.1	SIGMA=	1.3	PHAS=	93.8	FOM=	0.91	TEST=	0
INDE	23	25	48	FOBS=	82.3	SIGMA=	1.9	PHAS=	-111.4	FOM=	0.94	TEST=	0

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INDE	23	25	50	FOBS=	96.4	SIGMA=	1.8	PHAS=	21.2	FOM=	0.88	TEST=	0
INDE	23	25	52	FOBS=	48.5	SIGMA=	3.4	PHAS=	116.9	FOM=	0.86	TEST=	0
INDE	23	25	54	FOBS=	191.1	SIGMA=	1.0	PHAS=	-171.9	FOM=	0.98	TEST=	0
INDE	23	25	56	FOBS=	78.3	SIGMA=	3.3	PHAS=	-94.6	FOM=	0.84	TEST=	0
INDE	23	25	58	FOBS=	40.9	SIGMA=	7.0	PHAS=	-83.8	FOM=	0.49	TEST=	0
INDE	23	25	60	FOBS=	114.2	SIGMA=	2.6	PHAS=	83.1	FOM=	0.93	TEST=	0
INDE	23	25	62	FOBS=	78.0	SIGMA=	3.8	PHAS=	88.1	FOM=	0.92	TEST=	0
INDE	23	25	64	FOBS=	82.5	SIGMA=	3.6	PHAS=	124.0	FOM=	0.91	TEST=	0
INDE	23	25	66	FOBS=	39.9	SIGMA=	11.2	PHAS=	-101.2	FOM=	0.63	TEST=	0
INDE	23	25	68	FOBS=	19.4	SIGMA=	23.2	PHAS=	-125.2	FOM=	0.45	TEST=	0
INDE	23	26	23	FOBS=	235.1	SIGMA=	0.8	PHAS=	-45.1	FOM=	0.97	TEST=	0
INDE	23	26	25	FOBS=	127.5	SIGMA=	1.3	PHAS=	114.9	FOM=	0.86	TEST=	0
INDE	23	26	27	FOBS=	137.2	SIGMA=	1.2	PHAS=	150.3	FOM=	0.95	TEST=	0
INDE	23	26	29	FOBS=	127.7	SIGMA=	1.3	PHAS=	-93.7	FOM=	0.93	TEST=	0
INDE	23	26	31	FOBS=	145.6	SIGMA=	1.2	PHAS=	44.9	FOM=	0.96	TEST=	0
INDE	23	26	33	FOBS=	154.4	SIGMA=	1.1	PHAS=	-165.0	FOM=	0.48	TEST=	0
INDE	23	26	35	FOBS=	138.6	SIGMA=	1.3	PHAS=	-105.5	FOM=	0.80	TEST=	0
INDE	23	26	37	FOBS=	146.0	SIGMA=	1.2	PHAS=	-50.9	FOM=	0.95	TEST=	0
INDE	23	26	39	FOBS=	53.7	SIGMA=	3.5	PHAS=	10.9	FOM=	0.70	TEST=	0
INDE	23	26	41	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	26	43	FOBS=	125.2	SIGMA=	1.5	PHAS=	165.5	FOM=	0.74	TEST=	0
INDE	23	26	45	FOBS=	87.6	SIGMA=	2.0	PHAS=	-73.9	FOM=	0.13	TEST=	1
INDE	23	26	47	FOBS=	54.9	SIGMA=	3.1	PHAS=	-4.9	FOM=	0.23	TEST=	0
INDE	23	26	49	FOBS=	111.5	SIGMA=	1.5	PHAS=	-171.8	FOM=	0.92	TEST=	0
INDE	23	26	51	FOBS=	97.6	SIGMA=	1.7	PHAS=	-51.8	FOM=	0.77	TEST=	0
INDE	23	26	53	FOBS=	107.5	SIGMA=	1.6	PHAS=	85.2	FOM=	0.95	TEST=	0
INDE	23	26	55	FOBS=	54.5	SIGMA=	3.9	PHAS=	112.0	FOM=	0.59	TEST=	0
INDE	23	26	57	FOBS=	22.4	SIGMA=	11.4	PHAS=	121.7	FOM=	0.10	TEST=	0
INDE	23	26	59	FOBS=	54.1	SIGMA=	5.4	PHAS=	-66.4	FOM=	0.21	TEST=	0
INDE	23	26	61	FOBS=	52.9	SIGMA=	5.5	PHAS=	38.4	FOM=	0.79	TEST=	0
INDE	23	26	63	FOBS=	93.0	SIGMA=	3.3	PHAS=	2.0	FOM=	0.94	TEST=	0
INDE	23	26	65	FOBS=	50.4	SIGMA=	8.9	PHAS=	19.6	FOM=	0.63	TEST=	0
INDE	23	26	67	FOBS=	36.9	SIGMA=	12.2	PHAS=	132.2	FOM=	0.17	TEST=	0
INDE	23	26	69	FOBS=	36.4	SIGMA=	12.4	PHAS=	111.6	FOM=	0.61	TEST=	0
INDE	23	27	24	FOBS=	122.6	SIGMA=	1.3	PHAS=	-43.2	FOM=	0.97	TEST=	0
INDE	23	27	26	FOBS=	317.8	SIGMA=	0.7	PHAS=	32.7	FOM=	0.98	TEST=	0
INDE	23	27	28	FOBS=	169.6	SIGMA=	0.9	PHAS=	146.5	FOM=	0.94	TEST=	0
INDE	23	27	30	FOBS=	181.9	SIGMA=	1.0	PHAS=	30.1	FOM=	0.88	TEST=	0
INDE	23	27	32	FOBS=	126.4	SIGMA=	1.4	PHAS=	-24.6	FOM=	0.89	TEST=	0
INDE	23	27	34	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	27	36	FOBS=	76.4	SIGMA=	2.2	PHAS=	-115.7	FOM=	0.88	TEST=	0
INDE	23	27	38	FOBS=	206.6	SIGMA=	0.9	PHAS=	-54.0	FOM=	0.97	TEST=	0
INDE	23	27	40	FOBS=	126.7	SIGMA=	1.5	PHAS=	24.9	FOM=	0.84	TEST=	0
INDE	23	27	42	FOBS=	238.3	SIGMA=	0.9	PHAS=	44.6	FOM=	0.96	TEST=	0
INDE	23	27	44	FOBS=	125.5	SIGMA=	1.4	PHAS=	-176.1	FOM=	0.91	TEST=	0
INDE	23	27	46	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	23	27	48	FOBS=	42.3	SIGMA=	4.0	PHAS=	159.7	FOM=	0.69	TEST=	0
INDE	23	27	50	FOBS=	130.2	SIGMA=	1.3	PHAS=	115.9	FOM=	0.89	TEST=	0
INDE	23	27	52	FOBS=	108.5	SIGMA=	1.5	PHAS=	50.1	FOM=	0.86	TEST=	0
INDE	23	27	54	FOBS=	105.1	SIGMA=	1.8	PHAS=	-66.4	FOM=	0.83	TEST=	0
INDE	23	27	56	FOBS=	79.3	SIGMA=	3.0	PHAS=	103.7	FOM=	0.01	TEST=	1
INDE	23	27	58	FOBS=	0.0	SIGMA=	24.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	27	60	FOBS=	69.8	SIGMA=	4.3	PHAS=	83.0	FOM=	0.72	TEST=	0
INDE	23	27	62	FOBS=	21.9	SIGMA=	13.4	PHAS=	-27.0	FOM=	0.02	TEST=	1
INDE	23	27	64	FOBS=	55.1	SIGMA=	6.5	PHAS=	-166.8	FOM=	0.41	TEST=	0
INDE	23	27	66	FOBS=	18.7	SIGMA=	24.0	PHAS=	-78.7	FOM=	0.08	TEST=	0
INDE	23	27	68	FOBS=	0.0	SIGMA=	29.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	28	23	FOBS=	92.0	SIGMA=	1.6	PHAS=	-93.0	FOM=	0.90	TEST=	0
INDE	23	28	25	FOBS=	29.3	SIGMA=	5.7	PHAS=	-6.9	FOM=	0.41	TEST=	0
INDE	23	28	27	FOBS=	171.2	SIGMA=	1.0	PHAS=	-126.4	FOM=	0.94	TEST=	0
INDE	23	28	29	FOBS=	182.0	SIGMA=	0.9	PHAS=	-3.3	FOM=	0.96	TEST=	0
INDE	23	28	31	FOBS=	305.8	SIGMA=	0.7	PHAS=	20.5	FOM=	0.95	TEST=	1
INDE	23	28	33	FOBS=	195.1	SIGMA=	1.0	PHAS=	-101.5	FOM=	0.94	TEST=	0
INDE	23	28	35	FOBS=	100.3	SIGMA=	1.7	PHAS=	-15.4	FOM=	0.96	TEST=	0
INDE	23	28	37	FOBS=	127.0	SIGMA=	1.2	PHAS=	-169.2	FOM=	0.96	TEST=	0
INDE	23	28	39	FOBS=	145.7	SIGMA=	1.2	PHAS=	-110.1	FOM=	0.94	TEST=	0
INDE	23	28	41	FOBS=	251.3	SIGMA=	0.7	PHAS=	-44.5	FOM=	0.97	TEST=	0
INDE	23	28	43	FOBS=	136.4	SIGMA=	1.3	PHAS=	13.0	FOM=	0.93	TEST=	0
INDE	23	28	45	FOBS=	31.7	SIGMA=	5.6	PHAS=	72.7	FOM=	0.28	TEST=	1
INDE	23	28	47	FOBS=	102.4	SIGMA=	1.7	PHAS=	-96.5	FOM=	0.92	TEST=	0

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INDE	23	28	49	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	28	51	FOBS=	135.4	SIGMA=	1.3	PHAS=	-61.3	FOM=	0.96	TEST=	0
INDE	23	28	53	FOBS=	131.3	SIGMA=	1.5	PHAS=	-74.1	FOM=	0.94	TEST=	0
INDE	23	28	55	FOBS=	40.4	SIGMA=	6.5	PHAS=	127.4	FOM=	0.49	TEST=	0
INDE	23	28	57	FOBS=	67.5	SIGMA=	3.5	PHAS=	133.0	FOM=	0.87	TEST=	0
INDE	23	28	59	FOBS=	31.8	SIGMA=	7.3	PHAS=	-159.2	FOM=	0.07	TEST=	0
INDE	23	28	61	FOBS=	0.0	SIGMA=	24.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	23	28	63	FOBS=	0.0	SIGMA=	26.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	28	65	FOBS=	83.1	SIGMA=	5.4	PHAS=	120.1	FOM=	0.90	TEST=	0
INDE	23	28	67	FOBS=	16.6	SIGMA=	26.4	PHAS=	4.9	FOM=	0.02	TEST=	1
INDE	23	29	24	FOBS=	274.3	SIGMA=	0.7	PHAS=	-13.6	FOM=	0.95	TEST=	0
INDE	23	29	26	FOBS=	234.8	SIGMA=	0.8	PHAS=	63.3	FOM=	0.96	TEST=	0
INDE	23	29	28	FOBS=	223.3	SIGMA=	0.8	PHAS=	138.5	FOM=	0.97	TEST=	0
INDE	23	29	30	FOBS=	174.9	SIGMA=	1.0	PHAS=	-23.5	FOM=	0.96	TEST=	0
INDE	23	29	32	FOBS=	188.1	SIGMA=	1.0	PHAS=	-47.5	FOM=	0.95	TEST=	0
INDE	23	29	34	FOBS=	276.0	SIGMA=	0.7	PHAS=	-85.3	FOM=	0.96	TEST=	0
INDE	23	29	36	FOBS=	64.1	SIGMA=	2.6	PHAS=	7.5	FOM=	0.91	TEST=	0
INDE	23	29	38	FOBS=	95.0	SIGMA=	1.7	PHAS=	-30.9	FOM=	0.94	TEST=	0
INDE	23	29	40	FOBS=	168.7	SIGMA=	1.0	PHAS=	-151.3	FOM=	0.93	TEST=	0
INDE	23	29	42	FOBS=	23.7	SIGMA=	6.9	PHAS=	169.8	FOM=	0.20	TEST=	0
INDE	23	29	44	FOBS=	41.2	SIGMA=	4.2	PHAS=	-144.8	FOM=	0.70	TEST=	1
INDE	23	29	46	FOBS=	25.8	SIGMA=	6.5	PHAS=	-165.2	FOM=	0.06	TEST=	0
INDE	23	29	48	FOBS=	75.9	SIGMA=	2.2	PHAS=	146.4	FOM=	0.90	TEST=	0
INDE	23	29	50	FOBS=	16.8	SIGMA=	10.4	PHAS=	-149.8	FOM=	0.09	TEST=	0
INDE	23	29	52	FOBS=	42.5	SIGMA=	4.3	PHAS=	177.8	FOM=	0.89	TEST=	0
INDE	23	29	54	FOBS=	34.8	SIGMA=	5.9	PHAS=	-161.8	FOM=	0.54	TEST=	0
INDE	23	29	56	FOBS=	49.4	SIGMA=	6.1	PHAS=	44.6	FOM=	0.53	TEST=	0
INDE	23	29	58	FOBS=	126.5	SIGMA=	2.0	PHAS=	63.4	FOM=	0.94	TEST=	0
INDE	23	29	60	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	29	62	FOBS=	31.3	SIGMA=	9.4	PHAS=	69.8	FOM=	0.54	TEST=	0
INDE	23	29	64	FOBS=	97.6	SIGMA=	4.7	PHAS=	50.9	FOM=	0.88	TEST=	0
INDE	23	29	66	FOBS=	53.1	SIGMA=	8.3	PHAS=	67.4	FOM=	0.79	TEST=	0
INDE	23	29	68	FOBS=	0.0	SIGMA=	29.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	30	23	FOBS=	277.2	SIGMA=	0.7	PHAS=	-92.9	FOM=	0.93	TEST=	0
INDE	23	30	25	FOBS=	173.4	SIGMA=	1.0	PHAS=	-40.4	FOM=	0.81	TEST=	0
INDE	23	30	27	FOBS=	92.2	SIGMA=	1.9	PHAS=	54.2	FOM=	0.93	TEST=	0
INDE	23	30	29	FOBS=	199.9	SIGMA=	0.9	PHAS=	-80.3	FOM=	0.96	TEST=	0
INDE	23	30	31	FOBS=	184.9	SIGMA=	1.0	PHAS=	-134.6	FOM=	0.94	TEST=	0
INDE	23	30	33	FOBS=	326.5	SIGMA=	0.7	PHAS=	-125.0	FOM=	0.96	TEST=	0
INDE	23	30	35	FOBS=	111.2	SIGMA=	1.5	PHAS=	-138.7	FOM=	0.78	TEST=	0
INDE	23	30	37	FOBS=	139.5	SIGMA=	1.2	PHAS=	-145.6	FOM=	0.88	TEST=	0
INDE	23	30	39	FOBS=	179.9	SIGMA=	1.0	PHAS=	-110.3	FOM=	0.91	TEST=	0
INDE	23	30	41	FOBS=	126.9	SIGMA=	1.3	PHAS=	55.0	FOM=	0.77	TEST=	0
INDE	23	30	43	FOBS=	80.6	SIGMA=	2.0	PHAS=	-70.3	FOM=	0.91	TEST=	0
INDE	23	30	45	FOBS=	56.5	SIGMA=	2.7	PHAS=	45.3	FOM=	0.62	TEST=	1
INDE	23	30	47	FOBS=	69.7	SIGMA=	2.2	PHAS=	-128.9	FOM=	0.11	TEST=	1
INDE	23	30	49	FOBS=	0.0	SIGMA=	17.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	30	51	FOBS=	56.4	SIGMA=	3.3	PHAS=	-32.3	FOM=	0.85	TEST=	0
INDE	23	30	53	FOBS=	82.0	SIGMA=	2.3	PHAS=	-65.0	FOM=	0.84	TEST=	0
INDE	23	30	55	FOBS=	55.0	SIGMA=	4.3	PHAS=	23.4	FOM=	0.79	TEST=	0
INDE	23	30	57	FOBS=	110.5	SIGMA=	2.5	PHAS=	20.6	FOM=	0.94	TEST=	0
INDE	23	30	59	FOBS=	13.2	SIGMA=	22.3	PHAS=	-140.3	FOM=	0.21	TEST=	0
INDE	23	30	61	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	30	63	FOBS=	69.7	SIGMA=	5.1	PHAS=	-111.8	FOM=	0.87	TEST=	0
INDE	23	30	65	FOBS=	0.0	SIGMA=	30.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	30	67	FOBS=	9.3	SIGMA=	48.9	PHAS=	55.7	FOM=	0.05	TEST=	0
INDE	23	31	24	FOBS=	31.8	SIGMA=	5.1	PHAS=	57.8	FOM=	0.60	TEST=	0
INDE	23	31	26	FOBS=	188.6	SIGMA=	1.0	PHAS=	-35.3	FOM=	0.90	TEST=	0
INDE	23	31	28	FOBS=	93.2	SIGMA=	2.0	PHAS=	-9.6	FOM=	0.81	TEST=	0
INDE	23	31	30	FOBS=	267.8	SIGMA=	0.8	PHAS=	117.5	FOM=	0.97	TEST=	0
INDE	23	31	32	FOBS=	287.4	SIGMA=	0.7	PHAS=	110.7	FOM=	0.96	TEST=	0
INDE	23	31	34	FOBS=	88.3	SIGMA=	1.9	PHAS=	-40.9	FOM=	0.89	TEST=	0
INDE	23	31	36	FOBS=	205.8	SIGMA=	0.9	PHAS=	59.2	FOM=	0.94	TEST=	0
INDE	23	31	38	FOBS=	106.9	SIGMA=	1.6	PHAS=	-177.8	FOM=	0.88	TEST=	0
INDE	23	31	40	FOBS=	110.0	SIGMA=	1.5	PHAS=	-113.1	FOM=	0.80	TEST=	0
INDE	23	31	42	FOBS=	86.2	SIGMA=	1.9	PHAS=	-145.8	FOM=	0.85	TEST=	0
INDE	23	31	44	FOBS=	83.9	SIGMA=	1.9	PHAS=	-103.6	FOM=	0.75	TEST=	0
INDE	23	31	46	FOBS=	52.3	SIGMA=	3.0	PHAS=	-42.8	FOM=	0.83	TEST=	1
INDE	23	31	48	FOBS=	21.2	SIGMA=	8.3	PHAS=	157.6	FOM=	0.17	TEST=	0
INDE	23	31	50	FOBS=	108.6	SIGMA=	1.6	PHAS=	-138.3	FOM=	0.95	TEST=	0

INDE 23 31 52 FOBS= 111.1 SIGMA= 1.5 PHAS= 50.0 FOM= 0.13 TEST= 1
INDE 23 31 54 FOBS= 60.0 SIGMA= 3.3 PHAS= -32.6 FOM= 0.78 TEST= 0
INDE 23 31 56 FOBS= 95.4 SIGMA= 2.5 PHAS= -60.7 FOM= 0.92 TEST= 0
INDE 23 31 58 FOBS= 53.7 SIGMA= 4.8 PHAS= 37.2 FOM= 0.77 TEST= 0
INDE 23 31 60 FOBS= 0.0 SIGMA= 26.8 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 23 31 62 FOBS= 0.0 SIGMA= 26.3 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 23 31 64 FOBS= 100.6 SIGMA= 3.7 PHAS= 101.7 FOM= 0.88 TEST= 0
INDE 23 31 66 FOBS= 35.9 SIGMA= 12.8 PHAS= 52.2 FOM= 0.41 TEST= 0
INDE 23 32 23 FOBS= 306.1 SIGMA= 0.7 PHAS= -5.5 FOM= 0.97 TEST= 0
INDE 23 32 25 FOBS= 5.2 SIGMA= 34.2 PHAS= -126.0 FOM= 0.03 TEST= 0
INDE 23 32 27 FOBS= 320.1 SIGMA= 0.7 PHAS= -125.6 FOM= 0.95 TEST= 0
INDE 23 32 29 FOBS= 215.9 SIGMA= 1.0 PHAS= -84.6 FOM= 0.96 TEST= 0
INDE 23 32 31 FOBS= 202.7 SIGMA= 0.9 PHAS= 0.5 FOM= 0.97 TEST= 0
INDE 23 32 33 FOBS= 237.3 SIGMA= 0.8 PHAS= -39.0 FOM= 0.90 TEST= 0
INDE 23 32 35 FOBS= 184.7 SIGMA= 1.0 PHAS= -84.1 FOM= 0.94 TEST= 0
INDE 23 32 37 FOBS= 79.4 SIGMA= 2.1 PHAS= 75.5 FOM= 0.90 TEST= 0
INDE 23 32 39 FOBS= 101.2 SIGMA= 1.6 PHAS= -169.8 FOM= 0.69 TEST= 0
INDE 23 32 41 FOBS= 0.0 SIGMA= 18.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 23 32 43 FOBS= 126.8 SIGMA= 1.5 PHAS= -170.3 FOM= 0.89 TEST= 0
INDE 23 32 45 FOBS= 77.6 SIGMA= 2.1 PHAS= -158.1 FOM= 0.93 TEST= 0
INDE 23 32 47 FOBS= 125.8 SIGMA= 1.4 PHAS= -104.1 FOM= 0.94 TEST= 0
INDE 23 32 49 FOBS= 92.0 SIGMA= 1.9 PHAS= 126.3 FOM= 0.93 TEST= 0
INDE 23 32 51 FOBS= 17.0 SIGMA= 10.7 PHAS= -1.9 FOM= 0.17 TEST= 0
INDE 23 32 53 FOBS= 26.6 SIGMA= 6.7 PHAS= 59.6 FOM= 0.08 TEST= 0
INDE 23 32 55 FOBS= 28.9 SIGMA= 6.8 PHAS= 37.2 FOM= 0.21 TEST= 0
INDE 23 32 57 FOBS= 90.2 SIGMA= 2.2 PHAS= -21.2 FOM= 0.89 TEST= 0
INDE 23 32 59 FOBS= 48.8 SIGMA= 5.3 PHAS= -172.4 FOM= 0.80 TEST= 0
INDE 23 32 61 FOBS= 0.0 SIGMA= 26.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 23 32 63 FOBS= 53.8 SIGMA= 5.7 PHAS= -53.8 FOM= 0.75 TEST= 0
INDE 23 32 65 FOBS= 0.0 SIGMA= 24.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 23 32 67 FOBS= 12.9 SIGMA= 35.7 PHAS= 115.6 FOM= 0.41 TEST= 0
INDE 23 33 24 FOBS= 153.0 SIGMA= 1.2 PHAS= -104.3 FOM= 0.94 TEST= 0
INDE 23 33 26 FOBS= 49.0 SIGMA= 3.7 PHAS= 166.5 FOM= 0.96 TEST= 0
INDE 23 33 28 FOBS= 281.1 SIGMA= 0.8 PHAS= 131.0 FOM= 0.91 TEST= 0
INDE 23 33 30 FOBS= 24.8 SIGMA= 7.4 PHAS= 154.6 FOM= 0.43 TEST= 0
INDE 23 33 32 FOBS= 114.1 SIGMA= 1.5 PHAS= -68.3 FOM= 0.91 TEST= 0
INDE 23 33 34 FOBS= 0.0 SIGMA= 18.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 23 33 36 FOBS= 191.3 SIGMA= 0.9 PHAS= 44.7 FOM= 0.98 TEST= 0
INDE 23 33 38 FOBS= 72.5 SIGMA= 2.3 PHAS= 13.1 FOM= 0.82 TEST= 0
INDE 23 33 40 FOBS= 48.6 SIGMA= 3.3 PHAS= 66.1 FOM= 0.12 TEST= 0
INDE 23 33 42 FOBS= 118.2 SIGMA= 1.4 PHAS= 172.1 FOM= 0.86 TEST= 0
INDE 23 33 44 FOBS= 118.7 SIGMA= 1.5 PHAS= 80.6 FOM= 0.96 TEST= 0
INDE 23 33 46 FOBS= 93.5 SIGMA= 2.1 PHAS= -155.1 FOM= 0.89 TEST= 0
INDE 23 33 48 FOBS= 24.5 SIGMA= 7.3 PHAS= 70.1 FOM= 0.25 TEST= 0
INDE 23 33 50 FOBS= 0.0 SIGMA= 18.6 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 23 33 52 FOBS= 0.0 SIGMA= 20.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 23 33 54 FOBS= 0.0 SIGMA= 21.3 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 23 33 56 FOBS= 27.6 SIGMA= 7.2 PHAS= -62.3 FOM= 0.63 TEST= 0
INDE 23 33 58 FOBS= 54.9 SIGMA= 3.6 PHAS= 59.7 FOM= 0.58 TEST= 0
INDE 23 33 60 FOBS= 59.2 SIGMA= 4.5 PHAS= 100.1 FOM= 0.84 TEST= 0
INDE 23 33 62 FOBS= 0.0 SIGMA= 24.6 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 23 33 64 FOBS= 31.5 SIGMA= 9.6 PHAS= 11.5 FOM= 0.13 TEST= 1
INDE 23 33 66 FOBS= 88.8 SIGMA= 3.5 PHAS= 27.5 FOM= 0.85 TEST= 0
INDE 23 34 23 FOBS= 86.1 SIGMA= 2.1 PHAS= -117.8 FOM= 0.71 TEST= 0
INDE 23 34 25 FOBS= 100.9 SIGMA= 1.8 PHAS= -175.2 FOM= 0.96 TEST= 0
INDE 23 34 27 FOBS= 239.3 SIGMA= 0.9 PHAS= 165.4 FOM= 0.96 TEST= 0
INDE 23 34 29 FOBS= 199.2 SIGMA= 1.0 PHAS= -32.6 FOM= 0.96 TEST= 0
INDE 23 34 31 FOBS= 208.1 SIGMA= 0.9 PHAS= -82.2 FOM= 0.93 TEST= 0
INDE 23 34 33 FOBS= 87.2 SIGMA= 1.9 PHAS= -90.6 FOM= 0.56 TEST= 0
INDE 23 34 35 FOBS= 146.5 SIGMA= 1.2 PHAS= -76.1 FOM= 0.95 TEST= 0
INDE 23 34 37 FOBS= 74.8 SIGMA= 2.2 PHAS= -54.0 FOM= 0.84 TEST= 0
INDE 23 34 39 FOBS= 40.7 SIGMA= 4.0 PHAS= -91.6 FOM= 0.31 TEST= 0
INDE 23 34 41 FOBS= 109.6 SIGMA= 1.5 PHAS= -28.1 FOM= 0.93 TEST= 0
INDE 23 34 43 FOBS= 150.2 SIGMA= 1.2 PHAS= -135.8 FOM= 0.92 TEST= 0
INDE 23 34 45 FOBS= 92.1 SIGMA= 2.1 PHAS= 61.5 FOM= 0.91 TEST= 0
INDE 23 34 47 FOBS= 60.9 SIGMA= 3.1 PHAS= -146.0 FOM= 0.53 TEST= 0
INDE 23 34 49 FOBS= 0.0 SIGMA= 18.6 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 23 34 51 FOBS= 88.1 SIGMA= 2.1 PHAS= -33.8 FOM= 0.91 TEST= 0
INDE 23 34 53 FOBS= 16.8 SIGMA= 12.9 PHAS= 150.1 FOM= 0.05 TEST= 0
INDE 23 34 55 FOBS= 0.0 SIGMA= 19.8 PHAS= 0.0 FOM= 0.00 TEST= 0

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INDE	23	34	57	FOBS=	60.9	SIGMA=	3.3	PHAS=	143.8	FOM=	0.05	TEST=	1
INDE	23	34	59	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	34	61	FOBS=	35.4	SIGMA=	6.6	PHAS=	-77.9	FOM=	0.58	TEST=	0
INDE	23	34	63	FOBS=	112.9	SIGMA=	2.8	PHAS=	-35.2	FOM=	0.45	TEST=	1
INDE	23	34	65	FOBS=	0.0	SIGMA=	28.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	35	24	FOBS=	90.8	SIGMA=	2.1	PHAS=	171.9	FOM=	0.92	TEST=	1
INDE	23	35	26	FOBS=	101.0	SIGMA=	1.9	PHAS=	56.9	FOM=	0.84	TEST=	0
INDE	23	35	28	FOBS=	193.3	SIGMA=	1.1	PHAS=	125.4	FOM=	0.95	TEST=	0
INDE	23	35	30	FOBS=	89.6	SIGMA=	2.1	PHAS=	-111.3	FOM=	0.74	TEST=	0
INDE	23	35	32	FOBS=	135.9	SIGMA=	1.3	PHAS=	-173.0	FOM=	0.92	TEST=	0
INDE	23	35	34	FOBS=	99.2	SIGMA=	1.7	PHAS=	-156.8	FOM=	0.70	TEST=	0
INDE	23	35	36	FOBS=	154.6	SIGMA=	1.1	PHAS=	-76.1	FOM=	0.77	TEST=	0
INDE	23	35	38	FOBS=	61.9	SIGMA=	2.6	PHAS=	123.2	FOM=	0.66	TEST=	0
INDE	23	35	40	FOBS=	118.2	SIGMA=	1.4	PHAS=	-85.4	FOM=	0.88	TEST=	0
INDE	23	35	42	FOBS=	234.8	SIGMA=	0.8	PHAS=	143.6	FOM=	0.97	TEST=	0
INDE	23	35	44	FOBS=	43.5	SIGMA=	4.7	PHAS=	136.0	FOM=	0.68	TEST=	0
INDE	23	35	46	FOBS=	59.3	SIGMA=	3.2	PHAS=	6.9	FOM=	0.26	TEST=	0
INDE	23	35	48	FOBS=	61.7	SIGMA=	3.0	PHAS=	57.7	FOM=	0.72	TEST=	0
INDE	23	35	50	FOBS=	85.4	SIGMA=	2.2	PHAS=	-57.4	FOM=	0.85	TEST=	0
INDE	23	35	52	FOBS=	47.2	SIGMA=	3.9	PHAS=	35.5	FOM=	0.68	TEST=	0
INDE	23	35	54	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	35	56	FOBS=	29.9	SIGMA=	8.1	PHAS=	-120.6	FOM=	0.26	TEST=	0
INDE	23	35	58	FOBS=	23.0	SIGMA=	8.6	PHAS=	74.7	FOM=	0.44	TEST=	0
INDE	23	35	60	FOBS=	0.0	SIGMA=	24.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	35	62	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	35	64	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	36	23	FOBS=	60.4	SIGMA=	3.7	PHAS=	48.4	FOM=	0.51	TEST=	0
INDE	23	36	25	FOBS=	94.7	SIGMA=	2.0	PHAS=	151.4	FOM=	0.88	TEST=	0
INDE	23	36	27	FOBS=	246.9	SIGMA=	0.9	PHAS=	-168.7	FOM=	0.92	TEST=	1
INDE	23	36	29	FOBS=	62.2	SIGMA=	3.0	PHAS=	-48.9	FOM=	0.79	TEST=	0
INDE	23	36	31	FOBS=	74.2	SIGMA=	2.5	PHAS=	166.1	FOM=	0.65	TEST=	0
INDE	23	36	33	FOBS=	17.0	SIGMA=	9.8	PHAS=	145.5	FOM=	0.12	TEST=	0
INDE	23	36	35	FOBS=	230.5	SIGMA=	0.8	PHAS=	-114.5	FOM=	0.88	TEST=	1
INDE	23	36	37	FOBS=	98.8	SIGMA=	1.7	PHAS=	-68.4	FOM=	0.94	TEST=	0
INDE	23	36	39	FOBS=	146.8	SIGMA=	1.2	PHAS=	-171.0	FOM=	0.86	TEST=	0
INDE	23	36	41	FOBS=	131.6	SIGMA=	1.3	PHAS=	12.2	FOM=	0.89	TEST=	0
INDE	23	36	43	FOBS=	26.5	SIGMA=	7.2	PHAS=	154.1	FOM=	0.81	TEST=	0
INDE	23	36	45	FOBS=	50.6	SIGMA=	3.8	PHAS=	162.6	FOM=	0.79	TEST=	0
INDE	23	36	47	FOBS=	77.7	SIGMA=	2.5	PHAS=	-19.9	FOM=	0.93	TEST=	0
INDE	23	36	49	FOBS=	85.6	SIGMA=	2.2	PHAS=	-79.9	FOM=	0.89	TEST=	0
INDE	23	36	51	FOBS=	133.9	SIGMA=	1.5	PHAS=	-30.1	FOM=	0.94	TEST=	0
INDE	23	36	53	FOBS=	153.9	SIGMA=	1.4	PHAS=	-46.5	FOM=	0.98	TEST=	0
INDE	23	36	55	FOBS=	77.5	SIGMA=	2.7	PHAS=	11.6	FOM=	0.87	TEST=	0
INDE	23	36	57	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	36	59	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	36	61	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	36	63	FOBS=	19.8	SIGMA=	12.3	PHAS=	22.3	FOM=	0.49	TEST=	0
INDE	23	37	24	FOBS=	193.4	SIGMA=	1.1	PHAS=	100.9	FOM=	0.91	TEST=	0
INDE	23	37	26	FOBS=	88.4	SIGMA=	2.1	PHAS=	47.7	FOM=	0.88	TEST=	0
INDE	23	37	28	FOBS=	206.7	SIGMA=	1.0	PHAS=	71.8	FOM=	0.35	TEST=	1
INDE	23	37	30	FOBS=	66.9	SIGMA=	2.8	PHAS=	37.7	FOM=	0.94	TEST=	0
INDE	23	37	32	FOBS=	138.7	SIGMA=	1.4	PHAS=	110.7	FOM=	0.66	TEST=	0
INDE	23	37	34	FOBS=	168.0	SIGMA=	1.1	PHAS=	-163.8	FOM=	0.86	TEST=	0
INDE	23	37	36	FOBS=	54.6	SIGMA=	3.0	PHAS=	154.7	FOM=	0.95	TEST=	0
INDE	23	37	38	FOBS=	182.4	SIGMA=	1.0	PHAS=	-149.0	FOM=	0.90	TEST=	0
INDE	23	37	40	FOBS=	63.8	SIGMA=	2.7	PHAS=	57.3	FOM=	0.26	TEST=	0
INDE	23	37	42	FOBS=	107.6	SIGMA=	1.7	PHAS=	128.0	FOM=	0.79	TEST=	0
INDE	23	37	44	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	37	46	FOBS=	44.8	SIGMA=	4.3	PHAS=	-124.5	FOM=	0.71	TEST=	0
INDE	23	37	48	FOBS=	110.0	SIGMA=	1.8	PHAS=	-109.0	FOM=	0.91	TEST=	0
INDE	23	37	50	FOBS=	108.3	SIGMA=	1.8	PHAS=	-149.7	FOM=	0.89	TEST=	0
INDE	23	37	52	FOBS=	71.8	SIGMA=	2.6	PHAS=	-95.4	FOM=	0.92	TEST=	0
INDE	23	37	54	FOBS=	153.1	SIGMA=	1.4	PHAS=	-116.1	FOM=	0.95	TEST=	0
INDE	23	37	56	FOBS=	48.6	SIGMA=	4.2	PHAS=	11.3	FOM=	0.51	TEST=	1
INDE	23	37	58	FOBS=	54.4	SIGMA=	4.1	PHAS=	116.0	FOM=	0.72	TEST=	0
INDE	23	37	60	FOBS=	48.1	SIGMA=	4.6	PHAS=	-162.4	FOM=	0.29	TEST=	1
INDE	23	37	62	FOBS=	10.7	SIGMA=	23.0	PHAS=	110.5	FOM=	0.11	TEST=	0
INDE	23	37	64	FOBS=	9.6	SIGMA=	25.8	PHAS=	0.8	FOM=	0.26	TEST=	0
INDE	23	38	23	FOBS=	260.3	SIGMA=	1.0	PHAS=	31.0	FOM=	0.98	TEST=	0
INDE	23	38	25	FOBS=	47.9	SIGMA=	3.8	PHAS=	-96.5	FOM=	0.65	TEST=	0

INDE	23	38	27	FOBS=	73.1	SIGMA=	2.6	PHAS=	-128.9	FOM=	0.63	TEST=	0
INDE	23	38	29	FOBS=	53.6	SIGMA=	3.4	PHAS=	16.0	FOM=	0.85	TEST=	1
INDE	23	38	31	FOBS=	246.5	SIGMA=	0.9	PHAS=	-38.1	FOM=	0.97	TEST=	0
INDE	23	38	33	FOBS=	150.0	SIGMA=	1.3	PHAS=	167.7	FOM=	0.89	TEST=	0
INDE	23	38	35	FOBS=	79.3	SIGMA=	2.1	PHAS=	177.2	FOM=	0.85	TEST=	0
INDE	23	38	37	FOBS=	100.8	SIGMA=	1.7	PHAS=	68.2	FOM=	0.87	TEST=	0
INDE	23	38	39	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	38	41	FOBS=	11.5	SIGMA=	16.1	PHAS=	-154.0	FOM=	0.16	TEST=	0
INDE	23	38	43	FOBS=	39.2	SIGMA=	5.1	PHAS=	149.7	FOM=	0.49	TEST=	0
INDE	23	38	45	FOBS=	110.4	SIGMA=	1.6	PHAS=	-159.0	FOM=	0.03	TEST=	1
INDE	23	38	47	FOBS=	41.0	SIGMA=	4.6	PHAS=	149.8	FOM=	0.57	TEST=	0
INDE	23	38	49	FOBS=	52.9	SIGMA=	3.6	PHAS=	-132.7	FOM=	0.49	TEST=	0
INDE	23	38	51	FOBS=	77.8	SIGMA=	2.4	PHAS=	-151.2	FOM=	0.93	TEST=	0
INDE	23	38	53	FOBS=	88.2	SIGMA=	2.4	PHAS=	-101.4	FOM=	0.89	TEST=	0
INDE	23	38	55	FOBS=	42.5	SIGMA=	4.8	PHAS=	85.2	FOM=	0.31	TEST=	0
INDE	23	38	57	FOBS=	52.3	SIGMA=	3.9	PHAS=	141.7	FOM=	0.39	TEST=	0
INDE	23	38	59	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	38	61	FOBS=	29.8	SIGMA=	7.6	PHAS=	-150.8	FOM=	0.30	TEST=	0
INDE	23	38	63	FOBS=	90.8	SIGMA=	2.8	PHAS=	-96.5	FOM=	0.90	TEST=	0
INDE	23	39	24	FOBS=	150.4	SIGMA=	1.4	PHAS=	-49.2	FOM=	0.91	TEST=	0
INDE	23	39	26	FOBS=	54.1	SIGMA=	3.4	PHAS=	68.7	FOM=	0.52	TEST=	0
INDE	23	39	28	FOBS=	40.9	SIGMA=	4.4	PHAS=	-34.0	FOM=	0.35	TEST=	0
INDE	23	39	30	FOBS=	136.1	SIGMA=	1.4	PHAS=	-119.2	FOM=	0.85	TEST=	0
INDE	23	39	32	FOBS=	29.9	SIGMA=	6.4	PHAS=	138.6	FOM=	0.71	TEST=	0
INDE	23	39	34	FOBS=	60.7	SIGMA=	2.8	PHAS=	135.5	FOM=	0.80	TEST=	0
INDE	23	39	36	FOBS=	23.2	SIGMA=	7.3	PHAS=	161.6	FOM=	0.26	TEST=	0
INDE	23	39	38	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	39	40	FOBS=	87.0	SIGMA=	2.1	PHAS=	-13.6	FOM=	0.71	TEST=	0
INDE	23	39	42	FOBS=	104.7	SIGMA=	1.7	PHAS=	33.6	FOM=	0.83	TEST=	0
INDE	23	39	44	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	39	46	FOBS=	59.4	SIGMA=	2.9	PHAS=	-157.8	FOM=	0.72	TEST=	0
INDE	23	39	48	FOBS=	93.0	SIGMA=	2.1	PHAS=	-173.6	FOM=	0.56	TEST=	0
INDE	23	39	50	FOBS=	111.1	SIGMA=	1.7	PHAS=	125.9	FOM=	0.94	TEST=	0
INDE	23	39	52	FOBS=	57.3	SIGMA=	3.9	PHAS=	147.1	FOM=	0.84	TEST=	0
INDE	23	39	54	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	39	56	FOBS=	41.2	SIGMA=	4.9	PHAS=	-157.0	FOM=	0.09	TEST=	1
INDE	23	39	58	FOBS=	26.8	SIGMA=	8.8	PHAS=	133.7	FOM=	0.34	TEST=	0
INDE	23	39	60	FOBS=	76.8	SIGMA=	3.2	PHAS=	-1.0	FOM=	0.92	TEST=	0
INDE	23	39	62	FOBS=	117.9	SIGMA=	2.2	PHAS=	146.2	FOM=	0.91	TEST=	0
INDE	23	40	23	FOBS=	165.1	SIGMA=	1.3	PHAS=	70.8	FOM=	0.88	TEST=	0
INDE	23	40	25	FOBS=	139.4	SIGMA=	1.5	PHAS=	-178.7	FOM=	0.41	TEST=	1
INDE	23	40	27	FOBS=	84.6	SIGMA=	2.1	PHAS=	26.5	FOM=	0.96	TEST=	0
INDE	23	40	29	FOBS=	102.2	SIGMA=	1.8	PHAS=	147.1	FOM=	0.86	TEST=	0
INDE	23	40	31	FOBS=	133.3	SIGMA=	1.4	PHAS=	-84.0	FOM=	0.88	TEST=	0
INDE	23	40	33	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	40	35	FOBS=	49.2	SIGMA=	3.8	PHAS=	-14.9	FOM=	0.80	TEST=	0
INDE	23	40	37	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	40	39	FOBS=	97.9	SIGMA=	1.9	PHAS=	144.4	FOM=	0.80	TEST=	0
INDE	23	40	41	FOBS=	147.9	SIGMA=	1.3	PHAS=	-152.4	FOM=	0.96	TEST=	0
INDE	23	40	43	FOBS=	102.2	SIGMA=	1.8	PHAS=	-101.9	FOM=	0.93	TEST=	1
INDE	23	40	45	FOBS=	46.6	SIGMA=	3.7	PHAS=	-40.8	FOM=	0.70	TEST=	0
INDE	23	40	47	FOBS=	108.1	SIGMA=	1.6	PHAS=	32.7	FOM=	0.53	TEST=	1
INDE	23	40	49	FOBS=	88.8	SIGMA=	2.2	PHAS=	-10.2	FOM=	0.87	TEST=	0
INDE	23	40	51	FOBS=	55.0	SIGMA=	3.5	PHAS=	31.3	FOM=	0.77	TEST=	0
INDE	23	40	53	FOBS=	80.1	SIGMA=	2.6	PHAS=	-42.5	FOM=	0.88	TEST=	0
INDE	23	40	55	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	23	40	57	FOBS=	84.8	SIGMA=	2.5	PHAS=	-4.6	FOM=	0.15	TEST=	1
INDE	23	40	59	FOBS=	38.1	SIGMA=	5.4	PHAS=	12.1	FOM=	0.30	TEST=	0
INDE	23	40	61	FOBS=	88.8	SIGMA=	2.9	PHAS=	-81.2	FOM=	0.86	TEST=	0
INDE	23	41	24	FOBS=	95.9	SIGMA=	2.1	PHAS=	-35.2	FOM=	0.85	TEST=	0
INDE	23	41	26	FOBS=	91.0	SIGMA=	2.2	PHAS=	88.4	FOM=	0.86	TEST=	0
INDE	23	41	28	FOBS=	74.1	SIGMA=	2.4	PHAS=	-80.1	FOM=	0.90	TEST=	0
INDE	23	41	30	FOBS=	171.6	SIGMA=	1.1	PHAS=	119.9	FOM=	0.92	TEST=	0
INDE	23	41	32	FOBS=	95.2	SIGMA=	1.9	PHAS=	116.7	FOM=	0.95	TEST=	0
INDE	23	41	34	FOBS=	29.5	SIGMA=	6.7	PHAS=	-118.0	FOM=	0.51	TEST=	0
INDE	23	41	36	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	41	38	FOBS=	131.9	SIGMA=	1.4	PHAS=	67.9	FOM=	0.97	TEST=	0
INDE	23	41	40	FOBS=	57.7	SIGMA=	3.3	PHAS=	15.7	FOM=	0.79	TEST=	0
INDE	23	41	42	FOBS=	101.0	SIGMA=	1.8	PHAS=	132.4	FOM=	0.95	TEST=	0
INDE	23	41	44	FOBS=	69.8	SIGMA=	2.5	PHAS=	135.8	FOM=	0.88	TEST=	0

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INDE	23	41	46	FOBS=	94.2	SIGMA=	1.9	PHAS=	-123.1	FOM=	0.87	TEST=	0
INDE	23	41	48	FOBS=	90.4	SIGMA=	2.0	PHAS=	-163.1	FOM=	0.90	TEST=	0
INDE	23	41	50	FOBS=	7.8	SIGMA=	26.1	PHAS=	-34.3	FOM=	0.07	TEST=	0
INDE	23	41	52	FOBS=	39.8	SIGMA=	5.6	PHAS=	-171.4	FOM=	0.82	TEST=	0
INDE	23	41	54	FOBS=	29.1	SIGMA=	7.5	PHAS=	178.3	FOM=	0.63	TEST=	0
INDE	23	41	56	FOBS=	113.9	SIGMA=	1.9	PHAS=	-136.3	FOM=	0.95	TEST=	0
INDE	23	41	58	FOBS=	88.0	SIGMA=	2.4	PHAS=	-104.5	FOM=	0.91	TEST=	0
INDE	23	41	60	FOBS=	86.3	SIGMA=	3.0	PHAS=	49.0	FOM=	0.87	TEST=	0
INDE	23	42	23	FOBS=	145.5	SIGMA=	1.4	PHAS=	-150.7	FOM=	0.97	TEST=	0
INDE	23	42	25	FOBS=	57.9	SIGMA=	3.4	PHAS=	-64.2	FOM=	0.39	TEST=	0
INDE	23	42	27	FOBS=	41.2	SIGMA=	4.3	PHAS=	78.8	FOM=	0.92	TEST=	0
INDE	23	42	29	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	42	31	FOBS=	240.3	SIGMA=	0.9	PHAS=	-19.4	FOM=	0.95	TEST=	0
INDE	23	42	33	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	42	35	FOBS=	161.4	SIGMA=	1.3	PHAS=	9.0	FOM=	0.90	TEST=	0
INDE	23	42	37	FOBS=	52.5	SIGMA=	3.4	PHAS=	-33.3	FOM=	0.91	TEST=	0
INDE	23	42	39	FOBS=	126.4	SIGMA=	1.5	PHAS=	-81.0	FOM=	0.91	TEST=	0
INDE	23	42	41	FOBS=	143.7	SIGMA=	1.3	PHAS=	-95.9	FOM=	0.95	TEST=	0
INDE	23	42	43	FOBS=	86.1	SIGMA=	2.1	PHAS=	27.4	FOM=	0.87	TEST=	0
INDE	23	42	45	FOBS=	26.0	SIGMA=	7.4	PHAS=	84.2	FOM=	0.02	TEST=	1
INDE	23	42	47	FOBS=	50.3	SIGMA=	3.7	PHAS=	-105.1	FOM=	0.24	TEST=	0
INDE	23	42	49	FOBS=	36.7	SIGMA=	4.9	PHAS=	-177.3	FOM=	0.53	TEST=	0
INDE	23	42	51	FOBS=	103.0	SIGMA=	1.9	PHAS=	-15.7	FOM=	0.93	TEST=	0
INDE	23	42	53	FOBS=	127.4	SIGMA=	1.7	PHAS=	22.0	FOM=	0.93	TEST=	0
INDE	23	42	55	FOBS=	113.3	SIGMA=	1.9	PHAS=	155.0	FOM=	0.96	TEST=	0
INDE	23	42	57	FOBS=	44.1	SIGMA=	6.2	PHAS=	163.1	FOM=	0.73	TEST=	0
INDE	23	42	59	FOBS=	63.9	SIGMA=	4.0	PHAS=	74.5	FOM=	0.83	TEST=	0
INDE	23	42	61	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	43	24	FOBS=	108.0	SIGMA=	1.9	PHAS=	159.3	FOM=	0.94	TEST=	0
INDE	23	43	26	FOBS=	40.3	SIGMA=	5.7	PHAS=	37.8	FOM=	0.82	TEST=	0
INDE	23	43	28	FOBS=	83.0	SIGMA=	2.1	PHAS=	-129.5	FOM=	0.86	TEST=	0
INDE	23	43	30	FOBS=	176.0	SIGMA=	1.1	PHAS=	-162.3	FOM=	0.46	TEST=	1
INDE	23	43	32	FOBS=	49.0	SIGMA=	4.1	PHAS=	-107.5	FOM=	0.49	TEST=	0
INDE	23	43	34	FOBS=	119.9	SIGMA=	1.7	PHAS=	-50.3	FOM=	0.91	TEST=	0
INDE	23	43	36	FOBS=	6.1	SIGMA=	37.6	PHAS=	-102.9	FOM=	0.07	TEST=	0
INDE	23	43	38	FOBS=	75.6	SIGMA=	2.4	PHAS=	153.5	FOM=	0.85	TEST=	1
INDE	23	43	40	FOBS=	63.7	SIGMA=	2.8	PHAS=	162.1	FOM=	0.83	TEST=	0
INDE	23	43	42	FOBS=	77.4	SIGMA=	2.3	PHAS=	-111.6	FOM=	0.77	TEST=	0
INDE	23	43	44	FOBS=	65.9	SIGMA=	2.7	PHAS=	15.6	FOM=	0.17	TEST=	1
INDE	23	43	46	FOBS=	91.9	SIGMA=	1.9	PHAS=	147.4	FOM=	0.81	TEST=	0
INDE	23	43	48	FOBS=	68.2	SIGMA=	2.6	PHAS=	142.3	FOM=	0.89	TEST=	0
INDE	23	43	50	FOBS=	25.8	SIGMA=	7.6	PHAS=	94.0	FOM=	0.28	TEST=	0
INDE	23	43	52	FOBS=	172.6	SIGMA=	1.3	PHAS=	-97.9	FOM=	0.98	TEST=	0
INDE	23	43	54	FOBS=	42.3	SIGMA=	5.3	PHAS=	55.3	FOM=	0.68	TEST=	0
INDE	23	43	56	FOBS=	22.2	SIGMA=	13.9	PHAS=	165.0	FOM=	0.25	TEST=	0
INDE	23	43	58	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	43	60	FOBS=	35.1	SIGMA=	8.5	PHAS=	-13.5	FOM=	0.78	TEST=	0
INDE	23	44	23	FOBS=	139.2	SIGMA=	1.2	PHAS=	77.7	FOM=	0.90	TEST=	1
INDE	23	44	25	FOBS=	77.0	SIGMA=	2.6	PHAS=	-53.7	FOM=	0.41	TEST=	0
INDE	23	44	27	FOBS=	54.3	SIGMA=	3.6	PHAS=	117.7	FOM=	0.80	TEST=	0
INDE	23	44	29	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	44	31	FOBS=	118.1	SIGMA=	1.7	PHAS=	58.1	FOM=	0.94	TEST=	0
INDE	23	44	33	FOBS=	72.7	SIGMA=	2.7	PHAS=	-140.7	FOM=	0.82	TEST=	0
INDE	23	44	35	FOBS=	35.3	SIGMA=	5.6	PHAS=	33.8	FOM=	0.59	TEST=	0
INDE	23	44	37	FOBS=	44.8	SIGMA=	4.2	PHAS=	130.1	FOM=	0.27	TEST=	0
INDE	23	44	39	FOBS=	46.5	SIGMA=	3.8	PHAS=	50.7	FOM=	0.41	TEST=	0
INDE	23	44	41	FOBS=	45.2	SIGMA=	3.9	PHAS=	-83.4	FOM=	0.47	TEST=	0
INDE	23	44	43	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	44	45	FOBS=	6.7	SIGMA=	29.2	PHAS=	46.5	FOM=	0.03	TEST=	0
INDE	23	44	47	FOBS=	98.8	SIGMA=	1.8	PHAS=	44.9	FOM=	0.80	TEST=	0
INDE	23	44	49	FOBS=	74.2	SIGMA=	2.4	PHAS=	-12.6	FOM=	0.74	TEST=	0
INDE	23	44	51	FOBS=	46.3	SIGMA=	4.5	PHAS=	-56.9	FOM=	0.52	TEST=	0
INDE	23	44	53	FOBS=	53.0	SIGMA=	4.2	PHAS=	-27.1	FOM=	0.14	TEST=	1
INDE	23	44	55	FOBS=	77.0	SIGMA=	3.1	PHAS=	69.9	FOM=	0.90	TEST=	0
INDE	23	44	57	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	44	59	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	45	24	FOBS=	97.5	SIGMA=	1.8	PHAS=	71.5	FOM=	0.81	TEST=	0
INDE	23	45	26	FOBS=	122.4	SIGMA=	1.8	PHAS=	118.2	FOM=	0.78	TEST=	0
INDE	23	45	28	FOBS=	63.7	SIGMA=	3.5	PHAS=	76.2	FOM=	0.76	TEST=	0
INDE	23	45	30	FOBS=	101.7	SIGMA=	2.0	PHAS=	-83.5	FOM=	0.92	TEST=	0

INDE	23	45	32	FOBS=	52.1	SIGMA=	3.8	PHAS=	-79.1	FOM=	0.19	TEST=	0
INDE	23	45	34	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	45	36	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	23	45	38	FOBS=	58.9	SIGMA=	3.1	PHAS=	-107.2	FOM=	0.72	TEST=	0
INDE	23	45	40	FOBS=	70.3	SIGMA=	2.7	PHAS=	-145.4	FOM=	0.17	TEST=	1
INDE	23	45	42	FOBS=	95.6	SIGMA=	1.9	PHAS=	-73.0	FOM=	0.93	TEST=	0
INDE	23	45	44	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	45	46	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	45	48	FOBS=	20.3	SIGMA=	9.4	PHAS=	1.4	FOM=	0.35	TEST=	0
INDE	23	45	50	FOBS=	0.0	SIGMA=	18.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	45	52	FOBS=	6.0	SIGMA=	30.7	PHAS=	-104.2	FOM=	0.18	TEST=	0
INDE	23	45	54	FOBS=	35.2	SIGMA=	7.3	PHAS=	-119.0	FOM=	0.69	TEST=	0
INDE	23	45	56	FOBS=	117.2	SIGMA=	2.1	PHAS=	151.9	FOM=	0.87	TEST=	0
INDE	23	45	58	FOBS=	56.1	SIGMA=	5.3	PHAS=	137.0	FOM=	0.70	TEST=	0
INDE	23	46	23	FOBS=	29.4	SIGMA=	6.0	PHAS=	80.5	FOM=	0.09	TEST=	1
INDE	23	46	25	FOBS=	137.6	SIGMA=	1.5	PHAS=	-86.5	FOM=	0.91	TEST=	0
INDE	23	46	27	FOBS=	95.4	SIGMA=	2.2	PHAS=	-24.6	FOM=	0.91	TEST=	0
INDE	23	46	29	FOBS=	95.7	SIGMA=	2.4	PHAS=	-39.2	FOM=	0.93	TEST=	0
INDE	23	46	31	FOBS=	14.6	SIGMA=	14.5	PHAS=	34.6	FOM=	0.07	TEST=	0
INDE	23	46	33	FOBS=	77.6	SIGMA=	2.6	PHAS=	50.3	FOM=	0.86	TEST=	0
INDE	23	46	35	FOBS=	123.1	SIGMA=	1.7	PHAS=	0.2	FOM=	0.94	TEST=	0
INDE	23	46	37	FOBS=	26.2	SIGMA=	8.0	PHAS=	178.5	FOM=	0.23	TEST=	0
INDE	23	46	39	FOBS=	39.8	SIGMA=	4.8	PHAS=	-159.7	FOM=	0.67	TEST=	0
INDE	23	46	41	FOBS=	88.5	SIGMA=	2.1	PHAS=	-136.8	FOM=	0.95	TEST=	0
INDE	23	46	43	FOBS=	79.1	SIGMA=	2.3	PHAS=	-139.2	FOM=	0.69	TEST=	0
INDE	23	46	45	FOBS=	36.9	SIGMA=	4.8	PHAS=	-178.8	FOM=	0.62	TEST=	0
INDE	23	46	47	FOBS=	34.0	SIGMA=	5.4	PHAS=	-11.2	FOM=	0.06	TEST=	1
INDE	23	46	49	FOBS=	91.7	SIGMA=	2.1	PHAS=	-69.3	FOM=	0.86	TEST=	0
INDE	23	46	51	FOBS=	0.0	SIGMA=	22.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	46	53	FOBS=	43.8	SIGMA=	5.4	PHAS=	121.7	FOM=	0.43	TEST=	0
INDE	23	46	55	FOBS=	80.3	SIGMA=	3.0	PHAS=	28.3	FOM=	0.38	TEST=	0
INDE	23	46	57	FOBS=	69.7	SIGMA=	4.3	PHAS=	-25.6	FOM=	0.88	TEST=	0
INDE	23	47	24	FOBS=	89.6	SIGMA=	2.2	PHAS=	90.7	FOM=	0.95	TEST=	0
INDE	23	47	26	FOBS=	123.0	SIGMA=	1.8	PHAS=	94.9	FOM=	0.92	TEST=	0
INDE	23	47	28	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	47	30	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	47	32	FOBS=	144.4	SIGMA=	1.4	PHAS=	-77.4	FOM=	0.91	TEST=	0
INDE	23	47	34	FOBS=	141.7	SIGMA=	1.5	PHAS=	-56.1	FOM=	0.95	TEST=	0
INDE	23	47	36	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	47	38	FOBS=	131.3	SIGMA=	1.6	PHAS=	-18.3	FOM=	0.91	TEST=	0
INDE	23	47	40	FOBS=	147.1	SIGMA=	1.3	PHAS=	92.7	FOM=	0.93	TEST=	0
INDE	23	47	42	FOBS=	57.5	SIGMA=	3.1	PHAS=	-7.5	FOM=	0.41	TEST=	1
INDE	23	47	44	FOBS=	60.9	SIGMA=	2.9	PHAS=	67.7	FOM=	0.59	TEST=	0
INDE	23	47	46	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	47	48	FOBS=	46.4	SIGMA=	4.4	PHAS=	-121.8	FOM=	0.62	TEST=	0
INDE	23	47	50	FOBS=	65.3	SIGMA=	3.1	PHAS=	163.5	FOM=	0.82	TEST=	0
INDE	23	47	52	FOBS=	49.4	SIGMA=	4.2	PHAS=	-136.0	FOM=	0.54	TEST=	0
INDE	23	47	54	FOBS=	71.7	SIGMA=	2.9	PHAS=	-149.2	FOM=	0.89	TEST=	0
INDE	23	47	56	FOBS=	24.2	SIGMA=	13.7	PHAS=	-134.5	FOM=	0.51	TEST=	0
INDE	23	48	23	FOBS=	74.9	SIGMA=	2.2	PHAS=	-53.9	FOM=	0.90	TEST=	0
INDE	23	48	25	FOBS=	204.6	SIGMA=	1.0	PHAS=	0.0	FOM=	0.97	TEST=	0
INDE	23	48	27	FOBS=	265.0	SIGMA=	0.9	PHAS=	-32.7	FOM=	0.98	TEST=	0
INDE	23	48	29	FOBS=	54.1	SIGMA=	3.9	PHAS=	58.0	FOM=	0.55	TEST=	0
INDE	23	48	31	FOBS=	51.5	SIGMA=	3.8	PHAS=	-147.2	FOM=	0.75	TEST=	0
INDE	23	48	33	FOBS=	62.1	SIGMA=	3.2	PHAS=	-130.2	FOM=	0.73	TEST=	0
INDE	23	48	35	FOBS=	45.7	SIGMA=	4.3	PHAS=	175.8	FOM=	0.50	TEST=	0
INDE	23	48	37	FOBS=	82.6	SIGMA=	2.4	PHAS=	-143.3	FOM=	0.71	TEST=	0
INDE	23	48	39	FOBS=	138.9	SIGMA=	1.4	PHAS=	-57.6	FOM=	0.94	TEST=	0
INDE	23	48	41	FOBS=	40.6	SIGMA=	4.4	PHAS=	-129.0	FOM=	0.24	TEST=	0
INDE	23	48	43	FOBS=	70.8	SIGMA=	2.5	PHAS=	-130.1	FOM=	0.53	TEST=	0
INDE	23	48	45	FOBS=	30.5	SIGMA=	6.3	PHAS=	-108.1	FOM=	0.32	TEST=	0
INDE	23	48	47	FOBS=	44.3	SIGMA=	4.6	PHAS=	129.3	FOM=	0.77	TEST=	0
INDE	23	48	49	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	48	51	FOBS=	69.0	SIGMA=	3.0	PHAS=	114.1	FOM=	0.80	TEST=	0
INDE	23	48	53	FOBS=	88.2	SIGMA=	2.4	PHAS=	113.5	FOM=	0.85	TEST=	0
INDE	23	48	55	FOBS=	58.6	SIGMA=	4.2	PHAS=	72.9	FOM=	0.83	TEST=	0
INDE	23	49	24	FOBS=	89.2	SIGMA=	2.0	PHAS=	-18.6	FOM=	0.93	TEST=	0
INDE	23	49	26	FOBS=	179.6	SIGMA=	1.3	PHAS=	-136.5	FOM=	0.96	TEST=	0
INDE	23	49	28	FOBS=	140.9	SIGMA=	1.4	PHAS=	-123.5	FOM=	0.94	TEST=	0
INDE	23	49	30	FOBS=	108.0	SIGMA=	2.0	PHAS=	131.3	FOM=	0.88	TEST=	0

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INDE	23	49	32	FOBS=	156.0	SIGMA=	1.3	PHAS=	-98.1	FOM=	0.96	TEST=	0
INDE	23	49	34	FOBS=	48.7	SIGMA=	4.0	PHAS=	-142.3	FOM=	0.60	TEST=	0
INDE	23	49	36	FOBS=	89.4	SIGMA=	2.2	PHAS=	110.0	FOM=	0.86	TEST=	0
INDE	23	49	38	FOBS=	90.5	SIGMA=	2.2	PHAS=	-56.8	FOM=	0.63	TEST=	0
INDE	23	49	40	FOBS=	80.4	SIGMA=	2.2	PHAS=	52.0	FOM=	0.55	TEST=	0
INDE	23	49	42	FOBS=	76.5	SIGMA=	2.5	PHAS=	84.5	FOM=	0.90	TEST=	0
INDE	23	49	44	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	49	46	FOBS=	12.1	SIGMA=	19.7	PHAS=	57.9	FOM=	0.21	TEST=	0
INDE	23	49	48	FOBS=	67.3	SIGMA=	3.1	PHAS=	5.4	FOM=	0.83	TEST=	0
INDE	23	49	50	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	49	52	FOBS=	32.2	SIGMA=	9.1	PHAS=	-178.5	FOM=	0.34	TEST=	0
INDE	23	49	54	FOBS=	31.1	SIGMA=	8.8	PHAS=	-18.7	FOM=	0.53	TEST=	0
INDE	23	50	23	FOBS=	68.8	SIGMA=	2.4	PHAS=	-76.1	FOM=	0.90	TEST=	0
INDE	23	50	25	FOBS=	162.7	SIGMA=	1.3	PHAS=	73.0	FOM=	0.94	TEST=	0
INDE	23	50	27	FOBS=	104.4	SIGMA=	1.9	PHAS=	32.5	FOM=	0.65	TEST=	1
INDE	23	50	29	FOBS=	80.0	SIGMA=	2.4	PHAS=	154.7	FOM=	0.89	TEST=	0
INDE	23	50	31	FOBS=	66.1	SIGMA=	3.1	PHAS=	-178.9	FOM=	0.55	TEST=	1
INDE	23	50	33	FOBS=	122.0	SIGMA=	1.7	PHAS=	162.0	FOM=	0.92	TEST=	0
INDE	23	50	35	FOBS=	42.1	SIGMA=	4.6	PHAS=	79.0	FOM=	0.66	TEST=	0
INDE	23	50	37	FOBS=	34.9	SIGMA=	6.4	PHAS=	-127.0	FOM=	0.74	TEST=	0
INDE	23	50	39	FOBS=	93.9	SIGMA=	2.3	PHAS=	-70.0	FOM=	0.88	TEST=	0
INDE	23	50	41	FOBS=	103.8	SIGMA=	2.0	PHAS=	22.9	FOM=	0.79	TEST=	0
INDE	23	50	43	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	23	50	45	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	50	47	FOBS=	41.9	SIGMA=	5.0	PHAS=	115.5	FOM=	0.71	TEST=	0
INDE	23	50	49	FOBS=	41.6	SIGMA=	5.0	PHAS=	75.7	FOM=	0.19	TEST=	0
INDE	23	50	51	FOBS=	62.9	SIGMA=	3.7	PHAS=	96.9	FOM=	0.85	TEST=	0
INDE	23	50	53	FOBS=	0.0	SIGMA=	24.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	51	24	FOBS=	77.2	SIGMA=	2.3	PHAS=	-56.9	FOM=	0.92	TEST=	0
INDE	23	51	26	FOBS=	140.3	SIGMA=	1.4	PHAS=	-73.3	FOM=	0.92	TEST=	0
INDE	23	51	28	FOBS=	48.1	SIGMA=	3.9	PHAS=	122.3	FOM=	0.83	TEST=	0
INDE	23	51	30	FOBS=	162.1	SIGMA=	1.3	PHAS=	128.6	FOM=	0.97	TEST=	0
INDE	23	51	32	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	23	51	34	FOBS=	8.4	SIGMA=	32.5	PHAS=	-4.1	FOM=	0.04	TEST=	0
INDE	23	51	36	FOBS=	54.9	SIGMA=	4.1	PHAS=	83.9	FOM=	0.68	TEST=	0
INDE	23	51	38	FOBS=	64.2	SIGMA=	3.6	PHAS=	-134.4	FOM=	0.68	TEST=	0
INDE	23	51	40	FOBS=	32.5	SIGMA=	7.1	PHAS=	101.8	FOM=	0.79	TEST=	0
INDE	23	51	42	FOBS=	105.0	SIGMA=	2.0	PHAS=	75.6	FOM=	0.95	TEST=	0
INDE	23	51	44	FOBS=	136.6	SIGMA=	1.6	PHAS=	14.4	FOM=	0.97	TEST=	0
INDE	23	51	46	FOBS=	77.9	SIGMA=	3.0	PHAS=	17.3	FOM=	0.89	TEST=	0
INDE	23	51	48	FOBS=	45.6	SIGMA=	5.0	PHAS=	-59.3	FOM=	0.79	TEST=	0
INDE	23	51	50	FOBS=	120.3	SIGMA=	2.0	PHAS=	-73.6	FOM=	0.96	TEST=	0
INDE	23	51	52	FOBS=	0.0	SIGMA=	25.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	51	54	FOBS=	0.0	SIGMA=	30.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	52	23	FOBS=	55.7	SIGMA=	2.9	PHAS=	-170.6	FOM=	0.76	TEST=	0
INDE	23	52	25	FOBS=	36.5	SIGMA=	5.4	PHAS=	114.1	FOM=	0.32	TEST=	0
INDE	23	52	27	FOBS=	75.3	SIGMA=	2.5	PHAS=	50.5	FOM=	0.94	TEST=	0
INDE	23	52	29	FOBS=	92.5	SIGMA=	2.2	PHAS=	69.5	FOM=	0.73	TEST=	1
INDE	23	52	31	FOBS=	68.3	SIGMA=	3.0	PHAS=	-169.6	FOM=	0.68	TEST=	0
INDE	23	52	33	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	52	35	FOBS=	24.0	SIGMA=	10.2	PHAS=	91.7	FOM=	0.12	TEST=	0
INDE	23	52	37	FOBS=	69.0	SIGMA=	3.3	PHAS=	-117.8	FOM=	0.61	TEST=	0
INDE	23	52	39	FOBS=	39.4	SIGMA=	7.0	PHAS=	119.5	FOM=	0.44	TEST=	0
INDE	23	52	41	FOBS=	143.6	SIGMA=	1.8	PHAS=	0.4	FOM=	0.96	TEST=	0
INDE	23	52	43	FOBS=	140.1	SIGMA=	1.7	PHAS=	-59.8	FOM=	0.96	TEST=	0
INDE	23	52	45	FOBS=	95.3	SIGMA=	2.5	PHAS=	-81.5	FOM=	0.93	TEST=	0
INDE	23	52	47	FOBS=	25.8	SIGMA=	9.8	PHAS=	-23.5	FOM=	0.06	TEST=	0
INDE	23	52	49	FOBS=	139.6	SIGMA=	2.0	PHAS=	-179.2	FOM=	0.98	TEST=	0
INDE	23	52	51	FOBS=	49.7	SIGMA=	5.7	PHAS=	159.1	FOM=	0.93	TEST=	0
INDE	23	52	53	FOBS=	31.6	SIGMA=	14.8	PHAS=	-129.6	FOM=	0.37	TEST=	0
INDE	23	53	24	FOBS=	52.7	SIGMA=	3.4	PHAS=	174.9	FOM=	0.50	TEST=	0
INDE	23	53	26	FOBS=	8.8	SIGMA=	26.0	PHAS=	39.2	FOM=	0.17	TEST=	0
INDE	23	53	28	FOBS=	52.2	SIGMA=	4.2	PHAS=	-138.4	FOM=	0.73	TEST=	0
INDE	23	53	30	FOBS=	48.4	SIGMA=	4.5	PHAS=	-1.1	FOM=	0.51	TEST=	0
INDE	23	53	32	FOBS=	62.4	SIGMA=	3.5	PHAS=	179.2	FOM=	0.42	TEST=	0
INDE	23	53	34	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	53	36	FOBS=	42.8	SIGMA=	5.2	PHAS=	-73.8	FOM=	0.19	TEST=	0
INDE	23	53	38	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	53	40	FOBS=	71.6	SIGMA=	3.7	PHAS=	99.5	FOM=	0.58	TEST=	0
INDE	23	53	42	FOBS=	47.2	SIGMA=	5.7	PHAS=	173.7	FOM=	0.33	TEST=	1

INDE	23	53	44	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	53	46	FOBS=	44.2	SIGMA=	7.1	PHAS=	157.8	FOM=	0.34	TEST=	0
INDE	23	53	48	FOBS=	65.4	SIGMA=	4.0	PHAS=	106.4	FOM=	0.91	TEST=	0
INDE	23	53	50	FOBS=	43.2	SIGMA=	7.6	PHAS=	-84.2	FOM=	0.07	TEST=	0
INDE	23	53	52	FOBS=	51.8	SIGMA=	8.8	PHAS=	-174.9	FOM=	0.66	TEST=	0
INDE	23	54	23	FOBS=	120.2	SIGMA=	1.5	PHAS=	-128.4	FOM=	0.91	TEST=	0
INDE	23	54	25	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	54	27	FOBS=	130.2	SIGMA=	1.7	PHAS=	98.8	FOM=	0.79	TEST=	1
INDE	23	54	29	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	23	54	31	FOBS=	23.4	SIGMA=	10.1	PHAS=	-156.8	FOM=	0.15	TEST=	0
INDE	23	54	33	FOBS=	30.7	SIGMA=	8.8	PHAS=	82.2	FOM=	0.58	TEST=	0
INDE	23	54	35	FOBS=	28.2	SIGMA=	8.1	PHAS=	-29.4	FOM=	0.22	TEST=	0
INDE	23	54	37	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	54	39	FOBS=	71.2	SIGMA=	4.2	PHAS=	163.1	FOM=	0.82	TEST=	0
INDE	23	54	41	FOBS=	66.3	SIGMA=	4.6	PHAS=	1.8	FOM=	0.89	TEST=	0
INDE	23	54	43	FOBS=	32.1	SIGMA=	7.8	PHAS=	158.4	FOM=	0.48	TEST=	0
INDE	23	54	45	FOBS=	45.4	SIGMA=	5.6	PHAS=	-3.9	FOM=	0.69	TEST=	0
INDE	23	54	47	FOBS=	0.0	SIGMA=	22.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	54	49	FOBS=	29.8	SIGMA=	9.8	PHAS=	51.0	FOM=	0.58	TEST=	0
INDE	23	54	51	FOBS=	63.0	SIGMA=	9.9	PHAS=	155.3	FOM=	0.90	TEST=	0
INDE	23	55	24	FOBS=	177.5	SIGMA=	1.1	PHAS=	146.2	FOM=	0.96	TEST=	0
INDE	23	55	26	FOBS=	61.4	SIGMA=	3.5	PHAS=	-17.1	FOM=	0.58	TEST=	0
INDE	23	55	28	FOBS=	27.2	SIGMA=	8.9	PHAS=	-115.4	FOM=	0.27	TEST=	1
INDE	23	55	30	FOBS=	112.4	SIGMA=	2.2	PHAS=	-67.4	FOM=	0.93	TEST=	0
INDE	23	55	32	FOBS=	32.8	SIGMA=	8.1	PHAS=	125.7	FOM=	0.20	TEST=	0
INDE	23	55	34	FOBS=	121.3	SIGMA=	2.0	PHAS=	-83.1	FOM=	0.92	TEST=	0
INDE	23	55	36	FOBS=	0.0	SIGMA=	25.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	55	38	FOBS=	4.1	SIGMA=	70.0	PHAS=	43.4	FOM=	0.02	TEST=	0
INDE	23	55	40	FOBS=	31.9	SIGMA=	9.3	PHAS=	82.4	FOM=	0.22	TEST=	0
INDE	23	55	42	FOBS=	0.0	SIGMA=	24.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	55	44	FOBS=	58.0	SIGMA=	4.4	PHAS=	-86.0	FOM=	0.76	TEST=	0
INDE	23	55	46	FOBS=	35.5	SIGMA=	8.0	PHAS=	-119.0	FOM=	0.16	TEST=	0
INDE	23	55	48	FOBS=	48.5	SIGMA=	6.1	PHAS=	-102.2	FOM=	0.67	TEST=	0
INDE	23	56	23	FOBS=	45.6	SIGMA=	5.8	PHAS=	-88.6	FOM=	0.53	TEST=	0
INDE	23	56	25	FOBS=	98.6	SIGMA=	2.2	PHAS=	25.9	FOM=	0.89	TEST=	0
INDE	23	56	27	FOBS=	74.4	SIGMA=	3.6	PHAS=	142.1	FOM=	0.84	TEST=	0
INDE	23	56	29	FOBS=	170.2	SIGMA=	1.7	PHAS=	-168.1	FOM=	0.98	TEST=	0
INDE	23	56	31	FOBS=	0.0	SIGMA=	24.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	56	33	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	56	35	FOBS=	41.6	SIGMA=	6.0	PHAS=	-155.7	FOM=	0.44	TEST=	0
INDE	23	56	37	FOBS=	30.8	SIGMA=	9.2	PHAS=	169.9	FOM=	0.28	TEST=	0
INDE	23	56	39	FOBS=	36.9	SIGMA=	8.0	PHAS=	21.8	FOM=	0.32	TEST=	0
INDE	23	56	41	FOBS=	0.0	SIGMA=	24.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	56	43	FOBS=	34.7	SIGMA=	7.3	PHAS=	75.3	FOM=	0.74	TEST=	0
INDE	23	56	45	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	23	56	47	FOBS=	95.3	SIGMA=	3.2	PHAS=	-175.4	FOM=	0.88	TEST=	0
INDE	23	57	24	FOBS=	75.5	SIGMA=	3.0	PHAS=	177.6	FOM=	0.81	TEST=	0
INDE	23	57	26	FOBS=	89.2	SIGMA=	3.0	PHAS=	-44.7	FOM=	0.89	TEST=	0
INDE	23	57	28	FOBS=	62.8	SIGMA=	4.8	PHAS=	46.1	FOM=	0.84	TEST=	0
INDE	23	57	30	FOBS=	0.0	SIGMA=	25.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	57	32	FOBS=	0.0	SIGMA=	25.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	57	34	FOBS=	123.2	SIGMA=	2.4	PHAS=	-80.2	FOM=	0.91	TEST=	0
INDE	23	57	36	FOBS=	25.6	SIGMA=	9.8	PHAS=	131.7	FOM=	0.42	TEST=	0
INDE	23	57	38	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	57	40	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	57	42	FOBS=	64.9	SIGMA=	4.8	PHAS=	-11.2	FOM=	0.88	TEST=	0
INDE	23	57	44	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	57	46	FOBS=	134.2	SIGMA=	2.6	PHAS=	130.2	FOM=	0.96	TEST=	0
INDE	23	58	23	FOBS=	42.0	SIGMA=	6.8	PHAS=	-165.1	FOM=	0.43	TEST=	0
INDE	23	58	25	FOBS=	96.2	SIGMA=	2.7	PHAS=	77.6	FOM=	0.89	TEST=	0
INDE	23	58	27	FOBS=	131.8	SIGMA=	2.1	PHAS=	-154.0	FOM=	0.95	TEST=	0
INDE	23	58	29	FOBS=	78.0	SIGMA=	3.4	PHAS=	153.6	FOM=	0.50	TEST=	1
INDE	23	58	31	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	58	33	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	58	35	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	58	37	FOBS=	10.2	SIGMA=	22.7	PHAS=	-162.5	FOM=	0.12	TEST=	0
INDE	23	58	39	FOBS=	12.7	SIGMA=	26.9	PHAS=	81.1	FOM=	0.16	TEST=	0
INDE	23	58	41	FOBS=	47.3	SIGMA=	6.6	PHAS=	-139.7	FOM=	0.34	TEST=	0
INDE	23	58	43	FOBS=	0.0	SIGMA=	25.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	58	45	FOBS=	62.1	SIGMA=	5.3	PHAS=	44.3	FOM=	0.90	TEST=	0

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INDE	23	59	24	FOBS=	52.7	SIGMA=	5.4	PHAS=	62.2	FOM=	0.81	TEST=	0
INDE	23	59	26	FOBS=	118.6	SIGMA=	2.3	PHAS=	-34.4	FOM=	0.93	TEST=	0
INDE	23	59	28	FOBS=	102.6	SIGMA=	2.7	PHAS=	32.7	FOM=	0.89	TEST=	0
INDE	23	59	30	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	59	32	FOBS=	25.2	SIGMA=	12.1	PHAS=	-145.8	FOM=	0.32	TEST=	0
INDE	23	59	34	FOBS=	100.9	SIGMA=	2.8	PHAS=	-133.9	FOM=	0.93	TEST=	0
INDE	23	59	36	FOBS=	27.5	SIGMA=	10.3	PHAS=	-65.8	FOM=	0.21	TEST=	0
INDE	23	59	38	FOBS=	56.5	SIGMA=	4.2	PHAS=	7.9	FOM=	0.27	TEST=	1
INDE	23	59	40	FOBS=	32.7	SIGMA=	10.6	PHAS=	24.2	FOM=	0.10	TEST=	0
INDE	23	59	42	FOBS=	0.0	SIGMA=	27.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	59	44	FOBS=	0.0	SIGMA=	29.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	23	60	23	FOBS=	51.1	SIGMA=	6.5	PHAS=	134.2	FOM=	0.69	TEST=	0
INDE	23	60	25	FOBS=	91.4	SIGMA=	2.5	PHAS=	140.5	FOM=	0.06	TEST=	1
INDE	23	60	27	FOBS=	123.3	SIGMA=	2.2	PHAS=	-102.6	FOM=	0.93	TEST=	0
INDE	23	60	29	FOBS=	22.4	SIGMA=	13.7	PHAS=	102.5	FOM=	0.14	TEST=	0
INDE	23	60	31	FOBS=	0.0	SIGMA=	24.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	60	33	FOBS=	43.1	SIGMA=	6.4	PHAS=	125.4	FOM=	0.18	TEST=	1
INDE	23	60	35	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	60	37	FOBS=	37.8	SIGMA=	8.7	PHAS=	-42.7	FOM=	0.23	TEST=	0
INDE	23	60	39	FOBS=	68.6	SIGMA=	3.5	PHAS=	-108.1	FOM=	0.21	TEST=	1
INDE	23	60	41	FOBS=	0.0	SIGMA=	26.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	60	43	FOBS=	51.4	SIGMA=	9.1	PHAS=	69.4	FOM=	0.74	TEST=	0
INDE	23	61	24	FOBS=	58.4	SIGMA=	4.9	PHAS=	36.8	FOM=	0.67	TEST=	0
INDE	23	61	26	FOBS=	85.8	SIGMA=	2.7	PHAS=	-64.8	FOM=	0.85	TEST=	0
INDE	23	61	28	FOBS=	39.1	SIGMA=	8.0	PHAS=	-13.8	FOM=	0.51	TEST=	0
INDE	23	61	30	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	23	61	32	FOBS=	76.1	SIGMA=	3.7	PHAS=	-35.7	FOM=	0.87	TEST=	0
INDE	23	61	34	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	61	36	FOBS=	40.4	SIGMA=	7.1	PHAS=	174.1	FOM=	0.28	TEST=	0
INDE	23	61	38	FOBS=	0.0	SIGMA=	24.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	61	40	FOBS=	37.9	SIGMA=	6.4	PHAS=	-135.7	FOM=	0.54	TEST=	0
INDE	23	61	42	FOBS=	0.0	SIGMA=	30.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	62	23	FOBS=	6.4	SIGMA=	44.3	PHAS=	-144.3	FOM=	0.07	TEST=	0
INDE	23	62	25	FOBS=	93.8	SIGMA=	3.2	PHAS=	-64.8	FOM=	0.90	TEST=	0
INDE	23	62	27	FOBS=	65.9	SIGMA=	4.0	PHAS=	-86.2	FOM=	0.82	TEST=	0
INDE	23	62	29	FOBS=	0.0	SIGMA=	27.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	62	31	FOBS=	101.0	SIGMA=	2.8	PHAS=	-163.7	FOM=	0.67	TEST=	1
INDE	23	62	33	FOBS=	38.1	SIGMA=	7.3	PHAS=	-155.8	FOM=	0.24	TEST=	0
INDE	23	62	35	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	62	37	FOBS=	69.6	SIGMA=	3.5	PHAS=	-5.1	FOM=	0.91	TEST=	0
INDE	23	62	39	FOBS=	41.5	SIGMA=	6.5	PHAS=	-159.3	FOM=	0.47	TEST=	0
INDE	23	63	24	FOBS=	32.3	SIGMA=	10.8	PHAS=	-108.0	FOM=	0.45	TEST=	0
INDE	23	63	26	FOBS=	71.5	SIGMA=	4.1	PHAS=	-154.2	FOM=	0.90	TEST=	0
INDE	23	63	28	FOBS=	61.2	SIGMA=	4.4	PHAS=	101.4	FOM=	0.84	TEST=	0
INDE	23	63	30	FOBS=	52.0	SIGMA=	5.2	PHAS=	112.2	FOM=	0.79	TEST=	0
INDE	23	63	32	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	63	34	FOBS=	22.3	SIGMA=	12.8	PHAS=	-110.9	FOM=	0.24	TEST=	0
INDE	23	63	36	FOBS=	0.0	SIGMA=	24.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	63	38	FOBS=	95.3	SIGMA=	3.8	PHAS=	-105.7	FOM=	0.90	TEST=	0
INDE	23	64	23	FOBS=	67.0	SIGMA=	4.3	PHAS=	-132.1	FOM=	0.81	TEST=	0
INDE	23	64	25	FOBS=	23.0	SIGMA=	15.2	PHAS=	66.3	FOM=	0.04	TEST=	0
INDE	23	64	27	FOBS=	54.2	SIGMA=	5.4	PHAS=	16.8	FOM=	0.84	TEST=	0
INDE	23	64	29	FOBS=	84.8	SIGMA=	3.8	PHAS=	9.5	FOM=	0.88	TEST=	0
INDE	23	64	31	FOBS=	0.0	SIGMA=	27.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	23	64	33	FOBS=	87.5	SIGMA=	3.8	PHAS=	-47.7	FOM=	0.93	TEST=	0
INDE	23	64	35	FOBS=	103.9	SIGMA=	3.4	PHAS=	-137.5	FOM=	0.92	TEST=	0
INDE	23	64	37	FOBS=	39.0	SIGMA=	9.0	PHAS=	115.3	FOM=	0.20	TEST=	1
INDE	23	65	24	FOBS=	47.6	SIGMA=	6.1	PHAS=	168.1	FOM=	0.61	TEST=	0
INDE	23	65	26	FOBS=	61.1	SIGMA=	4.9	PHAS=	-63.3	FOM=	0.87	TEST=	0
INDE	23	65	28	FOBS=	46.3	SIGMA=	6.8	PHAS=	-140.2	FOM=	0.65	TEST=	0
INDE	23	65	30	FOBS=	69.3	SIGMA=	4.6	PHAS=	-45.4	FOM=	0.87	TEST=	0
INDE	23	65	32	FOBS=	28.4	SIGMA=	13.7	PHAS=	-137.9	FOM=	0.65	TEST=	0
INDE	23	65	34	FOBS=	95.3	SIGMA=	3.7	PHAS=	-168.9	FOM=	0.95	TEST=	0
INDE	23	66	23	FOBS=	26.9	SIGMA=	12.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	23	66	25	FOBS=	27.1	SIGMA=	21.2	PHAS=	111.7	FOM=	0.54	TEST=	0
INDE	23	66	27	FOBS=	77.5	SIGMA=	4.7	PHAS=	-119.2	FOM=	0.89	TEST=	0
INDE	23	66	29	FOBS=	49.2	SIGMA=	6.5	PHAS=	132.4	FOM=	0.67	TEST=	0
INDE	23	66	31	FOBS=	30.5	SIGMA=	10.7	PHAS=	-149.5	FOM=	0.67	TEST=	0
INDE	23	66	33	FOBS=	64.6	SIGMA=	5.3	PHAS=	74.8	FOM=	0.88	TEST=	0
INDE	23	67	24	FOBS=	40.8	SIGMA=	10.6	PHAS=	16.4	FOM=	0.51	TEST=	0

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INDE	23	67	26	FOBS=	81.4	SIGMA=	5.8	PHAS=	-177.9	FOM=	0.75	TEST=	0
INDE	23	67	28	FOBS=	48.9	SIGMA=	7.5	PHAS=	113.7	FOM=	0.81	TEST=	0
INDE	23	67	30	FOBS=	73.4	SIGMA=	5.7	PHAS=	21.7	FOM=	0.88	TEST=	0
INDE	23	68	23	FOBS=	34.9	SIGMA=	12.8	PHAS=	-151.3	FOM=	0.60	TEST=	0
INDE	23	68	25	FOBS=	36.8	SIGMA=	12.5	PHAS=	55.4	FOM=	0.56	TEST=	0
INDE	23	68	27	FOBS=	30.2	SIGMA=	15.9	PHAS=	-47.6	FOM=	0.32	TEST=	0
INDE	23	69	24	FOBS=	45.3	SIGMA=	10.1	PHAS=	65.5	FOM=	0.64	TEST=	0
INDE	23	69	26	FOBS=	36.6	SIGMA=	13.2	PHAS=	148.4	FOM=	0.50	TEST=	0
INDE	23	70	23	FOBS=	58.0	SIGMA=	7.6	PHAS=	-176.4	FOM=	0.26	TEST=	0
INDE	24	24	24	FOBS=	492.5	SIGMA=	1.1	PHAS=	-94.0	FOM=	0.99	TEST=	0
INDE	24	25	25	FOBS=	347.1	SIGMA=	0.6	PHAS=	161.8	FOM=	0.94	TEST=	0
INDE	24	25	27	FOBS=	112.9	SIGMA=	1.3	PHAS=	-132.9	FOM=	0.60	TEST=	0
INDE	24	25	29	FOBS=	140.4	SIGMA=	1.2	PHAS=	177.5	FOM=	0.88	TEST=	0
INDE	24	25	31	FOBS=	54.7	SIGMA=	2.9	PHAS=	-102.7	FOM=	0.89	TEST=	0
INDE	24	25	33	FOBS=	49.9	SIGMA=	3.3	PHAS=	41.0	FOM=	0.53	TEST=	0
INDE	24	25	35	FOBS=	210.5	SIGMA=	0.9	PHAS=	133.2	FOM=	0.92	TEST=	0
INDE	24	25	37	FOBS=	196.1	SIGMA=	1.0	PHAS=	128.7	FOM=	0.95	TEST=	0
INDE	24	25	39	FOBS=	219.6	SIGMA=	0.9	PHAS=	-129.1	FOM=	0.96	TEST=	0
INDE	24	25	41	FOBS=	231.9	SIGMA=	0.9	PHAS=	13.0	FOM=	0.96	TEST=	0
INDE	24	25	43	FOBS=	35.1	SIGMA=	4.9	PHAS=	-126.1	FOM=	0.83	TEST=	0
INDE	24	25	45	FOBS=	146.3	SIGMA=	1.3	PHAS=	-168.9	FOM=	0.93	TEST=	0
INDE	24	25	47	FOBS=	20.6	SIGMA=	9.1	PHAS=	98.7	FOM=	0.05	TEST=	0
INDE	24	25	49	FOBS=	175.4	SIGMA=	1.0	PHAS=	106.1	FOM=	0.89	TEST=	0
INDE	24	25	51	FOBS=	41.6	SIGMA=	3.9	PHAS=	173.1	FOM=	0.25	TEST=	0
INDE	24	25	53	FOBS=	111.1	SIGMA=	1.5	PHAS=	-32.2	FOM=	0.94	TEST=	0
INDE	24	25	55	FOBS=	120.2	SIGMA=	1.5	PHAS=	25.1	FOM=	0.92	TEST=	0
INDE	24	25	57	FOBS=	85.1	SIGMA=	3.5	PHAS=	-87.7	FOM=	0.90	TEST=	0
INDE	24	25	59	FOBS=	34.6	SIGMA=	9.8	PHAS=	-103.3	FOM=	0.28	TEST=	0
INDE	24	25	61	FOBS=	78.6	SIGMA=	3.8	PHAS=	-25.7	FOM=	0.91	TEST=	0
INDE	24	25	63	FOBS=	20.0	SIGMA=	19.2	PHAS=	-55.3	FOM=	0.48	TEST=	0
INDE	24	25	65	FOBS=	0.0	SIGMA=	27.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	25	67	FOBS=	16.6	SIGMA=	27.5	PHAS=	-101.2	FOM=	0.21	TEST=	0
INDE	24	25	69	FOBS=	7.5	SIGMA=	62.1	PHAS=	-21.6	FOM=	0.16	TEST=	0
INDE	24	26	24	FOBS=	109.6	SIGMA=	1.5	PHAS=	-134.6	FOM=	0.95	TEST=	0
INDE	24	26	26	FOBS=	0.0	SIGMA=	18.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	26	28	FOBS=	236.6	SIGMA=	0.8	PHAS=	123.0	FOM=	0.95	TEST=	0
INDE	24	26	30	FOBS=	159.0	SIGMA=	1.1	PHAS=	-149.9	FOM=	0.97	TEST=	0
INDE	24	26	32	FOBS=	298.4	SIGMA=	0.8	PHAS=	-86.7	FOM=	0.98	TEST=	1
INDE	24	26	34	FOBS=	119.3	SIGMA=	1.5	PHAS=	88.9	FOM=	0.83	TEST=	0
INDE	24	26	36	FOBS=	308.0	SIGMA=	0.7	PHAS=	104.0	FOM=	0.97	TEST=	0
INDE	24	26	38	FOBS=	33.7	SIGMA=	4.9	PHAS=	152.5	FOM=	0.87	TEST=	0
INDE	24	26	40	FOBS=	111.9	SIGMA=	1.6	PHAS=	-22.2	FOM=	0.79	TEST=	0
INDE	24	26	42	FOBS=	59.5	SIGMA=	3.0	PHAS=	-11.2	FOM=	0.16	TEST=	0
INDE	24	26	44	FOBS=	269.0	SIGMA=	0.8	PHAS=	70.0	FOM=	0.97	TEST=	0
INDE	24	26	46	FOBS=	76.8	SIGMA=	2.2	PHAS=	54.5	FOM=	0.78	TEST=	0
INDE	24	26	48	FOBS=	115.6	SIGMA=	1.5	PHAS=	-104.2	FOM=	0.89	TEST=	0
INDE	24	26	50	FOBS=	123.7	SIGMA=	1.4	PHAS=	-54.9	FOM=	0.87	TEST=	0
INDE	24	26	52	FOBS=	76.5	SIGMA=	2.2	PHAS=	0.5	FOM=	0.01	TEST=	1
INDE	24	26	54	FOBS=	47.2	SIGMA=	3.5	PHAS=	-178.6	FOM=	0.72	TEST=	0
INDE	24	26	56	FOBS=	41.4	SIGMA=	5.6	PHAS=	1.6	FOM=	0.12	TEST=	1
INDE	24	26	58	FOBS=	52.8	SIGMA=	5.5	PHAS=	-161.5	FOM=	0.63	TEST=	0
INDE	24	26	60	FOBS=	54.8	SIGMA=	6.2	PHAS=	-42.2	FOM=	0.61	TEST=	0
INDE	24	26	62	FOBS=	53.5	SIGMA=	5.6	PHAS=	-2.7	FOM=	0.77	TEST=	0
INDE	24	26	64	FOBS=	54.8	SIGMA=	5.5	PHAS=	27.3	FOM=	0.48	TEST=	0
INDE	24	26	66	FOBS=	47.5	SIGMA=	9.7	PHAS=	64.8	FOM=	0.72	TEST=	0
INDE	24	26	68	FOBS=	34.2	SIGMA=	13.4	PHAS=	157.7	FOM=	0.42	TEST=	0
INDE	24	27	25	FOBS=	189.1	SIGMA=	1.0	PHAS=	83.5	FOM=	0.97	TEST=	0
INDE	24	27	27	FOBS=	54.9	SIGMA=	2.9	PHAS=	0.2	FOM=	0.87	TEST=	0
INDE	24	27	29	FOBS=	188.6	SIGMA=	1.0	PHAS=	99.6	FOM=	0.90	TEST=	0
INDE	24	27	31	FOBS=	80.4	SIGMA=	2.4	PHAS=	-113.9	FOM=	0.70	TEST=	0
INDE	24	27	33	FOBS=	168.1	SIGMA=	1.2	PHAS=	-162.4	FOM=	0.92	TEST=	0
INDE	24	27	35	FOBS=	133.8	SIGMA=	1.4	PHAS=	66.7	FOM=	0.90	TEST=	0
INDE	24	27	37	FOBS=	271.6	SIGMA=	0.8	PHAS=	35.5	FOM=	0.97	TEST=	0
INDE	24	27	39	FOBS=	49.1	SIGMA=	3.4	PHAS=	162.6	FOM=	0.60	TEST=	0
INDE	24	27	41	FOBS=	100.1	SIGMA=	1.8	PHAS=	-167.5	FOM=	0.47	TEST=	0
INDE	24	27	43	FOBS=	413.7	SIGMA=	0.7	PHAS=	-55.9	FOM=	0.99	TEST=	0
INDE	24	27	45	FOBS=	53.0	SIGMA=	3.2	PHAS=	-51.1	FOM=	0.36	TEST=	0
INDE	24	27	47	FOBS=	151.8	SIGMA=	1.3	PHAS=	176.2	FOM=	0.92	TEST=	0
INDE	24	27	49	FOBS=	143.9	SIGMA=	1.3	PHAS=	159.8	FOM=	0.97	TEST=	0
INDE	24	27	51	FOBS=	98.2	SIGMA=	1.7	PHAS=	124.6	FOM=	0.87	TEST=	0

INDE	24	27	53	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	27	55	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	27	57	FOBS=	33.2	SIGMA=	8.8	PHAS=	113.1	FOM=	0.42	TEST=	0
INDE	24	27	59	FOBS=	0.0	SIGMA=	27.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	27	61	FOBS=	79.3	SIGMA=	3.8	PHAS=	-7.2	FOM=	0.54	TEST=	1
INDE	24	27	63	FOBS=	30.6	SIGMA=	9.8	PHAS=	-95.9	FOM=	0.32	TEST=	0
INDE	24	27	65	FOBS=	58.0	SIGMA=	8.3	PHAS=	-15.6	FOM=	0.44	TEST=	1
INDE	24	27	67	FOBS=	65.9	SIGMA=	7.3	PHAS=	-36.3	FOM=	0.89	TEST=	0
INDE	24	28	24	FOBS=	201.6	SIGMA=	1.0	PHAS=	-98.5	FOM=	0.95	TEST=	0
INDE	24	28	26	FOBS=	431.9	SIGMA=	0.7	PHAS=	-34.0	FOM=	0.98	TEST=	0
INDE	24	28	28	FOBS=	283.7	SIGMA=	0.7	PHAS=	50.1	FOM=	0.96	TEST=	0
INDE	24	28	30	FOBS=	52.1	SIGMA=	3.5	PHAS=	42.8	FOM=	0.79	TEST=	0
INDE	24	28	32	FOBS=	166.2	SIGMA=	1.2	PHAS=	100.2	FOM=	0.38	TEST=	1
INDE	24	28	34	FOBS=	158.4	SIGMA=	1.3	PHAS=	167.5	FOM=	0.95	TEST=	0
INDE	24	28	36	FOBS=	198.3	SIGMA=	1.0	PHAS=	-64.4	FOM=	0.93	TEST=	0
INDE	24	28	38	FOBS=	189.3	SIGMA=	0.9	PHAS=	-47.7	FOM=	0.92	TEST=	0
INDE	24	28	40	FOBS=	43.8	SIGMA=	3.7	PHAS=	69.4	FOM=	0.81	TEST=	0
INDE	24	28	42	FOBS=	216.8	SIGMA=	1.0	PHAS=	-127.6	FOM=	0.95	TEST=	0
INDE	24	28	44	FOBS=	107.2	SIGMA=	1.7	PHAS=	165.5	FOM=	0.94	TEST=	0
INDE	24	28	46	FOBS=	141.4	SIGMA=	1.3	PHAS=	75.3	FOM=	0.89	TEST=	0
INDE	24	28	48	FOBS=	144.4	SIGMA=	1.2	PHAS=	115.1	FOM=	0.94	TEST=	0
INDE	24	28	50	FOBS=	171.6	SIGMA=	1.1	PHAS=	6.7	FOM=	0.87	TEST=	1
INDE	24	28	52	FOBS=	63.8	SIGMA=	2.6	PHAS=	29.7	FOM=	0.78	TEST=	0
INDE	24	28	54	FOBS=	62.1	SIGMA=	3.7	PHAS=	171.6	FOM=	0.59	TEST=	0
INDE	24	28	56	FOBS=	55.8	SIGMA=	4.2	PHAS=	-107.4	FOM=	0.70	TEST=	0
INDE	24	28	58	FOBS=	46.6	SIGMA=	5.1	PHAS=	6.4	FOM=	0.30	TEST=	0
INDE	24	28	60	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	28	62	FOBS=	63.7	SIGMA=	4.8	PHAS=	-140.6	FOM=	0.14	TEST=	1
INDE	24	28	64	FOBS=	0.0	SIGMA=	27.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	28	66	FOBS=	30.4	SIGMA=	15.4	PHAS=	49.0	FOM=	0.63	TEST=	0
INDE	24	28	68	FOBS=	76.9	SIGMA=	6.1	PHAS=	177.1	FOM=	0.74	TEST=	0
INDE	24	29	25	FOBS=	209.1	SIGMA=	0.9	PHAS=	-83.8	FOM=	0.89	TEST=	0
INDE	24	29	27	FOBS=	195.9	SIGMA=	1.0	PHAS=	-129.7	FOM=	0.96	TEST=	0
INDE	24	29	29	FOBS=	58.7	SIGMA=	2.8	PHAS=	144.8	FOM=	0.90	TEST=	0
INDE	24	29	31	FOBS=	73.1	SIGMA=	2.5	PHAS=	-45.4	FOM=	0.69	TEST=	0
INDE	24	29	33	FOBS=	134.6	SIGMA=	1.5	PHAS=	174.2	FOM=	0.93	TEST=	0
INDE	24	29	35	FOBS=	246.1	SIGMA=	0.8	PHAS=	152.8	FOM=	0.97	TEST=	0
INDE	24	29	37	FOBS=	101.4	SIGMA=	1.8	PHAS=	63.3	FOM=	0.96	TEST=	0
INDE	24	29	39	FOBS=	69.2	SIGMA=	2.4	PHAS=	-116.5	FOM=	0.80	TEST=	0
INDE	24	29	41	FOBS=	152.1	SIGMA=	1.2	PHAS=	141.2	FOM=	0.95	TEST=	0
INDE	24	29	43	FOBS=	25.9	SIGMA=	7.4	PHAS=	68.1	FOM=	0.23	TEST=	0
INDE	24	29	45	FOBS=	57.2	SIGMA=	3.0	PHAS=	-12.9	FOM=	0.63	TEST=	1
INDE	24	29	47	FOBS=	71.0	SIGMA=	2.4	PHAS=	104.1	FOM=	0.74	TEST=	0
INDE	24	29	49	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	29	51	FOBS=	161.2	SIGMA=	1.1	PHAS=	-124.0	FOM=	0.97	TEST=	0
INDE	24	29	53	FOBS=	40.9	SIGMA=	5.0	PHAS=	-124.7	FOM=	0.78	TEST=	0
INDE	24	29	55	FOBS=	11.3	SIGMA=	23.0	PHAS=	-83.9	FOM=	0.15	TEST=	0
INDE	24	29	57	FOBS=	0.0	SIGMA=	24.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	29	59	FOBS=	46.4	SIGMA=	5.1	PHAS=	8.8	FOM=	0.67	TEST=	0
INDE	24	29	61	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	29	63	FOBS=	0.0	SIGMA=	27.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	29	65	FOBS=	101.9	SIGMA=	4.6	PHAS=	28.7	FOM=	0.88	TEST=	0
INDE	24	29	67	FOBS=	74.5	SIGMA=	6.3	PHAS=	-16.5	FOM=	0.91	TEST=	0
INDE	24	30	24	FOBS=	273.5	SIGMA=	0.7	PHAS=	-109.2	FOM=	0.97	TEST=	0
INDE	24	30	26	FOBS=	203.7	SIGMA=	1.0	PHAS=	-113.3	FOM=	0.83	TEST=	1
INDE	24	30	28	FOBS=	81.1	SIGMA=	2.2	PHAS=	56.4	FOM=	0.92	TEST=	0
INDE	24	30	30	FOBS=	128.5	SIGMA=	1.4	PHAS=	-93.9	FOM=	0.96	TEST=	0
INDE	24	30	32	FOBS=	135.9	SIGMA=	1.3	PHAS=	7.4	FOM=	0.94	TEST=	0
INDE	24	30	34	FOBS=	119.9	SIGMA=	1.5	PHAS=	-179.2	FOM=	0.87	TEST=	0
INDE	24	30	36	FOBS=	221.9	SIGMA=	0.9	PHAS=	-49.7	FOM=	0.98	TEST=	0
INDE	24	30	38	FOBS=	38.3	SIGMA=	4.3	PHAS=	-68.4	FOM=	0.33	TEST=	0
INDE	24	30	40	FOBS=	198.2	SIGMA=	0.9	PHAS=	137.2	FOM=	0.95	TEST=	0
INDE	24	30	42	FOBS=	112.6	SIGMA=	1.4	PHAS=	25.4	FOM=	0.91	TEST=	0
INDE	24	30	44	FOBS=	3.0	SIGMA=	63.6	PHAS=	-51.8	FOM=	0.03	TEST=	0
INDE	24	30	46	FOBS=	48.5	SIGMA=	3.5	PHAS=	87.9	FOM=	0.13	TEST=	0
INDE	24	30	48	FOBS=	37.8	SIGMA=	4.4	PHAS=	120.7	FOM=	0.75	TEST=	1
INDE	24	30	50	FOBS=	112.7	SIGMA=	1.5	PHAS=	84.7	FOM=	0.90	TEST=	0
INDE	24	30	52	FOBS=	118.8	SIGMA=	1.6	PHAS=	170.4	FOM=	0.92	TEST=	0
INDE	24	30	54	FOBS=	24.4	SIGMA=	12.6	PHAS=	126.7	FOM=	0.25	TEST=	0
INDE	24	30	56	FOBS=	68.5	SIGMA=	3.5	PHAS=	-138.1	FOM=	0.84	TEST=	0

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INDE	24	30	58	FOBS=	89.1	SIGMA=	3.5	PHAS=	-38.7	FOM=	0.92	TEST=	0
INDE	24	30	60	FOBS=	21.5	SIGMA=	14.0	PHAS=	61.2	FOM=	0.20	TEST=	0
INDE	24	30	62	FOBS=	72.6	SIGMA=	3.8	PHAS=	-29.8	FOM=	0.88	TEST=	0
INDE	24	30	64	FOBS=	42.7	SIGMA=	11.0	PHAS=	-60.4	FOM=	0.53	TEST=	0
INDE	24	30	66	FOBS=	63.0	SIGMA=	7.3	PHAS=	-75.7	FOM=	0.89	TEST=	0
INDE	24	31	25	FOBS=	106.2	SIGMA=	1.7	PHAS=	-146.7	FOM=	0.92	TEST=	0
INDE	24	31	27	FOBS=	290.3	SIGMA=	0.8	PHAS=	-159.5	FOM=	0.97	TEST=	0
INDE	24	31	29	FOBS=	418.6	SIGMA=	0.8	PHAS=	-146.7	FOM=	0.98	TEST=	0
INDE	24	31	31	FOBS=	176.0	SIGMA=	1.0	PHAS=	171.2	FOM=	0.72	TEST=	1
INDE	24	31	33	FOBS=	73.0	SIGMA=	2.4	PHAS=	137.0	FOM=	0.67	TEST=	0
INDE	24	31	35	FOBS=	320.7	SIGMA=	0.7	PHAS=	-167.3	FOM=	0.97	TEST=	0
INDE	24	31	37	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	31	39	FOBS=	193.9	SIGMA=	0.9	PHAS=	47.6	FOM=	0.86	TEST=	0
INDE	24	31	41	FOBS=	68.2	SIGMA=	2.5	PHAS=	153.1	FOM=	0.95	TEST=	0
INDE	24	31	43	FOBS=	113.8	SIGMA=	1.4	PHAS=	166.3	FOM=	0.83	TEST=	1
INDE	24	31	45	FOBS=	0.0	SIGMA=	18.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	31	47	FOBS=	30.1	SIGMA=	5.3	PHAS=	-179.0	FOM=	0.46	TEST=	0
INDE	24	31	49	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	31	51	FOBS=	42.0	SIGMA=	4.4	PHAS=	94.4	FOM=	0.56	TEST=	0
INDE	24	31	53	FOBS=	14.7	SIGMA=	19.2	PHAS=	119.5	FOM=	0.04	TEST=	1
INDE	24	31	55	FOBS=	63.6	SIGMA=	3.7	PHAS=	-151.9	FOM=	0.70	TEST=	0
INDE	24	31	57	FOBS=	130.2	SIGMA=	1.9	PHAS=	-134.8	FOM=	0.53	TEST=	1
INDE	24	31	59	FOBS=	56.3	SIGMA=	5.4	PHAS=	38.5	FOM=	0.12	TEST=	1
INDE	24	31	61	FOBS=	33.4	SIGMA=	9.0	PHAS=	-85.2	FOM=	0.47	TEST=	0
INDE	24	31	63	FOBS=	77.7	SIGMA=	4.0	PHAS=	169.8	FOM=	0.87	TEST=	0
INDE	24	31	65	FOBS=	44.8	SIGMA=	10.5	PHAS=	-176.2	FOM=	0.71	TEST=	0
INDE	24	31	67	FOBS=	0.0	SIGMA=	30.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	32	24	FOBS=	108.2	SIGMA=	1.6	PHAS=	-122.9	FOM=	0.62	TEST=	0
INDE	24	32	26	FOBS=	76.8	SIGMA=	2.5	PHAS=	90.3	FOM=	0.75	TEST=	0
INDE	24	32	28	FOBS=	300.0	SIGMA=	0.8	PHAS=	98.2	FOM=	0.97	TEST=	0
INDE	24	32	30	FOBS=	247.0	SIGMA=	0.8	PHAS=	94.2	FOM=	0.96	TEST=	0
INDE	24	32	32	FOBS=	110.5	SIGMA=	1.6	PHAS=	-8.1	FOM=	0.83	TEST=	0
INDE	24	32	34	FOBS=	105.8	SIGMA=	1.6	PHAS=	-76.6	FOM=	0.77	TEST=	0
INDE	24	32	36	FOBS=	14.3	SIGMA=	13.7	PHAS=	54.4	FOM=	0.41	TEST=	0
INDE	24	32	38	FOBS=	155.1	SIGMA=	1.1	PHAS=	-77.6	FOM=	0.78	TEST=	0
INDE	24	32	40	FOBS=	111.3	SIGMA=	1.5	PHAS=	26.2	FOM=	0.90	TEST=	0
INDE	24	32	42	FOBS=	159.4	SIGMA=	1.1	PHAS=	76.7	FOM=	0.96	TEST=	0
INDE	24	32	44	FOBS=	78.9	SIGMA=	2.1	PHAS=	51.8	FOM=	0.88	TEST=	0
INDE	24	32	46	FOBS=	0.0	SIGMA=	17.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	24	32	48	FOBS=	121.1	SIGMA=	1.3	PHAS=	-155.7	FOM=	0.90	TEST=	0
INDE	24	32	50	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	32	52	FOBS=	30.9	SIGMA=	6.8	PHAS=	-140.2	FOM=	0.58	TEST=	0
INDE	24	32	54	FOBS=	3.6	SIGMA=	71.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	24	32	56	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	32	58	FOBS=	53.2	SIGMA=	4.4	PHAS=	-121.5	FOM=	0.75	TEST=	0
INDE	24	32	60	FOBS=	86.2	SIGMA=	3.6	PHAS=	120.3	FOM=	0.93	TEST=	0
INDE	24	32	62	FOBS=	80.9	SIGMA=	3.8	PHAS=	15.5	FOM=	0.84	TEST=	0
INDE	24	32	64	FOBS=	82.8	SIGMA=	3.8	PHAS=	51.0	FOM=	0.78	TEST=	0
INDE	24	32	66	FOBS=	27.7	SIGMA=	17.1	PHAS=	-40.9	FOM=	0.11	TEST=	0
INDE	24	33	25	FOBS=	124.5	SIGMA=	1.5	PHAS=	115.9	FOM=	0.93	TEST=	0
INDE	24	33	27	FOBS=	75.1	SIGMA=	2.6	PHAS=	143.8	FOM=	0.83	TEST=	0
INDE	24	33	29	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	33	31	FOBS=	162.0	SIGMA=	1.1	PHAS=	-84.9	FOM=	0.76	TEST=	1
INDE	24	33	33	FOBS=	174.4	SIGMA=	1.0	PHAS=	-154.3	FOM=	0.90	TEST=	0
INDE	24	33	35	FOBS=	155.2	SIGMA=	1.1	PHAS=	158.5	FOM=	0.94	TEST=	0
INDE	24	33	37	FOBS=	52.1	SIGMA=	3.1	PHAS=	-76.1	FOM=	0.78	TEST=	0
INDE	24	33	39	FOBS=	109.0	SIGMA=	1.5	PHAS=	-41.0	FOM=	0.86	TEST=	0
INDE	24	33	41	FOBS=	130.9	SIGMA=	1.3	PHAS=	-110.1	FOM=	0.95	TEST=	0
INDE	24	33	43	FOBS=	68.2	SIGMA=	2.3	PHAS=	129.0	FOM=	0.81	TEST=	0
INDE	24	33	45	FOBS=	20.3	SIGMA=	8.3	PHAS=	-56.6	FOM=	0.25	TEST=	0
INDE	24	33	47	FOBS=	83.1	SIGMA=	1.9	PHAS=	154.8	FOM=	0.73	TEST=	0
INDE	24	33	49	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	33	51	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	33	53	FOBS=	34.2	SIGMA=	5.6	PHAS=	-70.9	FOM=	0.19	TEST=	0
INDE	24	33	55	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	33	57	FOBS=	82.7	SIGMA=	3.1	PHAS=	-131.0	FOM=	0.75	TEST=	0
INDE	24	33	59	FOBS=	62.6	SIGMA=	3.8	PHAS=	26.5	FOM=	0.82	TEST=	0
INDE	24	33	61	FOBS=	55.5	SIGMA=	5.5	PHAS=	-22.1	FOM=	0.74	TEST=	0
INDE	24	33	63	FOBS=	107.9	SIGMA=	3.0	PHAS=	-114.4	FOM=	0.89	TEST=	0
INDE	24	33	65	FOBS=	0.0	SIGMA=	26.9	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	24	34	24	FOBS=	106.3	SIGMA=	1.8	PHAS=	147.6	FOM=	0.89	TEST=	0
INDE	24	34	26	FOBS=	30.2	SIGMA=	6.2	PHAS=	-66.2	FOM=	0.71	TEST=	0
INDE	24	34	28	FOBS=	185.5	SIGMA=	1.1	PHAS=	77.1	FOM=	0.95	TEST=	0
INDE	24	34	30	FOBS=	108.7	SIGMA=	1.7	PHAS=	-81.4	FOM=	0.93	TEST=	0
INDE	24	34	32	FOBS=	182.8	SIGMA=	1.0	PHAS=	83.9	FOM=	0.66	TEST=	1
INDE	24	34	34	FOBS=	115.5	SIGMA=	1.5	PHAS=	30.8	FOM=	0.91	TEST=	0
INDE	24	34	36	FOBS=	0.0	SIGMA=	18.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	24	34	38	FOBS=	197.6	SIGMA=	0.9	PHAS=	-93.4	FOM=	0.97	TEST=	0
INDE	24	34	40	FOBS=	60.7	SIGMA=	2.7	PHAS=	112.3	FOM=	0.86	TEST=	0
INDE	24	34	42	FOBS=	106.5	SIGMA=	1.6	PHAS=	84.8	FOM=	0.90	TEST=	0
INDE	24	34	44	FOBS=	47.1	SIGMA=	3.5	PHAS=	100.5	FOM=	0.79	TEST=	0
INDE	24	34	46	FOBS=	44.0	SIGMA=	3.8	PHAS=	-148.5	FOM=	0.47	TEST=	0
INDE	24	34	48	FOBS=	47.3	SIGMA=	4.0	PHAS=	-162.5	FOM=	0.77	TEST=	0
INDE	24	34	50	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	34	52	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	34	54	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	34	56	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	34	58	FOBS=	62.5	SIGMA=	3.9	PHAS=	-63.4	FOM=	0.82	TEST=	0
INDE	24	34	60	FOBS=	40.9	SIGMA=	5.8	PHAS=	-0.4	FOM=	0.52	TEST=	0
INDE	24	34	62	FOBS=	77.5	SIGMA=	3.6	PHAS=	136.6	FOM=	0.89	TEST=	0
INDE	24	34	64	FOBS=	0.0	SIGMA=	24.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	35	25	FOBS=	249.1	SIGMA=	0.9	PHAS=	87.4	FOM=	0.95	TEST=	0
INDE	24	35	27	FOBS=	172.9	SIGMA=	1.2	PHAS=	90.7	FOM=	0.94	TEST=	0
INDE	24	35	29	FOBS=	155.3	SIGMA=	1.3	PHAS=	135.5	FOM=	0.83	TEST=	0
INDE	24	35	31	FOBS=	182.2	SIGMA=	1.1	PHAS=	-119.1	FOM=	0.93	TEST=	0
INDE	24	35	33	FOBS=	50.5	SIGMA=	3.3	PHAS=	-60.7	FOM=	0.75	TEST=	1
INDE	24	35	35	FOBS=	49.0	SIGMA=	3.4	PHAS=	177.7	FOM=	0.88	TEST=	0
INDE	24	35	37	FOBS=	191.0	SIGMA=	0.9	PHAS=	-172.8	FOM=	0.97	TEST=	0
INDE	24	35	39	FOBS=	0.0	SIGMA=	18.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	35	41	FOBS=	172.0	SIGMA=	1.0	PHAS=	-119.8	FOM=	0.94	TEST=	0
INDE	24	35	43	FOBS=	152.3	SIGMA=	1.1	PHAS=	47.0	FOM=	0.97	TEST=	0
INDE	24	35	45	FOBS=	128.2	SIGMA=	1.3	PHAS=	50.2	FOM=	0.89	TEST=	0
INDE	24	35	47	FOBS=	44.7	SIGMA=	4.5	PHAS=	154.5	FOM=	0.69	TEST=	0
INDE	24	35	49	FOBS=	56.7	SIGMA=	3.3	PHAS=	-71.2	FOM=	0.53	TEST=	0
INDE	24	35	51	FOBS=	93.2	SIGMA=	2.0	PHAS=	-121.5	FOM=	0.86	TEST=	0
INDE	24	35	53	FOBS=	65.8	SIGMA=	3.1	PHAS=	-96.9	FOM=	0.88	TEST=	0
INDE	24	35	55	FOBS=	91.1	SIGMA=	2.3	PHAS=	-82.6	FOM=	0.86	TEST=	0
INDE	24	35	57	FOBS=	68.6	SIGMA=	3.0	PHAS=	-166.6	FOM=	0.84	TEST=	0
INDE	24	35	59	FOBS=	67.2	SIGMA=	3.1	PHAS=	-107.8	FOM=	0.77	TEST=	0
INDE	24	35	61	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	35	63	FOBS=	52.5	SIGMA=	6.0	PHAS=	159.7	FOM=	0.11	TEST=	1
INDE	24	35	65	FOBS=	62.2	SIGMA=	5.2	PHAS=	57.9	FOM=	0.86	TEST=	0
INDE	24	36	24	FOBS=	63.2	SIGMA=	3.0	PHAS=	138.4	FOM=	0.73	TEST=	0
INDE	24	36	26	FOBS=	207.6	SIGMA=	1.0	PHAS=	-27.7	FOM=	0.90	TEST=	0
INDE	24	36	28	FOBS=	269.1	SIGMA=	0.8	PHAS=	54.2	FOM=	0.97	TEST=	0
INDE	24	36	30	FOBS=	76.3	SIGMA=	2.4	PHAS=	90.0	FOM=	0.89	TEST=	0
INDE	24	36	32	FOBS=	172.8	SIGMA=	1.1	PHAS=	132.0	FOM=	0.94	TEST=	0
INDE	24	36	34	FOBS=	62.8	SIGMA=	2.6	PHAS=	-83.6	FOM=	0.82	TEST=	0
INDE	24	36	36	FOBS=	81.3	SIGMA=	2.1	PHAS=	74.8	FOM=	0.92	TEST=	0
INDE	24	36	38	FOBS=	69.4	SIGMA=	2.4	PHAS=	-104.9	FOM=	0.87	TEST=	0
INDE	24	36	40	FOBS=	40.0	SIGMA=	4.1	PHAS=	80.2	FOM=	0.82	TEST=	0
INDE	24	36	42	FOBS=	108.7	SIGMA=	1.5	PHAS=	-25.6	FOM=	0.31	TEST=	1
INDE	24	36	44	FOBS=	100.8	SIGMA=	1.7	PHAS=	-79.9	FOM=	0.86	TEST=	0
INDE	24	36	46	FOBS=	42.9	SIGMA=	4.0	PHAS=	87.0	FOM=	0.40	TEST=	0
INDE	24	36	48	FOBS=	62.9	SIGMA=	3.0	PHAS=	-139.9	FOM=	0.78	TEST=	0
INDE	24	36	50	FOBS=	31.4	SIGMA=	6.8	PHAS=	-152.1	FOM=	0.46	TEST=	0
INDE	24	36	52	FOBS=	43.0	SIGMA=	4.3	PHAS=	-13.6	FOM=	0.22	TEST=	0
INDE	24	36	54	FOBS=	160.0	SIGMA=	1.4	PHAS=	-155.9	FOM=	0.97	TEST=	0
INDE	24	36	56	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	36	58	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	36	60	FOBS=	16.2	SIGMA=	14.7	PHAS=	58.8	FOM=	0.44	TEST=	0
INDE	24	36	62	FOBS=	32.6	SIGMA=	6.8	PHAS=	-157.8	FOM=	0.37	TEST=	0
INDE	24	36	64	FOBS=	76.3	SIGMA=	4.3	PHAS=	-82.1	FOM=	0.89	TEST=	0
INDE	24	37	25	FOBS=	252.9	SIGMA=	0.9	PHAS=	32.8	FOM=	0.95	TEST=	0
INDE	24	37	27	FOBS=	54.4	SIGMA=	3.4	PHAS=	-159.2	FOM=	0.67	TEST=	0
INDE	24	37	29	FOBS=	77.5	SIGMA=	2.4	PHAS=	59.5	FOM=	0.51	TEST=	0
INDE	24	37	31	FOBS=	7.1	SIGMA=	26.8	PHAS=	168.7	FOM=	0.03	TEST=	0
INDE	24	37	33	FOBS=	42.8	SIGMA=	4.2	PHAS=	33.3	FOM=	0.28	TEST=	0
INDE	24	37	35	FOBS=	121.1	SIGMA=	1.4	PHAS=	119.4	FOM=	0.74	TEST=	0
INDE	24	37	37	FOBS=	58.8	SIGMA=	2.8	PHAS=	-174.5	FOM=	0.86	TEST=	0

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INDE	24	37	39	FOBS=	55.2	SIGMA=	2.9	PHAS=	-123.6	FOM=	0.32	TEST=	0
INDE	24	37	41	FOBS=	218.7	SIGMA=	0.8	PHAS=	-81.6	FOM=	0.94	TEST=	0
INDE	24	37	43	FOBS=	26.8	SIGMA=	6.8	PHAS=	109.6	FOM=	0.35	TEST=	0
INDE	24	37	45	FOBS=	95.6	SIGMA=	1.8	PHAS=	54.2	FOM=	0.75	TEST=	0
INDE	24	37	47	FOBS=	57.9	SIGMA=	3.1	PHAS=	-161.0	FOM=	0.71	TEST=	0
INDE	24	37	49	FOBS=	87.5	SIGMA=	2.2	PHAS=	172.6	FOM=	0.92	TEST=	0
INDE	24	37	51	FOBS=	62.2	SIGMA=	3.0	PHAS=	174.4	FOM=	0.88	TEST=	0
INDE	24	37	53	FOBS=	79.1	SIGMA=	2.6	PHAS=	-157.4	FOM=	0.91	TEST=	0
INDE	24	37	55	FOBS=	90.6	SIGMA=	2.3	PHAS=	131.7	FOM=	0.93	TEST=	0
INDE	24	37	57	FOBS=	38.4	SIGMA=	5.3	PHAS=	167.7	FOM=	0.43	TEST=	0
INDE	24	37	59	FOBS=	16.6	SIGMA=	12.2	PHAS=	-29.0	FOM=	0.20	TEST=	1
INDE	24	37	61	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	37	63	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	24	38	24	FOBS=	247.5	SIGMA=	1.0	PHAS=	-95.5	FOM=	0.96	TEST=	0
INDE	24	38	26	FOBS=	205.3	SIGMA=	1.0	PHAS=	-86.8	FOM=	0.96	TEST=	0
INDE	24	38	28	FOBS=	76.1	SIGMA=	2.4	PHAS=	-44.8	FOM=	0.78	TEST=	0
INDE	24	38	30	FOBS=	133.8	SIGMA=	1.4	PHAS=	21.2	FOM=	0.90	TEST=	0
INDE	24	38	32	FOBS=	125.2	SIGMA=	1.5	PHAS=	-117.0	FOM=	0.85	TEST=	0
INDE	24	38	34	FOBS=	19.9	SIGMA=	8.2	PHAS=	151.7	FOM=	0.03	TEST=	0
INDE	24	38	36	FOBS=	82.9	SIGMA=	2.0	PHAS=	107.0	FOM=	0.92	TEST=	0
INDE	24	38	38	FOBS=	51.0	SIGMA=	3.2	PHAS=	20.4	FOM=	0.85	TEST=	0
INDE	24	38	40	FOBS=	46.2	SIGMA=	3.6	PHAS=	-139.7	FOM=	0.57	TEST=	0
INDE	24	38	42	FOBS=	32.2	SIGMA=	6.3	PHAS=	21.2	FOM=	0.00	TEST=	0
INDE	24	38	44	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	38	46	FOBS=	26.0	SIGMA=	7.7	PHAS=	60.1	FOM=	0.12	TEST=	0
INDE	24	38	48	FOBS=	72.4	SIGMA=	2.7	PHAS=	72.6	FOM=	0.87	TEST=	0
INDE	24	38	50	FOBS=	116.0	SIGMA=	1.7	PHAS=	41.9	FOM=	0.79	TEST=	1
INDE	24	38	52	FOBS=	77.3	SIGMA=	2.5	PHAS=	73.5	FOM=	0.94	TEST=	0
INDE	24	38	54	FOBS=	84.2	SIGMA=	2.5	PHAS=	157.9	FOM=	0.89	TEST=	0
INDE	24	38	56	FOBS=	97.5	SIGMA=	2.2	PHAS=	3.5	FOM=	0.95	TEST=	0
INDE	24	38	58	FOBS=	17.3	SIGMA=	12.7	PHAS=	-68.2	FOM=	0.29	TEST=	0
INDE	24	38	60	FOBS=	73.1	SIGMA=	2.9	PHAS=	110.0	FOM=	0.69	TEST=	0
INDE	24	38	62	FOBS=	98.9	SIGMA=	2.6	PHAS=	31.2	FOM=	0.92	TEST=	0
INDE	24	39	25	FOBS=	203.4	SIGMA=	1.0	PHAS=	153.6	FOM=	0.94	TEST=	0
INDE	24	39	27	FOBS=	118.3	SIGMA=	1.6	PHAS=	-169.9	FOM=	0.91	TEST=	0
INDE	24	39	29	FOBS=	76.6	SIGMA=	2.4	PHAS=	-129.6	FOM=	0.84	TEST=	0
INDE	24	39	31	FOBS=	73.3	SIGMA=	2.5	PHAS=	-139.4	FOM=	0.78	TEST=	0
INDE	24	39	33	FOBS=	54.8	SIGMA=	3.3	PHAS=	169.1	FOM=	0.38	TEST=	0
INDE	24	39	35	FOBS=	108.0	SIGMA=	1.6	PHAS=	159.7	FOM=	0.78	TEST=	0
INDE	24	39	37	FOBS=	22.1	SIGMA=	7.3	PHAS=	2.1	FOM=	0.42	TEST=	0
INDE	24	39	39	FOBS=	119.1	SIGMA=	1.4	PHAS=	79.1	FOM=	0.87	TEST=	0
INDE	24	39	41	FOBS=	63.5	SIGMA=	2.8	PHAS=	144.0	FOM=	0.90	TEST=	0
INDE	24	39	43	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	24	39	45	FOBS=	49.7	SIGMA=	3.5	PHAS=	-142.6	FOM=	0.70	TEST=	0
INDE	24	39	47	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	39	49	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	39	51	FOBS=	34.3	SIGMA=	5.8	PHAS=	-87.0	FOM=	0.38	TEST=	0
INDE	24	39	53	FOBS=	70.0	SIGMA=	3.0	PHAS=	-132.1	FOM=	0.73	TEST=	0
INDE	24	39	55	FOBS=	39.1	SIGMA=	5.2	PHAS=	-144.6	FOM=	0.60	TEST=	0
INDE	24	39	57	FOBS=	72.4	SIGMA=	2.9	PHAS=	-99.7	FOM=	0.81	TEST=	0
INDE	24	39	59	FOBS=	35.0	SIGMA=	6.9	PHAS=	35.9	FOM=	0.59	TEST=	0
INDE	24	39	61	FOBS=	70.9	SIGMA=	3.6	PHAS=	-105.3	FOM=	0.93	TEST=	0
INDE	24	40	24	FOBS=	176.4	SIGMA=	1.2	PHAS=	-15.3	FOM=	0.93	TEST=	0
INDE	24	40	26	FOBS=	78.7	SIGMA=	2.3	PHAS=	86.2	FOM=	0.85	TEST=	0
INDE	24	40	28	FOBS=	29.0	SIGMA=	6.4	PHAS=	146.5	FOM=	0.32	TEST=	0
INDE	24	40	30	FOBS=	237.1	SIGMA=	0.9	PHAS=	54.6	FOM=	0.95	TEST=	0
INDE	24	40	32	FOBS=	52.9	SIGMA=	3.4	PHAS=	130.3	FOM=	0.91	TEST=	0
INDE	24	40	34	FOBS=	133.8	SIGMA=	1.4	PHAS=	79.7	FOM=	0.80	TEST=	0
INDE	24	40	36	FOBS=	26.7	SIGMA=	6.3	PHAS=	-58.3	FOM=	0.71	TEST=	0
INDE	24	40	38	FOBS=	137.6	SIGMA=	1.3	PHAS=	-31.1	FOM=	0.95	TEST=	0
INDE	24	40	40	FOBS=	116.5	SIGMA=	1.6	PHAS=	-38.1	FOM=	0.92	TEST=	0
INDE	24	40	42	FOBS=	53.8	SIGMA=	3.5	PHAS=	84.8	FOM=	0.02	TEST=	1
INDE	24	40	44	FOBS=	52.2	SIGMA=	3.3	PHAS=	107.9	FOM=	0.87	TEST=	0
INDE	24	40	46	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	40	48	FOBS=	108.5	SIGMA=	1.6	PHAS=	27.5	FOM=	0.90	TEST=	0
INDE	24	40	50	FOBS=	47.4	SIGMA=	4.0	PHAS=	21.9	FOM=	0.60	TEST=	0
INDE	24	40	52	FOBS=	83.6	SIGMA=	2.5	PHAS=	47.6	FOM=	0.91	TEST=	0
INDE	24	40	54	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	40	56	FOBS=	42.4	SIGMA=	5.3	PHAS=	-47.5	FOM=	0.11	TEST=	1
INDE	24	40	58	FOBS=	83.9	SIGMA=	2.5	PHAS=	-156.5	FOM=	0.92	TEST=	0

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FOBS= TEST=

INDE	24	40	60	FOBS=	50.3	SIGMA=	4.2	PHAS=	-158.9	FOM=	0.30	TEST=	1
INDE	24	40	62	FOBS=	47.7	SIGMA=	5.4	PHAS=	-136.5	FOM=	0.42	TEST=	0
INDE	24	41	25	FOBS=	165.8	SIGMA=	1.3	PHAS=	-147.9	FOM=	0.95	TEST=	0
INDE	24	41	27	FOBS=	146.2	SIGMA=	1.3	PHAS=	20.4	FOM=	0.98	TEST=	0
INDE	24	41	29	FOBS=	20.8	SIGMA=	9.0	PHAS=	117.5	FOM=	0.07	TEST=	1
INDE	24	41	31	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	41	33	FOBS=	144.9	SIGMA=	1.3	PHAS=	-32.5	FOM=	0.92	TEST=	0
INDE	24	41	35	FOBS=	77.4	SIGMA=	2.3	PHAS=	-77.4	FOM=	0.66	TEST=	0
INDE	24	41	37	FOBS=	41.7	SIGMA=	4.3	PHAS=	-138.2	FOM=	0.77	TEST=	0
INDE	24	41	39	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	41	41	FOBS=	180.9	SIGMA=	1.1	PHAS=	-132.8	FOM=	0.95	TEST=	0
INDE	24	41	43	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	41	45	FOBS=	92.3	SIGMA=	1.9	PHAS=	64.4	FOM=	0.72	TEST=	0
INDE	24	41	47	FOBS=	156.8	SIGMA=	1.2	PHAS=	-134.8	FOM=	0.97	TEST=	0
INDE	24	41	49	FOBS=	5.3	SIGMA=	33.8	PHAS=	-81.4	FOM=	0.06	TEST=	0
INDE	24	41	51	FOBS=	87.4	SIGMA=	2.2	PHAS=	-105.6	FOM=	0.93	TEST=	0
INDE	24	41	53	FOBS=	100.6	SIGMA=	2.1	PHAS=	-131.0	FOM=	0.88	TEST=	0
INDE	24	41	55	FOBS=	37.0	SIGMA=	5.7	PHAS=	-102.2	FOM=	0.66	TEST=	0
INDE	24	41	57	FOBS=	57.0	SIGMA=	3.7	PHAS=	146.8	FOM=	0.62	TEST=	0
INDE	24	41	59	FOBS=	60.4	SIGMA=	3.5	PHAS=	179.5	FOM=	0.74	TEST=	0
INDE	24	41	61	FOBS=	46.6	SIGMA=	5.5	PHAS=	-115.7	FOM=	0.81	TEST=	0
INDE	24	42	24	FOBS=	195.3	SIGMA=	1.0	PHAS=	107.8	FOM=	0.97	TEST=	0
INDE	24	42	26	FOBS=	33.2	SIGMA=	6.4	PHAS=	-45.6	FOM=	0.20	TEST=	1
INDE	24	42	28	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	42	30	FOBS=	158.2	SIGMA=	1.3	PHAS=	53.0	FOM=	0.92	TEST=	0
INDE	24	42	32	FOBS=	101.2	SIGMA=	1.8	PHAS=	-111.7	FOM=	0.85	TEST=	0
INDE	24	42	34	FOBS=	61.8	SIGMA=	3.0	PHAS=	-161.1	FOM=	0.86	TEST=	0
INDE	24	42	36	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	42	38	FOBS=	40.1	SIGMA=	5.3	PHAS=	1.1	FOM=	0.28	TEST=	0
INDE	24	42	40	FOBS=	83.9	SIGMA=	2.2	PHAS=	40.9	FOM=	0.15	TEST=	0
INDE	24	42	42	FOBS=	86.4	SIGMA=	2.1	PHAS=	144.3	FOM=	0.89	TEST=	0
INDE	24	42	44	FOBS=	76.4	SIGMA=	2.3	PHAS=	-14.3	FOM=	0.82	TEST=	0
INDE	24	42	46	FOBS=	58.9	SIGMA=	3.1	PHAS=	78.7	FOM=	0.77	TEST=	0
INDE	24	42	48	FOBS=	74.6	SIGMA=	2.4	PHAS=	62.1	FOM=	0.94	TEST=	0
INDE	24	42	50	FOBS=	84.7	SIGMA=	2.1	PHAS=	62.6	FOM=	0.92	TEST=	0
INDE	24	42	52	FOBS=	89.2	SIGMA=	2.4	PHAS=	124.2	FOM=	0.93	TEST=	0
INDE	24	42	54	FOBS=	120.4	SIGMA=	1.8	PHAS=	168.6	FOM=	0.85	TEST=	0
INDE	24	42	56	FOBS=	74.4	SIGMA=	2.9	PHAS=	112.1	FOM=	0.95	TEST=	0
INDE	24	42	58	FOBS=	78.1	SIGMA=	2.7	PHAS=	134.8	FOM=	0.88	TEST=	0
INDE	24	42	60	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	43	25	FOBS=	91.5	SIGMA=	2.2	PHAS=	72.2	FOM=	0.92	TEST=	0
INDE	24	43	27	FOBS=	113.3	SIGMA=	1.8	PHAS=	-68.5	FOM=	0.83	TEST=	0
INDE	24	43	29	FOBS=	57.4	SIGMA=	3.1	PHAS=	-78.0	FOM=	0.75	TEST=	0
INDE	24	43	31	FOBS=	105.7	SIGMA=	1.7	PHAS=	-91.1	FOM=	0.90	TEST=	0
INDE	24	43	33	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	43	35	FOBS=	73.1	SIGMA=	2.8	PHAS=	-110.1	FOM=	0.72	TEST=	0
INDE	24	43	37	FOBS=	46.1	SIGMA=	3.9	PHAS=	-82.1	FOM=	0.56	TEST=	0
INDE	24	43	39	FOBS=	29.7	SIGMA=	6.7	PHAS=	122.9	FOM=	0.32	TEST=	0
INDE	24	43	41	FOBS=	40.6	SIGMA=	4.6	PHAS=	42.0	FOM=	0.29	TEST=	0
INDE	24	43	43	FOBS=	43.9	SIGMA=	4.5	PHAS=	159.8	FOM=	0.60	TEST=	1
INDE	24	43	45	FOBS=	9.6	SIGMA=	19.2	PHAS=	-63.9	FOM=	0.17	TEST=	0
INDE	24	43	47	FOBS=	100.5	SIGMA=	1.8	PHAS=	-87.1	FOM=	0.91	TEST=	0
INDE	24	43	49	FOBS=	82.0	SIGMA=	2.2	PHAS=	-1.3	FOM=	0.63	TEST=	1
INDE	24	43	51	FOBS=	73.1	SIGMA=	2.6	PHAS=	-71.6	FOM=	0.79	TEST=	0
INDE	24	43	53	FOBS=	107.7	SIGMA=	2.0	PHAS=	125.1	FOM=	0.32	TEST=	1
INDE	24	43	55	FOBS=	114.1	SIGMA=	1.9	PHAS=	26.9	FOM=	0.94	TEST=	0
INDE	24	43	57	FOBS=	33.9	SIGMA=	6.6	PHAS=	6.4	FOM=	0.68	TEST=	0
INDE	24	43	59	FOBS=	41.0	SIGMA=	6.3	PHAS=	4.0	FOM=	0.75	TEST=	0
INDE	24	44	24	FOBS=	102.5	SIGMA=	1.7	PHAS=	-17.8	FOM=	0.87	TEST=	0
INDE	24	44	26	FOBS=	67.5	SIGMA=	2.9	PHAS=	-86.2	FOM=	0.71	TEST=	0
INDE	24	44	28	FOBS=	50.2	SIGMA=	3.5	PHAS=	144.6	FOM=	0.89	TEST=	1
INDE	24	44	30	FOBS=	167.2	SIGMA=	1.1	PHAS=	178.5	FOM=	0.96	TEST=	0
INDE	24	44	32	FOBS=	28.4	SIGMA=	8.7	PHAS=	-38.0	FOM=	0.18	TEST=	0
INDE	24	44	34	FOBS=	67.6	SIGMA=	3.0	PHAS=	180.0	FOM=	0.88	TEST=	0
INDE	24	44	36	FOBS=	16.4	SIGMA=	12.9	PHAS=	-98.0	FOM=	0.49	TEST=	0
INDE	24	44	38	FOBS=	33.8	SIGMA=	5.6	PHAS=	-102.3	FOM=	0.22	TEST=	0
INDE	24	44	40	FOBS=	84.6	SIGMA=	2.1	PHAS=	-158.8	FOM=	0.43	TEST=	0
INDE	24	44	42	FOBS=	72.9	SIGMA=	2.5	PHAS=	-171.4	FOM=	0.84	TEST=	0
INDE	24	44	44	FOBS=	38.2	SIGMA=	4.6	PHAS=	-75.9	FOM=	0.18	TEST=	0
INDE	24	44	46	FOBS=	56.6	SIGMA=	3.1	PHAS=	125.8	FOM=	0.34	TEST=	0

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INDE	24	44	48	FOBS=	26.9	SIGMA=	7.0	PHAS=	0.1	FOM=	0.40	TEST=	0
INDE	24	44	50	FOBS=	30.1	SIGMA=	6.5	PHAS=	62.0	FOM=	0.47	TEST=	0
INDE	24	44	52	FOBS=	73.0	SIGMA=	2.6	PHAS=	173.7	FOM=	0.83	TEST=	0
INDE	24	44	54	FOBS=	85.8	SIGMA=	2.5	PHAS=	137.6	FOM=	0.81	TEST=	0
INDE	24	44	56	FOBS=	73.1	SIGMA=	3.0	PHAS=	-14.8	FOM=	0.91	TEST=	0
INDE	24	44	58	FOBS=	52.2	SIGMA=	5.7	PHAS=	-113.2	FOM=	0.85	TEST=	0
INDE	24	45	25	FOBS=	35.7	SIGMA=	5.4	PHAS=	113.6	FOM=	0.44	TEST=	0
INDE	24	45	27	FOBS=	87.1	SIGMA=	2.3	PHAS=	-68.3	FOM=	0.93	TEST=	0
INDE	24	45	29	FOBS=	61.6	SIGMA=	2.9	PHAS=	-40.6	FOM=	0.55	TEST=	0
INDE	24	45	31	FOBS=	65.5	SIGMA=	3.0	PHAS=	-42.1	FOM=	0.61	TEST=	0
INDE	24	45	33	FOBS=	34.5	SIGMA=	6.1	PHAS=	-68.1	FOM=	0.35	TEST=	0
INDE	24	45	35	FOBS=	49.8	SIGMA=	4.0	PHAS=	-109.0	FOM=	0.72	TEST=	0
INDE	24	45	37	FOBS=	101.0	SIGMA=	2.0	PHAS=	-97.3	FOM=	0.83	TEST=	0
INDE	24	45	39	FOBS=	82.1	SIGMA=	2.2	PHAS=	-175.0	FOM=	0.91	TEST=	0
INDE	24	45	41	FOBS=	53.7	SIGMA=	3.4	PHAS=	87.9	FOM=	0.77	TEST=	0
INDE	24	45	43	FOBS=	72.4	SIGMA=	2.5	PHAS=	-165.9	FOM=	0.83	TEST=	0
INDE	24	45	45	FOBS=	0.0	SIGMA=	18.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	45	47	FOBS=	38.0	SIGMA=	4.6	PHAS=	-88.6	FOM=	0.56	TEST=	0
INDE	24	45	49	FOBS=	82.5	SIGMA=	2.2	PHAS=	-117.3	FOM=	0.88	TEST=	0
INDE	24	45	51	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	24	45	53	FOBS=	60.0	SIGMA=	3.2	PHAS=	15.1	FOM=	0.85	TEST=	0
INDE	24	45	55	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	45	57	FOBS=	79.7	SIGMA=	3.8	PHAS=	-123.5	FOM=	0.95	TEST=	0
INDE	24	46	24	FOBS=	160.7	SIGMA=	1.1	PHAS=	3.4	FOM=	0.95	TEST=	0
INDE	24	46	26	FOBS=	54.6	SIGMA=	3.6	PHAS=	22.7	FOM=	0.88	TEST=	0
INDE	24	46	28	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	46	30	FOBS=	124.3	SIGMA=	1.6	PHAS=	-150.1	FOM=	0.94	TEST=	0
INDE	24	46	32	FOBS=	129.9	SIGMA=	1.6	PHAS=	163.2	FOM=	0.95	TEST=	0
INDE	24	46	34	FOBS=	38.8	SIGMA=	5.1	PHAS=	157.5	FOM=	0.40	TEST=	0
INDE	24	46	36	FOBS=	120.4	SIGMA=	1.7	PHAS=	-129.0	FOM=	0.93	TEST=	0
INDE	24	46	38	FOBS=	159.1	SIGMA=	1.4	PHAS=	-171.6	FOM=	0.95	TEST=	0
INDE	24	46	40	FOBS=	74.6	SIGMA=	2.4	PHAS=	-47.2	FOM=	0.81	TEST=	0
INDE	24	46	42	FOBS=	71.5	SIGMA=	2.5	PHAS=	-154.4	FOM=	0.28	TEST=	0
INDE	24	46	44	FOBS=	10.0	SIGMA=	18.5	PHAS=	71.5	FOM=	0.09	TEST=	0
INDE	24	46	46	FOBS=	70.8	SIGMA=	2.5	PHAS=	35.2	FOM=	0.85	TEST=	0
INDE	24	46	48	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	24	46	50	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	46	52	FOBS=	35.4	SIGMA=	5.9	PHAS=	-83.5	FOM=	0.50	TEST=	0
INDE	24	46	54	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	46	56	FOBS=	43.7	SIGMA=	6.7	PHAS=	111.1	FOM=	0.71	TEST=	0
INDE	24	47	25	FOBS=	109.6	SIGMA=	1.7	PHAS=	-92.6	FOM=	0.82	TEST=	0
INDE	24	47	27	FOBS=	174.7	SIGMA=	1.4	PHAS=	-114.5	FOM=	0.95	TEST=	0
INDE	24	47	29	FOBS=	62.6	SIGMA=	3.6	PHAS=	-95.3	FOM=	0.52	TEST=	0
INDE	24	47	31	FOBS=	74.4	SIGMA=	2.7	PHAS=	113.2	FOM=	0.60	TEST=	0
INDE	24	47	33	FOBS=	45.9	SIGMA=	4.3	PHAS=	24.2	FOM=	0.53	TEST=	0
INDE	24	47	35	FOBS=	80.8	SIGMA=	2.5	PHAS=	-138.6	FOM=	0.91	TEST=	0
INDE	24	47	37	FOBS=	67.2	SIGMA=	3.0	PHAS=	44.9	FOM=	0.30	TEST=	1
INDE	24	47	39	FOBS=	161.9	SIGMA=	1.2	PHAS=	175.0	FOM=	0.96	TEST=	0
INDE	24	47	41	FOBS=	79.2	SIGMA=	2.3	PHAS=	120.8	FOM=	0.83	TEST=	0
INDE	24	47	43	FOBS=	60.7	SIGMA=	3.0	PHAS=	-143.4	FOM=	0.76	TEST=	0
INDE	24	47	45	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	47	47	FOBS=	44.1	SIGMA=	4.8	PHAS=	-14.3	FOM=	0.69	TEST=	0
INDE	24	47	49	FOBS=	91.5	SIGMA=	2.0	PHAS=	-124.8	FOM=	0.89	TEST=	0
INDE	24	47	51	FOBS=	40.6	SIGMA=	5.1	PHAS=	-57.1	FOM=	0.46	TEST=	0
INDE	24	47	53	FOBS=	45.2	SIGMA=	4.6	PHAS=	-90.4	FOM=	0.73	TEST=	0
INDE	24	47	55	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	47	57	FOBS=	35.5	SIGMA=	9.9	PHAS=	-96.8	FOM=	0.65	TEST=	0
INDE	24	48	24	FOBS=	67.3	SIGMA=	2.5	PHAS=	71.0	FOM=	0.67	TEST=	0
INDE	24	48	26	FOBS=	146.0	SIGMA=	1.5	PHAS=	38.8	FOM=	0.93	TEST=	0
INDE	24	48	28	FOBS=	64.8	SIGMA=	3.5	PHAS=	-156.7	FOM=	0.86	TEST=	0
INDE	24	48	30	FOBS=	25.0	SIGMA=	8.9	PHAS=	101.6	FOM=	0.32	TEST=	0
INDE	24	48	32	FOBS=	148.7	SIGMA=	1.4	PHAS=	-173.9	FOM=	0.95	TEST=	0
INDE	24	48	34	FOBS=	74.7	SIGMA=	2.7	PHAS=	171.6	FOM=	0.86	TEST=	0
INDE	24	48	36	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	48	38	FOBS=	22.5	SIGMA=	9.4	PHAS=	32.8	FOM=	0.29	TEST=	0
INDE	24	48	40	FOBS=	47.7	SIGMA=	3.9	PHAS=	13.3	FOM=	0.69	TEST=	0
INDE	24	48	42	FOBS=	74.6	SIGMA=	2.4	PHAS=	5.1	FOM=	0.68	TEST=	0
INDE	24	48	44	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	48	46	FOBS=	48.6	SIGMA=	4.0	PHAS=	-170.2	FOM=	0.09	TEST=	0
INDE	24	48	48	FOBS=	29.0	SIGMA=	7.6	PHAS=	-145.9	FOM=	0.39	TEST=	0

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INDE	24	48	50	FOBS=	60.1	SIGMA=	3.4	PHAS=	-154.7	FOM=	0.09	TEST=	1
INDE	24	48	52	FOBS=	63.9	SIGMA=	3.3	PHAS=	-180.0	FOM=	0.90	TEST=	0
INDE	24	48	54	FOBS=	86.3	SIGMA=	2.5	PHAS=	132.5	FOM=	0.93	TEST=	0
INDE	24	48	56	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	49	25	FOBS=	290.5	SIGMA=	0.8	PHAS=	-53.0	FOM=	0.98	TEST=	0
INDE	24	49	27	FOBS=	195.3	SIGMA=	1.1	PHAS=	-92.7	FOM=	0.80	TEST=	1
INDE	24	49	29	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	49	31	FOBS=	146.0	SIGMA=	1.4	PHAS=	46.0	FOM=	0.95	TEST=	0
INDE	24	49	33	FOBS=	67.2	SIGMA=	2.9	PHAS=	129.5	FOM=	0.93	TEST=	0
INDE	24	49	35	FOBS=	75.7	SIGMA=	2.6	PHAS=	127.9	FOM=	0.79	TEST=	0
INDE	24	49	37	FOBS=	45.5	SIGMA=	4.4	PHAS=	-27.7	FOM=	0.50	TEST=	0
INDE	24	49	39	FOBS=	119.3	SIGMA=	1.7	PHAS=	-70.9	FOM=	0.09	TEST=	1
INDE	24	49	41	FOBS=	51.7	SIGMA=	3.5	PHAS=	-88.6	FOM=	0.43	TEST=	0
INDE	24	49	43	FOBS=	19.0	SIGMA=	9.9	PHAS=	-89.7	FOM=	0.24	TEST=	0
INDE	24	49	45	FOBS=	48.0	SIGMA=	4.0	PHAS=	117.8	FOM=	0.70	TEST=	0
INDE	24	49	47	FOBS=	88.5	SIGMA=	2.4	PHAS=	77.8	FOM=	0.91	TEST=	0
INDE	24	49	49	FOBS=	28.5	SIGMA=	7.3	PHAS=	-123.5	FOM=	0.42	TEST=	0
INDE	24	49	51	FOBS=	24.9	SIGMA=	10.3	PHAS=	-36.6	FOM=	0.53	TEST=	0
INDE	24	49	53	FOBS=	139.6	SIGMA=	1.6	PHAS=	46.1	FOM=	0.96	TEST=	0
INDE	24	49	55	FOBS=	75.1	SIGMA=	3.7	PHAS=	60.7	FOM=	0.07	TEST=	1
INDE	24	50	24	FOBS=	156.4	SIGMA=	1.1	PHAS=	-126.4	FOM=	0.96	TEST=	0
INDE	24	50	26	FOBS=	120.3	SIGMA=	1.7	PHAS=	163.1	FOM=	0.92	TEST=	0
INDE	24	50	28	FOBS=	90.7	SIGMA=	2.2	PHAS=	-141.1	FOM=	0.95	TEST=	0
INDE	24	50	30	FOBS=	112.1	SIGMA=	2.1	PHAS=	16.3	FOM=	0.84	TEST=	0
INDE	24	50	32	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	50	34	FOBS=	17.5	SIGMA=	12.7	PHAS=	87.1	FOM=	0.18	TEST=	0
INDE	24	50	36	FOBS=	77.7	SIGMA=	2.5	PHAS=	-23.1	FOM=	0.86	TEST=	0
INDE	24	50	38	FOBS=	31.0	SIGMA=	6.4	PHAS=	103.1	FOM=	0.28	TEST=	0
INDE	24	50	40	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	50	42	FOBS=	126.1	SIGMA=	1.6	PHAS=	-38.2	FOM=	0.94	TEST=	0
INDE	24	50	44	FOBS=	49.1	SIGMA=	4.3	PHAS=	-135.2	FOM=	0.55	TEST=	0
INDE	24	50	46	FOBS=	84.7	SIGMA=	2.5	PHAS=	1.9	FOM=	0.86	TEST=	0
INDE	24	50	48	FOBS=	44.7	SIGMA=	4.9	PHAS=	118.2	FOM=	0.50	TEST=	0
INDE	24	50	50	FOBS=	63.6	SIGMA=	3.6	PHAS=	157.0	FOM=	0.93	TEST=	0
INDE	24	50	52	FOBS=	34.9	SIGMA=	7.7	PHAS=	-0.1	FOM=	0.62	TEST=	0
INDE	24	50	54	FOBS=	45.5	SIGMA=	7.0	PHAS=	3.9	FOM=	0.65	TEST=	0
INDE	24	51	25	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	51	27	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	24	51	29	FOBS=	26.4	SIGMA=	7.6	PHAS=	170.6	FOM=	0.37	TEST=	0
INDE	24	51	31	FOBS=	67.1	SIGMA=	3.3	PHAS=	48.8	FOM=	0.85	TEST=	0
INDE	24	51	33	FOBS=	71.7	SIGMA=	2.7	PHAS=	132.8	FOM=	0.81	TEST=	0
INDE	24	51	35	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	51	37	FOBS=	50.1	SIGMA=	3.9	PHAS=	-26.4	FOM=	0.47	TEST=	0
INDE	24	51	39	FOBS=	101.2	SIGMA=	2.2	PHAS=	162.2	FOM=	0.87	TEST=	0
INDE	24	51	41	FOBS=	96.7	SIGMA=	2.0	PHAS=	-149.1	FOM=	0.86	TEST=	0
INDE	24	51	43	FOBS=	34.3	SIGMA=	6.5	PHAS=	153.8	FOM=	0.21	TEST=	0
INDE	24	51	45	FOBS=	78.1	SIGMA=	3.0	PHAS=	67.5	FOM=	0.25	TEST=	1
INDE	24	51	47	FOBS=	68.6	SIGMA=	3.4	PHAS=	3.2	FOM=	0.92	TEST=	0
INDE	24	51	49	FOBS=	98.6	SIGMA=	2.4	PHAS=	38.9	FOM=	0.91	TEST=	0
INDE	24	51	51	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	51	53	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	52	24	FOBS=	7.4	SIGMA=	27.5	PHAS=	51.8	FOM=	0.07	TEST=	0
INDE	24	52	26	FOBS=	24.3	SIGMA=	7.9	PHAS=	79.4	FOM=	0.24	TEST=	0
INDE	24	52	28	FOBS=	55.2	SIGMA=	3.4	PHAS=	57.9	FOM=	0.83	TEST=	0
INDE	24	52	30	FOBS=	25.9	SIGMA=	7.8	PHAS=	-42.8	FOM=	0.43	TEST=	0
INDE	24	52	32	FOBS=	94.3	SIGMA=	2.3	PHAS=	77.7	FOM=	0.91	TEST=	0
INDE	24	52	34	FOBS=	18.9	SIGMA=	10.9	PHAS=	73.0	FOM=	0.01	TEST=	1
INDE	24	52	36	FOBS=	83.5	SIGMA=	2.6	PHAS=	-37.4	FOM=	0.83	TEST=	0
INDE	24	52	38	FOBS=	46.0	SIGMA=	5.0	PHAS=	120.2	FOM=	0.33	TEST=	0
INDE	24	52	40	FOBS=	116.4	SIGMA=	2.3	PHAS=	63.8	FOM=	0.94	TEST=	0
INDE	24	52	42	FOBS=	126.5	SIGMA=	1.9	PHAS=	-21.3	FOM=	0.81	TEST=	0
INDE	24	52	44	FOBS=	37.8	SIGMA=	6.1	PHAS=	-90.2	FOM=	0.76	TEST=	0
INDE	24	52	46	FOBS=	71.4	SIGMA=	3.6	PHAS=	-107.0	FOM=	0.86	TEST=	0
INDE	24	52	48	FOBS=	109.7	SIGMA=	2.4	PHAS=	-100.3	FOM=	0.94	TEST=	0
INDE	24	52	50	FOBS=	79.3	SIGMA=	3.3	PHAS=	161.8	FOM=	0.93	TEST=	0
INDE	24	52	52	FOBS=	27.0	SIGMA=	18.2	PHAS=	80.0	FOM=	0.39	TEST=	0
INDE	24	53	25	FOBS=	0.0	SIGMA=	17.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	24	53	27	FOBS=	112.0	SIGMA=	1.7	PHAS=	-8.1	FOM=	0.92	TEST=	0
INDE	24	53	29	FOBS=	33.7	SIGMA=	5.6	PHAS=	59.5	FOM=	0.42	TEST=	0
INDE	24	53	31	FOBS=	11.7	SIGMA=	17.2	PHAS=	-111.4	FOM=	0.14	TEST=	0

INDE	24	53	33	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	53	35	FOBS=	19.8	SIGMA=	12.2	PHAS=	159.4	FOM=	0.05	TEST=	0
INDE	24	53	37	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	24	53	39	FOBS=	45.1	SIGMA=	5.8	PHAS=	178.0	FOM=	0.21	TEST=	0
INDE	24	53	41	FOBS=	63.6	SIGMA=	4.8	PHAS=	-90.4	FOM=	0.84	TEST=	0
INDE	24	53	43	FOBS=	81.0	SIGMA=	3.2	PHAS=	101.3	FOM=	0.83	TEST=	0
INDE	24	53	45	FOBS=	71.6	SIGMA=	3.6	PHAS=	144.2	FOM=	0.88	TEST=	0
INDE	24	53	47	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	53	49	FOBS=	87.0	SIGMA=	3.1	PHAS=	43.5	FOM=	0.93	TEST=	0
INDE	24	53	51	FOBS=	22.0	SIGMA=	20.6	PHAS=	36.4	FOM=	0.57	TEST=	0
INDE	24	54	24	FOBS=	152.5	SIGMA=	1.2	PHAS=	98.6	FOM=	0.97	TEST=	0
INDE	24	54	26	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	24	54	28	FOBS=	51.9	SIGMA=	3.9	PHAS=	9.1	FOM=	0.74	TEST=	0
INDE	24	54	30	FOBS=	68.9	SIGMA=	3.2	PHAS=	-163.2	FOM=	0.77	TEST=	0
INDE	24	54	32	FOBS=	11.2	SIGMA=	24.0	PHAS=	128.4	FOM=	0.14	TEST=	0
INDE	24	54	34	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	54	36	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	54	38	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	54	40	FOBS=	55.4	SIGMA=	5.4	PHAS=	94.5	FOM=	0.76	TEST=	0
INDE	24	54	42	FOBS=	63.9	SIGMA=	4.3	PHAS=	-43.3	FOM=	0.85	TEST=	0
INDE	24	54	44	FOBS=	88.3	SIGMA=	2.9	PHAS=	27.9	FOM=	0.90	TEST=	0
INDE	24	54	46	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	24	54	48	FOBS=	49.1	SIGMA=	5.4	PHAS=	143.0	FOM=	0.32	TEST=	0
INDE	24	54	50	FOBS=	89.2	SIGMA=	3.9	PHAS=	-107.4	FOM=	0.31	TEST=	1
INDE	24	55	25	FOBS=	47.2	SIGMA=	4.1	PHAS=	29.2	FOM=	0.57	TEST=	0
INDE	24	55	27	FOBS=	83.9	SIGMA=	2.9	PHAS=	-5.1	FOM=	0.91	TEST=	0
INDE	24	55	29	FOBS=	93.4	SIGMA=	2.6	PHAS=	48.3	FOM=	0.93	TEST=	0
INDE	24	55	31	FOBS=	54.7	SIGMA=	5.6	PHAS=	-154.2	FOM=	0.85	TEST=	0
INDE	24	55	33	FOBS=	99.3	SIGMA=	2.9	PHAS=	-0.5	FOM=	0.75	TEST=	0
INDE	24	55	35	FOBS=	19.2	SIGMA=	14.8	PHAS=	-130.4	FOM=	0.40	TEST=	0
INDE	24	55	37	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	24	55	39	FOBS=	17.2	SIGMA=	17.4	PHAS=	-113.5	FOM=	0.00	TEST=	1
INDE	24	55	41	FOBS=	14.6	SIGMA=	20.7	PHAS=	51.5	FOM=	0.22	TEST=	0
INDE	24	55	43	FOBS=	31.1	SIGMA=	9.1	PHAS=	-59.2	FOM=	0.06	TEST=	1
INDE	24	55	45	FOBS=	0.0	SIGMA=	27.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	55	47	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	55	49	FOBS=	49.4	SIGMA=	7.0	PHAS=	72.3	FOM=	0.80	TEST=	0
INDE	24	56	24	FOBS=	196.5	SIGMA=	1.3	PHAS=	90.0	FOM=	0.97	TEST=	0
INDE	24	56	26	FOBS=	101.6	SIGMA=	2.3	PHAS=	-157.2	FOM=	0.94	TEST=	0
INDE	24	56	28	FOBS=	153.2	SIGMA=	1.8	PHAS=	-79.9	FOM=	0.96	TEST=	0
INDE	24	56	30	FOBS=	42.6	SIGMA=	7.4	PHAS=	152.8	FOM=	0.18	TEST=	0
INDE	24	56	32	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	24	56	34	FOBS=	92.2	SIGMA=	2.5	PHAS=	178.3	FOM=	0.84	TEST=	0
INDE	24	56	36	FOBS=	12.7	SIGMA=	22.5	PHAS=	147.1	FOM=	0.26	TEST=	0
INDE	24	56	38	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	56	40	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	56	42	FOBS=	42.1	SIGMA=	7.4	PHAS=	-104.1	FOM=	0.62	TEST=	0
INDE	24	56	44	FOBS=	46.4	SIGMA=	5.6	PHAS=	25.5	FOM=	0.88	TEST=	0
INDE	24	56	46	FOBS=	79.4	SIGMA=	3.4	PHAS=	15.6	FOM=	0.69	TEST=	0
INDE	24	56	48	FOBS=	41.8	SIGMA=	8.1	PHAS=	134.8	FOM=	0.74	TEST=	0
INDE	24	57	25	FOBS=	118.6	SIGMA=	2.0	PHAS=	43.6	FOM=	0.95	TEST=	0
INDE	24	57	27	FOBS=	151.1	SIGMA=	1.9	PHAS=	103.8	FOM=	0.96	TEST=	0
INDE	24	57	29	FOBS=	130.1	SIGMA=	2.2	PHAS=	97.0	FOM=	0.94	TEST=	0
INDE	24	57	31	FOBS=	0.0	SIGMA=	24.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	57	33	FOBS=	31.7	SIGMA=	8.7	PHAS=	-82.9	FOM=	0.73	TEST=	0
INDE	24	57	35	FOBS=	73.5	SIGMA=	3.2	PHAS=	146.6	FOM=	0.85	TEST=	0
INDE	24	57	37	FOBS=	47.5	SIGMA=	6.2	PHAS=	20.3	FOM=	0.78	TEST=	0
INDE	24	57	39	FOBS=	44.5	SIGMA=	6.8	PHAS=	-39.3	FOM=	0.28	TEST=	1
INDE	24	57	41	FOBS=	42.3	SIGMA=	7.2	PHAS=	90.0	FOM=	0.77	TEST=	0
INDE	24	57	43	FOBS=	61.0	SIGMA=	4.7	PHAS=	-57.0	FOM=	0.90	TEST=	0
INDE	24	57	45	FOBS=	77.8	SIGMA=	3.5	PHAS=	-91.8	FOM=	0.85	TEST=	0
INDE	24	57	47	FOBS=	40.7	SIGMA=	11.5	PHAS=	24.6	FOM=	0.77	TEST=	0
INDE	24	58	24	FOBS=	20.6	SIGMA=	17.5	PHAS=	38.9	FOM=	0.16	TEST=	0
INDE	24	58	26	FOBS=	77.1	SIGMA=	3.0	PHAS=	-62.5	FOM=	0.90	TEST=	0
INDE	24	58	28	FOBS=	78.8	SIGMA=	3.4	PHAS=	-100.0	FOM=	0.66	TEST=	0
INDE	24	58	30	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	58	32	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	24	58	34	FOBS=	109.0	SIGMA=	2.7	PHAS=	141.1	FOM=	0.95	TEST=	0
INDE	24	58	36	FOBS=	31.9	SIGMA=	7.3	PHAS=	159.6	FOM=	0.31	TEST=	0
INDE	24	58	38	FOBS=	73.6	SIGMA=	4.1	PHAS=	-177.6	FOM=	0.27	TEST=	1

INDE	24	58	40	FOBS=	0.0	SIGMA=	24.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	58	42	FOBS=	88.2	SIGMA=	3.7	PHAS=	-132.9	FOM=	0.91	TEST=	0
INDE	24	58	44	FOBS=	41.7	SIGMA=	7.0	PHAS=	158.1	FOM=	0.33	TEST=	0
INDE	24	59	25	FOBS=	52.4	SIGMA=	4.3	PHAS=	24.3	FOM=	0.71	TEST=	0
INDE	24	59	27	FOBS=	106.6	SIGMA=	2.2	PHAS=	126.9	FOM=	0.93	TEST=	0
INDE	24	59	29	FOBS=	40.6	SIGMA=	6.5	PHAS=	118.3	FOM=	0.49	TEST=	0
INDE	24	59	31	FOBS=	29.2	SIGMA=	10.7	PHAS=	129.3	FOM=	0.34	TEST=	0
INDE	24	59	33	FOBS=	63.2	SIGMA=	4.4	PHAS=	-101.7	FOM=	0.34	TEST=	0
INDE	24	59	35	FOBS=	64.9	SIGMA=	4.4	PHAS=	76.9	FOM=	0.88	TEST=	0
INDE	24	59	37	FOBS=	63.1	SIGMA=	3.8	PHAS=	112.1	FOM=	0.04	TEST=	1
INDE	24	59	39	FOBS=	41.2	SIGMA=	8.7	PHAS=	-12.7	FOM=	0.08	TEST=	0
INDE	24	59	41	FOBS=	131.9	SIGMA=	2.5	PHAS=	-110.6	FOM=	0.01	TEST=	1
INDE	24	59	43	FOBS=	49.6	SIGMA=	9.3	PHAS=	143.9	FOM=	0.36	TEST=	0
INDE	24	60	24	FOBS=	124.6	SIGMA=	2.5	PHAS=	11.0	FOM=	0.93	TEST=	0
INDE	24	60	26	FOBS=	130.0	SIGMA=	2.1	PHAS=	-110.0	FOM=	0.86	TEST=	0
INDE	24	60	28	FOBS=	48.7	SIGMA=	5.4	PHAS=	-144.3	FOM=	0.74	TEST=	0
INDE	24	60	30	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	60	32	FOBS=	0.0	SIGMA=	27.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	60	34	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	60	36	FOBS=	26.6	SIGMA=	9.7	PHAS=	16.1	FOM=	0.37	TEST=	0
INDE	24	60	38	FOBS=	73.7	SIGMA=	3.7	PHAS=	-121.1	FOM=	0.70	TEST=	0
INDE	24	60	40	FOBS=	61.1	SIGMA=	5.1	PHAS=	101.7	FOM=	0.73	TEST=	0
INDE	24	60	42	FOBS=	38.3	SIGMA=	12.1	PHAS=	-59.8	FOM=	0.54	TEST=	0
INDE	24	61	25	FOBS=	118.5	SIGMA=	2.6	PHAS=	-76.2	FOM=	0.71	TEST=	0
INDE	24	61	27	FOBS=	40.0	SIGMA=	5.7	PHAS=	159.9	FOM=	0.70	TEST=	0
INDE	24	61	29	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	24	61	31	FOBS=	71.4	SIGMA=	3.8	PHAS=	70.8	FOM=	0.92	TEST=	0
INDE	24	61	33	FOBS=	0.0	SIGMA=	25.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	61	35	FOBS=	45.2	SIGMA=	9.0	PHAS=	-104.6	FOM=	0.47	TEST=	0
INDE	24	61	37	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	61	39	FOBS=	0.0	SIGMA=	24.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	61	41	FOBS=	0.0	SIGMA=	30.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	62	24	FOBS=	93.0	SIGMA=	3.3	PHAS=	33.2	FOM=	0.89	TEST=	0
INDE	24	62	26	FOBS=	26.0	SIGMA=	11.5	PHAS=	-145.5	FOM=	0.73	TEST=	0
INDE	24	62	28	FOBS=	48.9	SIGMA=	4.8	PHAS=	-117.4	FOM=	0.81	TEST=	0
INDE	24	62	30	FOBS=	62.3	SIGMA=	4.4	PHAS=	-39.4	FOM=	0.88	TEST=	0
INDE	24	62	32	FOBS=	0.0	SIGMA=	25.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	62	34	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	62	36	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	62	38	FOBS=	55.7	SIGMA=	4.9	PHAS=	-112.4	FOM=	0.86	TEST=	0
INDE	24	62	40	FOBS=	31.0	SIGMA=	12.0	PHAS=	119.1	FOM=	0.15	TEST=	0
INDE	24	63	25	FOBS=	23.9	SIGMA=	12.4	PHAS=	-121.7	FOM=	0.58	TEST=	0
INDE	24	63	27	FOBS=	80.5	SIGMA=	3.8	PHAS=	162.2	FOM=	0.94	TEST=	0
INDE	24	63	29	FOBS=	43.7	SIGMA=	7.2	PHAS=	-159.5	FOM=	0.61	TEST=	0
INDE	24	63	31	FOBS=	25.1	SIGMA=	12.7	PHAS=	128.8	FOM=	0.37	TEST=	0
INDE	24	63	33	FOBS=	65.5	SIGMA=	4.3	PHAS=	-137.6	FOM=	0.85	TEST=	0
INDE	24	63	35	FOBS=	60.9	SIGMA=	4.8	PHAS=	-155.4	FOM=	0.47	TEST=	0
INDE	24	63	37	FOBS=	81.4	SIGMA=	3.4	PHAS=	-156.6	FOM=	0.21	TEST=	1
INDE	24	64	24	FOBS=	23.3	SIGMA=	14.4	PHAS=	49.6	FOM=	0.39	TEST=	0
INDE	24	64	26	FOBS=	44.6	SIGMA=	6.7	PHAS=	134.8	FOM=	0.59	TEST=	0
INDE	24	64	28	FOBS=	76.2	SIGMA=	3.5	PHAS=	47.6	FOM=	0.90	TEST=	0
INDE	24	64	30	FOBS=	49.0	SIGMA=	6.5	PHAS=	-120.3	FOM=	0.71	TEST=	0
INDE	24	64	32	FOBS=	34.9	SIGMA=	9.3	PHAS=	71.0	FOM=	0.80	TEST=	0
INDE	24	64	34	FOBS=	67.2	SIGMA=	5.1	PHAS=	-164.2	FOM=	0.65	TEST=	0
INDE	24	64	36	FOBS=	132.1	SIGMA=	2.8	PHAS=	177.5	FOM=	0.95	TEST=	0
INDE	24	65	25	FOBS=	42.6	SIGMA=	7.0	PHAS=	-135.5	FOM=	0.26	TEST=	0
INDE	24	65	27	FOBS=	71.2	SIGMA=	4.3	PHAS=	-118.4	FOM=	0.91	TEST=	0
INDE	24	65	29	FOBS=	45.4	SIGMA=	5.9	PHAS=	73.3	FOM=	0.78	TEST=	0
INDE	24	65	31	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	65	33	FOBS=	79.6	SIGMA=	4.3	PHAS=	-118.8	FOM=	0.52	TEST=	1
INDE	24	65	35	FOBS=	77.2	SIGMA=	4.6	PHAS=	100.9	FOM=	0.95	TEST=	0
INDE	24	66	24	FOBS=	26.5	SIGMA=	13.4	PHAS=	-173.9	FOM=	0.29	TEST=	0
INDE	24	66	26	FOBS=	20.2	SIGMA=	18.5	PHAS=	91.4	FOM=	0.26	TEST=	0
INDE	24	66	28	FOBS=	24.2	SIGMA=	15.9	PHAS=	95.9	FOM=	0.49	TEST=	0
INDE	24	66	30	FOBS=	73.8	SIGMA=	4.5	PHAS=	-74.2	FOM=	0.92	TEST=	0
INDE	24	66	32	FOBS=	79.9	SIGMA=	4.3	PHAS=	156.6	FOM=	0.87	TEST=	0
INDE	24	67	25	FOBS=	43.0	SIGMA=	10.5	PHAS=	-25.4	FOM=	0.63	TEST=	0
INDE	24	67	27	FOBS=	74.7	SIGMA=	6.6	PHAS=	-168.5	FOM=	0.21	TEST=	1
INDE	24	67	29	FOBS=	33.4	SIGMA=	11.5	PHAS=	98.2	FOM=	0.72	TEST=	0
INDE	24	67	31	FOBS=	47.6	SIGMA=	9.0	PHAS=	-118.6	FOM=	0.76	TEST=	0

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INDE	24	68	24	FOBS=	0.0	SIGMA=	30.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	68	26	FOBS=	0.0	SIGMA=	30.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	68	28	FOBS=	0.0	SIGMA=	31.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	24	69	25	FOBS=	36.1	SIGMA=	13.2	PHAS=	-101.6	FOM=	0.77	TEST=	0
INDE	25	26	25	FOBS=	217.2	SIGMA=	0.9	PHAS=	77.7	FOM=	0.84	TEST=	0
INDE	25	26	27	FOBS=	93.5	SIGMA=	1.7	PHAS=	177.9	FOM=	0.98	TEST=	0
INDE	25	26	29	FOBS=	226.0	SIGMA=	0.8	PHAS=	-9.4	FOM=	0.95	TEST=	0
INDE	25	26	31	FOBS=	191.2	SIGMA=	1.0	PHAS=	78.2	FOM=	0.94	TEST=	0
INDE	25	26	33	FOBS=	253.0	SIGMA=	0.8	PHAS=	109.1	FOM=	0.97	TEST=	0
INDE	25	26	35	FOBS=	234.9	SIGMA=	0.8	PHAS=	-75.4	FOM=	0.82	TEST=	0
INDE	25	26	37	FOBS=	218.4	SIGMA=	0.8	PHAS=	-21.3	FOM=	0.98	TEST=	0
INDE	25	26	39	FOBS=	61.3	SIGMA=	2.7	PHAS=	47.4	FOM=	0.62	TEST=	0
INDE	25	26	41	FOBS=	177.2	SIGMA=	1.1	PHAS=	-120.4	FOM=	0.93	TEST=	0
INDE	25	26	43	FOBS=	319.8	SIGMA=	0.7	PHAS=	-162.3	FOM=	0.98	TEST=	0
INDE	25	26	45	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	26	47	FOBS=	138.9	SIGMA=	1.4	PHAS=	78.6	FOM=	0.92	TEST=	0
INDE	25	26	49	FOBS=	117.3	SIGMA=	1.5	PHAS=	91.6	FOM=	0.98	TEST=	0
INDE	25	26	51	FOBS=	14.3	SIGMA=	13.8	PHAS=	157.0	FOM=	0.11	TEST=	0
INDE	25	26	53	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	26	55	FOBS=	71.6	SIGMA=	2.8	PHAS=	160.9	FOM=	0.86	TEST=	0
INDE	25	26	57	FOBS=	97.6	SIGMA=	2.3	PHAS=	-135.3	FOM=	0.80	TEST=	1
INDE	25	26	59	FOBS=	15.0	SIGMA=	19.6	PHAS=	27.7	FOM=	0.10	TEST=	0
INDE	25	26	61	FOBS=	108.5	SIGMA=	2.8	PHAS=	-98.4	FOM=	0.92	TEST=	0
INDE	25	26	63	FOBS=	30.2	SIGMA=	9.8	PHAS=	70.9	FOM=	0.09	TEST=	0
INDE	25	26	65	FOBS=	0.0	SIGMA=	27.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	26	67	FOBS=	41.3	SIGMA=	11.8	PHAS=	-80.1	FOM=	0.69	TEST=	0
INDE	25	27	26	FOBS=	37.7	SIGMA=	5.0	PHAS=	-144.1	FOM=	0.93	TEST=	0
INDE	25	27	28	FOBS=	84.5	SIGMA=	2.0	PHAS=	-83.0	FOM=	0.87	TEST=	1
INDE	25	27	30	FOBS=	66.5	SIGMA=	2.8	PHAS=	-19.0	FOM=	0.86	TEST=	0
INDE	25	27	32	FOBS=	81.1	SIGMA=	2.5	PHAS=	73.7	FOM=	0.25	TEST=	0
INDE	25	27	34	FOBS=	221.3	SIGMA=	0.9	PHAS=	110.6	FOM=	0.91	TEST=	0
INDE	25	27	36	FOBS=	131.0	SIGMA=	1.3	PHAS=	49.9	FOM=	0.93	TEST=	0
INDE	25	27	38	FOBS=	219.2	SIGMA=	0.8	PHAS=	-88.0	FOM=	0.95	TEST=	0
INDE	25	27	40	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	27	42	FOBS=	274.8	SIGMA=	0.8	PHAS=	76.3	FOM=	0.98	TEST=	0
INDE	25	27	44	FOBS=	34.3	SIGMA=	5.0	PHAS=	103.5	FOM=	0.55	TEST=	1
INDE	25	27	46	FOBS=	188.6	SIGMA=	1.0	PHAS=	-78.1	FOM=	0.60	TEST=	1
INDE	25	27	48	FOBS=	83.9	SIGMA=	2.1	PHAS=	2.7	FOM=	0.70	TEST=	0
INDE	25	27	50	FOBS=	75.6	SIGMA=	2.3	PHAS=	111.3	FOM=	0.70	TEST=	0
INDE	25	27	52	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	27	54	FOBS=	90.9	SIGMA=	2.1	PHAS=	29.5	FOM=	0.86	TEST=	0
INDE	25	27	56	FOBS=	42.5	SIGMA=	4.7	PHAS=	112.5	FOM=	0.63	TEST=	0
INDE	25	27	58	FOBS=	36.3	SIGMA=	6.5	PHAS=	-157.4	FOM=	0.56	TEST=	0
INDE	25	27	60	FOBS=	4.7	SIGMA=	63.4	PHAS=	140.6	FOM=	0.10	TEST=	0
INDE	25	27	62	FOBS=	31.8	SIGMA=	11.8	PHAS=	-119.5	FOM=	0.48	TEST=	0
INDE	25	27	64	FOBS=	35.1	SIGMA=	10.6	PHAS=	34.0	FOM=	0.48	TEST=	0
INDE	25	27	66	FOBS=	7.2	SIGMA=	66.0	PHAS=	-36.2	FOM=	0.17	TEST=	0
INDE	25	27	68	FOBS=	0.0	SIGMA=	31.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	28	25	FOBS=	80.1	SIGMA=	2.3	PHAS=	50.5	FOM=	0.91	TEST=	0
INDE	25	28	27	FOBS=	347.1	SIGMA=	0.7	PHAS=	171.2	FOM=	0.97	TEST=	0
INDE	25	28	29	FOBS=	157.8	SIGMA=	1.2	PHAS=	41.7	FOM=	0.82	TEST=	0
INDE	25	28	31	FOBS=	170.1	SIGMA=	1.2	PHAS=	39.6	FOM=	0.88	TEST=	0
INDE	25	28	33	FOBS=	99.7	SIGMA=	2.0	PHAS=	5.0	FOM=	0.86	TEST=	1
INDE	25	28	35	FOBS=	275.9	SIGMA=	0.8	PHAS=	23.4	FOM=	0.98	TEST=	0
INDE	25	28	37	FOBS=	203.6	SIGMA=	0.9	PHAS=	-46.1	FOM=	0.95	TEST=	0
INDE	25	28	39	FOBS=	103.1	SIGMA=	1.6	PHAS=	-163.2	FOM=	0.83	TEST=	0
INDE	25	28	41	FOBS=	119.3	SIGMA=	1.4	PHAS=	-36.4	FOM=	0.94	TEST=	0
INDE	25	28	43	FOBS=	95.9	SIGMA=	1.9	PHAS=	-26.1	FOM=	0.65	TEST=	0
INDE	25	28	45	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	28	47	FOBS=	62.7	SIGMA=	2.7	PHAS=	-116.0	FOM=	0.77	TEST=	0
INDE	25	28	49	FOBS=	239.2	SIGMA=	0.8	PHAS=	46.2	FOM=	0.98	TEST=	0
INDE	25	28	51	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	28	53	FOBS=	78.5	SIGMA=	2.1	PHAS=	-81.7	FOM=	0.06	TEST=	1
INDE	25	28	55	FOBS=	100.3	SIGMA=	2.4	PHAS=	-81.4	FOM=	0.62	TEST=	0
INDE	25	28	57	FOBS=	44.9	SIGMA=	5.2	PHAS=	-170.6	FOM=	0.46	TEST=	0
INDE	25	28	59	FOBS=	53.6	SIGMA=	4.4	PHAS=	64.6	FOM=	0.84	TEST=	0
INDE	25	28	61	FOBS=	18.1	SIGMA=	20.4	PHAS=	-48.8	FOM=	0.29	TEST=	0
INDE	25	28	63	FOBS=	0.0	SIGMA=	24.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	28	65	FOBS=	18.5	SIGMA=	26.2	PHAS=	-114.3	FOM=	0.48	TEST=	0
INDE	25	28	67	FOBS=	101.9	SIGMA=	5.0	PHAS=	-111.4	FOM=	0.94	TEST=	0

INDE	25	29	26	FOBS=	215.9	SIGMA=	1.0	PHAS=	178.4	FOM=	0.96	TEST=	0
INDE	25	29	28	FOBS=	150.5	SIGMA=	1.3	PHAS=	48.1	FOM=	0.97	TEST=	0
INDE	25	29	30	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	25	29	32	FOBS=	310.6	SIGMA=	0.8	PHAS=	-93.4	FOM=	0.97	TEST=	0
INDE	25	29	34	FOBS=	142.1	SIGMA=	1.4	PHAS=	-67.9	FOM=	0.88	TEST=	0
INDE	25	29	36	FOBS=	177.8	SIGMA=	1.1	PHAS=	-129.5	FOM=	0.91	TEST=	0
INDE	25	29	38	FOBS=	160.8	SIGMA=	1.1	PHAS=	-127.6	FOM=	0.92	TEST=	0
INDE	25	29	40	FOBS=	79.9	SIGMA=	2.1	PHAS=	179.9	FOM=	0.94	TEST=	0
INDE	25	29	42	FOBS=	63.6	SIGMA=	2.6	PHAS=	131.8	FOM=	0.79	TEST=	0
INDE	25	29	44	FOBS=	94.3	SIGMA=	1.9	PHAS=	15.9	FOM=	0.83	TEST=	0
INDE	25	29	46	FOBS=	52.2	SIGMA=	3.5	PHAS=	-30.5	FOM=	0.60	TEST=	0
INDE	25	29	48	FOBS=	44.7	SIGMA=	4.0	PHAS=	-9.6	FOM=	0.70	TEST=	0
INDE	25	29	50	FOBS=	104.5	SIGMA=	1.7	PHAS=	-48.6	FOM=	0.95	TEST=	0
INDE	25	29	52	FOBS=	86.7	SIGMA=	2.0	PHAS=	73.3	FOM=	0.36	TEST=	0
INDE	25	29	54	FOBS=	48.0	SIGMA=	4.0	PHAS=	150.2	FOM=	0.70	TEST=	0
INDE	25	29	56	FOBS=	69.2	SIGMA=	4.4	PHAS=	167.3	FOM=	0.92	TEST=	0
INDE	25	29	58	FOBS=	25.5	SIGMA=	11.9	PHAS=	-40.3	FOM=	0.14	TEST=	0
INDE	25	29	60	FOBS=	70.9	SIGMA=	3.4	PHAS=	-46.0	FOM=	0.82	TEST=	0
INDE	25	29	62	FOBS=	41.3	SIGMA=	7.4	PHAS=	-130.3	FOM=	0.61	TEST=	0
INDE	25	29	64	FOBS=	46.2	SIGMA=	10.6	PHAS=	102.2	FOM=	0.71	TEST=	0
INDE	25	29	66	FOBS=	17.8	SIGMA=	27.4	PHAS=	87.3	FOM=	0.04	TEST=	1
INDE	25	30	25	FOBS=	188.1	SIGMA=	1.1	PHAS=	90.0	FOM=	0.96	TEST=	0
INDE	25	30	27	FOBS=	227.7	SIGMA=	1.1	PHAS=	122.0	FOM=	0.97	TEST=	0
INDE	25	30	29	FOBS=	199.0	SIGMA=	1.2	PHAS=	58.2	FOM=	0.94	TEST=	0
INDE	25	30	31	FOBS=	357.4	SIGMA=	0.7	PHAS=	140.1	FOM=	0.96	TEST=	0
INDE	25	30	33	FOBS=	207.0	SIGMA=	1.0	PHAS=	-167.0	FOM=	0.94	TEST=	0
INDE	25	30	35	FOBS=	281.4	SIGMA=	0.8	PHAS=	67.0	FOM=	0.96	TEST=	0
INDE	25	30	37	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	30	39	FOBS=	78.4	SIGMA=	2.3	PHAS=	120.6	FOM=	0.43	TEST=	0
INDE	25	30	41	FOBS=	293.1	SIGMA=	0.7	PHAS=	79.5	FOM=	0.65	TEST=	1
INDE	25	30	43	FOBS=	102.3	SIGMA=	1.6	PHAS=	0.4	FOM=	0.84	TEST=	1
INDE	25	30	45	FOBS=	32.0	SIGMA=	5.7	PHAS=	5.5	FOM=	0.16	TEST=	1
INDE	25	30	47	FOBS=	64.2	SIGMA=	2.7	PHAS=	-54.0	FOM=	0.40	TEST=	0
INDE	25	30	49	FOBS=	13.1	SIGMA=	14.3	PHAS=	152.4	FOM=	0.16	TEST=	0
INDE	25	30	51	FOBS=	57.4	SIGMA=	2.9	PHAS=	-112.6	FOM=	0.30	TEST=	1
INDE	25	30	53	FOBS=	59.1	SIGMA=	3.1	PHAS=	125.1	FOM=	0.80	TEST=	0
INDE	25	30	55	FOBS=	8.9	SIGMA=	26.2	PHAS=	-12.4	FOM=	0.11	TEST=	0
INDE	25	30	57	FOBS=	91.0	SIGMA=	3.5	PHAS=	133.6	FOM=	0.93	TEST=	0
INDE	25	30	59	FOBS=	46.1	SIGMA=	6.7	PHAS=	-147.4	FOM=	0.58	TEST=	0
INDE	25	30	61	FOBS=	0.0	SIGMA=	27.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	30	63	FOBS=	0.0	SIGMA=	27.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	25	30	65	FOBS=	57.8	SIGMA=	8.7	PHAS=	17.7	FOM=	0.47	TEST=	0
INDE	25	30	67	FOBS=	41.4	SIGMA=	11.9	PHAS=	-86.7	FOM=	0.64	TEST=	0
INDE	25	31	26	FOBS=	202.9	SIGMA=	1.0	PHAS=	-61.3	FOM=	0.95	TEST=	0
INDE	25	31	28	FOBS=	210.8	SIGMA=	1.0	PHAS=	-27.9	FOM=	0.97	TEST=	0
INDE	25	31	30	FOBS=	329.1	SIGMA=	0.7	PHAS=	87.1	FOM=	0.98	TEST=	0
INDE	25	31	32	FOBS=	152.6	SIGMA=	1.2	PHAS=	83.2	FOM=	0.82	TEST=	0
INDE	25	31	34	FOBS=	157.7	SIGMA=	1.2	PHAS=	-44.6	FOM=	0.87	TEST=	0
INDE	25	31	36	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	31	38	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	31	40	FOBS=	298.9	SIGMA=	0.7	PHAS=	-72.4	FOM=	0.97	TEST=	0
INDE	25	31	42	FOBS=	164.4	SIGMA=	1.1	PHAS=	-53.4	FOM=	0.96	TEST=	0
INDE	25	31	44	FOBS=	50.7	SIGMA=	3.3	PHAS=	-32.0	FOM=	0.93	TEST=	0
INDE	25	31	46	FOBS=	46.7	SIGMA=	3.7	PHAS=	-58.1	FOM=	0.80	TEST=	0
INDE	25	31	48	FOBS=	0.0	SIGMA=	18.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	31	50	FOBS=	35.9	SIGMA=	4.9	PHAS=	144.6	FOM=	0.34	TEST=	0
INDE	25	31	52	FOBS=	44.0	SIGMA=	3.9	PHAS=	51.5	FOM=	0.56	TEST=	0
INDE	25	31	54	FOBS=	78.0	SIGMA=	3.1	PHAS=	15.7	FOM=	0.14	TEST=	1
INDE	25	31	56	FOBS=	29.1	SIGMA=	12.8	PHAS=	-1.3	FOM=	0.13	TEST=	0
INDE	25	31	58	FOBS=	39.4	SIGMA=	7.9	PHAS=	55.8	FOM=	0.51	TEST=	0
INDE	25	31	60	FOBS=	87.7	SIGMA=	3.6	PHAS=	19.0	FOM=	0.93	TEST=	0
INDE	25	31	62	FOBS=	62.2	SIGMA=	5.0	PHAS=	-115.2	FOM=	0.86	TEST=	0
INDE	25	31	64	FOBS=	22.8	SIGMA=	16.4	PHAS=	-32.4	FOM=	0.11	TEST=	1
INDE	25	31	66	FOBS=	0.0	SIGMA=	30.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	32	25	FOBS=	215.6	SIGMA=	0.9	PHAS=	156.9	FOM=	0.95	TEST=	0
INDE	25	32	27	FOBS=	166.1	SIGMA=	1.2	PHAS=	160.7	FOM=	0.94	TEST=	0
INDE	25	32	29	FOBS=	96.6	SIGMA=	2.0	PHAS=	72.7	FOM=	0.60	TEST=	0
INDE	25	32	31	FOBS=	169.3	SIGMA=	1.1	PHAS=	57.9	FOM=	0.88	TEST=	0
INDE	25	32	33	FOBS=	171.4	SIGMA=	1.1	PHAS=	72.2	FOM=	0.88	TEST=	0
INDE	25	32	35	FOBS=	67.3	SIGMA=	2.5	PHAS=	128.4	FOM=	0.90	TEST=	0

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INDE	25	32	37	FOBS=	0.0	SIGMA=	18.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	32	39	FOBS=	195.2	SIGMA=	0.9	PHAS=	-142.1	FOM=	0.88	TEST=	1
INDE	25	32	41	FOBS=	116.6	SIGMA=	1.4	PHAS=	171.8	FOM=	0.94	TEST=	0
INDE	25	32	43	FOBS=	113.3	SIGMA=	1.4	PHAS=	77.5	FOM=	0.95	TEST=	0
INDE	25	32	45	FOBS=	49.4	SIGMA=	3.3	PHAS=	-117.7	FOM=	0.73	TEST=	0
INDE	25	32	47	FOBS=	102.0	SIGMA=	1.7	PHAS=	-167.2	FOM=	0.96	TEST=	0
INDE	25	32	49	FOBS=	87.8	SIGMA=	1.9	PHAS=	128.9	FOM=	0.92	TEST=	0
INDE	25	32	51	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	32	53	FOBS=	89.2	SIGMA=	2.4	PHAS=	144.6	FOM=	0.89	TEST=	0
INDE	25	32	55	FOBS=	94.3	SIGMA=	2.6	PHAS=	127.0	FOM=	0.93	TEST=	0
INDE	25	32	57	FOBS=	70.6	SIGMA=	3.4	PHAS=	-163.1	FOM=	0.77	TEST=	0
INDE	25	32	59	FOBS=	99.0	SIGMA=	2.8	PHAS=	-115.5	FOM=	0.93	TEST=	0
INDE	25	32	61	FOBS=	18.3	SIGMA=	16.7	PHAS=	6.2	FOM=	0.47	TEST=	0
INDE	25	32	63	FOBS=	0.0	SIGMA=	24.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	32	65	FOBS=	87.4	SIGMA=	4.4	PHAS=	-94.7	FOM=	0.04	TEST=	1
INDE	25	33	26	FOBS=	189.6	SIGMA=	1.1	PHAS=	20.7	FOM=	0.89	TEST=	0
INDE	25	33	28	FOBS=	97.1	SIGMA=	2.0	PHAS=	47.6	FOM=	0.92	TEST=	0
INDE	25	33	30	FOBS=	62.8	SIGMA=	3.0	PHAS=	60.0	FOM=	0.11	TEST=	0
INDE	25	33	32	FOBS=	156.1	SIGMA=	1.1	PHAS=	-46.0	FOM=	0.92	TEST=	0
INDE	25	33	34	FOBS=	203.4	SIGMA=	0.9	PHAS=	-81.3	FOM=	0.93	TEST=	0
INDE	25	33	36	FOBS=	31.3	SIGMA=	5.5	PHAS=	150.3	FOM=	0.46	TEST=	0
INDE	25	33	38	FOBS=	85.4	SIGMA=	2.0	PHAS=	162.3	FOM=	0.90	TEST=	0
INDE	25	33	40	FOBS=	80.7	SIGMA=	2.0	PHAS=	-63.0	FOM=	0.94	TEST=	0
INDE	25	33	42	FOBS=	63.7	SIGMA=	2.5	PHAS=	-167.3	FOM=	0.16	TEST=	1
INDE	25	33	44	FOBS=	63.7	SIGMA=	2.6	PHAS=	-12.3	FOM=	0.86	TEST=	0
INDE	25	33	46	FOBS=	63.0	SIGMA=	2.7	PHAS=	168.0	FOM=	0.57	TEST=	0
INDE	25	33	48	FOBS=	137.4	SIGMA=	1.2	PHAS=	100.7	FOM=	0.94	TEST=	0
INDE	25	33	50	FOBS=	46.3	SIGMA=	4.0	PHAS=	100.0	FOM=	0.75	TEST=	0
INDE	25	33	52	FOBS=	108.3	SIGMA=	2.0	PHAS=	53.6	FOM=	0.88	TEST=	0
INDE	25	33	54	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	33	56	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	33	58	FOBS=	74.9	SIGMA=	3.2	PHAS=	144.7	FOM=	0.92	TEST=	0
INDE	25	33	60	FOBS=	29.1	SIGMA=	9.1	PHAS=	61.4	FOM=	0.65	TEST=	0
INDE	25	33	62	FOBS=	27.1	SIGMA=	11.5	PHAS=	-56.3	FOM=	0.55	TEST=	0
INDE	25	33	64	FOBS=	33.8	SIGMA=	11.3	PHAS=	66.9	FOM=	0.41	TEST=	0
INDE	25	34	25	FOBS=	107.6	SIGMA=	1.7	PHAS=	13.4	FOM=	0.95	TEST=	0
INDE	25	34	27	FOBS=	106.9	SIGMA=	1.9	PHAS=	-99.6	FOM=	0.87	TEST=	1
INDE	25	34	29	FOBS=	188.6	SIGMA=	1.1	PHAS=	5.2	FOM=	0.96	TEST=	0
INDE	25	34	31	FOBS=	197.6	SIGMA=	1.0	PHAS=	169.9	FOM=	0.95	TEST=	0
INDE	25	34	33	FOBS=	188.0	SIGMA=	1.0	PHAS=	134.7	FOM=	0.90	TEST=	0
INDE	25	34	35	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	34	37	FOBS=	111.8	SIGMA=	1.5	PHAS=	-31.0	FOM=	0.82	TEST=	0
INDE	25	34	39	FOBS=	159.9	SIGMA=	1.1	PHAS=	-153.3	FOM=	0.95	TEST=	0
INDE	25	34	41	FOBS=	139.6	SIGMA=	1.2	PHAS=	-159.4	FOM=	0.94	TEST=	0
INDE	25	34	43	FOBS=	10.5	SIGMA=	15.0	PHAS=	-35.8	FOM=	0.49	TEST=	1
INDE	25	34	45	FOBS=	25.0	SIGMA=	7.2	PHAS=	0.0	FOM=	0.29	TEST=	0
INDE	25	34	47	FOBS=	25.9	SIGMA=	8.3	PHAS=	-0.8	FOM=	0.07	TEST=	0
INDE	25	34	49	FOBS=	23.7	SIGMA=	7.6	PHAS=	122.8	FOM=	0.09	TEST=	1
INDE	25	34	51	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	34	53	FOBS=	30.4	SIGMA=	7.8	PHAS=	-120.5	FOM=	0.13	TEST=	1
INDE	25	34	55	FOBS=	52.2	SIGMA=	4.6	PHAS=	106.5	FOM=	0.73	TEST=	0
INDE	25	34	57	FOBS=	27.1	SIGMA=	8.8	PHAS=	20.4	FOM=	0.61	TEST=	0
INDE	25	34	59	FOBS=	81.0	SIGMA=	3.0	PHAS=	163.8	FOM=	0.03	TEST=	1
INDE	25	34	61	FOBS=	56.6	SIGMA=	4.3	PHAS=	-93.2	FOM=	0.76	TEST=	0
INDE	25	34	63	FOBS=	0.0	SIGMA=	24.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	25	34	65	FOBS=	52.1	SIGMA=	6.2	PHAS=	-74.7	FOM=	0.70	TEST=	0
INDE	25	35	26	FOBS=	117.7	SIGMA=	1.6	PHAS=	170.8	FOM=	0.85	TEST=	0
INDE	25	35	28	FOBS=	61.2	SIGMA=	3.1	PHAS=	-102.6	FOM=	0.76	TEST=	0
INDE	25	35	30	FOBS=	97.6	SIGMA=	1.9	PHAS=	-25.8	FOM=	0.85	TEST=	0
INDE	25	35	32	FOBS=	152.6	SIGMA=	1.2	PHAS=	33.4	FOM=	0.95	TEST=	0
INDE	25	35	34	FOBS=	39.0	SIGMA=	4.6	PHAS=	-81.5	FOM=	0.18	TEST=	0
INDE	25	35	36	FOBS=	55.5	SIGMA=	3.0	PHAS=	-69.8	FOM=	0.47	TEST=	0
INDE	25	35	38	FOBS=	83.2	SIGMA=	2.0	PHAS=	147.7	FOM=	0.94	TEST=	0
INDE	25	35	40	FOBS=	41.1	SIGMA=	4.0	PHAS=	-75.9	FOM=	0.89	TEST=	0
INDE	25	35	42	FOBS=	88.0	SIGMA=	1.9	PHAS=	139.4	FOM=	0.85	TEST=	0
INDE	25	35	44	FOBS=	35.8	SIGMA=	4.6	PHAS=	20.1	FOM=	0.52	TEST=	0
INDE	25	35	46	FOBS=	51.3	SIGMA=	3.2	PHAS=	61.5	FOM=	0.69	TEST=	0
INDE	25	35	48	FOBS=	23.7	SIGMA=	8.5	PHAS=	99.5	FOM=	0.45	TEST=	0
INDE	25	35	50	FOBS=	93.4	SIGMA=	2.1	PHAS=	175.5	FOM=	0.89	TEST=	0
INDE	25	35	52	FOBS=	43.0	SIGMA=	4.3	PHAS=	31.9	FOM=	0.69	TEST=	0

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INDE	25	35	54	FOBS=	25.8	SIGMA=	7.8	PHAS=	114.0	FOM=	0.09	TEST=	1
INDE	25	35	56	FOBS=	95.4	SIGMA=	2.6	PHAS=	-106.5	FOM=	0.92	TEST=	0
INDE	25	35	58	FOBS=	37.3	SIGMA=	6.4	PHAS=	-80.2	FOM=	0.55	TEST=	0
INDE	25	35	60	FOBS=	0.0	SIGMA=	24.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	35	62	FOBS=	48.6	SIGMA=	5.0	PHAS=	77.3	FOM=	0.74	TEST=	0
INDE	25	35	64	FOBS=	45.1	SIGMA=	7.3	PHAS=	-178.0	FOM=	0.78	TEST=	0
INDE	25	36	25	FOBS=	422.0	SIGMA=	0.6	PHAS=	7.5	FOM=	0.98	TEST=	0
INDE	25	36	27	FOBS=	142.6	SIGMA=	1.4	PHAS=	72.8	FOM=	0.96	TEST=	0
INDE	25	36	29	FOBS=	87.0	SIGMA=	2.2	PHAS=	30.4	FOM=	0.72	TEST=	0
INDE	25	36	31	FOBS=	64.8	SIGMA=	2.8	PHAS=	-65.4	FOM=	0.87	TEST=	0
INDE	25	36	33	FOBS=	72.5	SIGMA=	2.3	PHAS=	13.7	FOM=	0.79	TEST=	0
INDE	25	36	35	FOBS=	77.3	SIGMA=	2.1	PHAS=	152.1	FOM=	0.36	TEST=	0
INDE	25	36	37	FOBS=	148.9	SIGMA=	1.2	PHAS=	19.6	FOM=	0.93	TEST=	0
INDE	25	36	39	FOBS=	92.3	SIGMA=	1.8	PHAS=	165.7	FOM=	0.92	TEST=	0
INDE	25	36	41	FOBS=	142.3	SIGMA=	1.2	PHAS=	164.8	FOM=	0.91	TEST=	0
INDE	25	36	43	FOBS=	40.5	SIGMA=	4.1	PHAS=	-22.0	FOM=	0.86	TEST=	0
INDE	25	36	45	FOBS=	35.7	SIGMA=	4.6	PHAS=	-35.1	FOM=	0.38	TEST=	0
INDE	25	36	47	FOBS=	80.3	SIGMA=	2.2	PHAS=	4.5	FOM=	0.85	TEST=	0
INDE	25	36	49	FOBS=	112.1	SIGMA=	1.7	PHAS=	70.6	FOM=	0.90	TEST=	0
INDE	25	36	51	FOBS=	64.4	SIGMA=	2.9	PHAS=	82.2	FOM=	0.26	TEST=	1
INDE	25	36	53	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	25	36	55	FOBS=	180.2	SIGMA=	1.4	PHAS=	113.7	FOM=	0.84	TEST=	1
INDE	25	36	57	FOBS=	37.8	SIGMA=	5.4	PHAS=	114.5	FOM=	0.77	TEST=	0
INDE	25	36	59	FOBS=	37.1	SIGMA=	6.5	PHAS=	-176.5	FOM=	0.78	TEST=	0
INDE	25	36	61	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	36	63	FOBS=	0.0	SIGMA=	25.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	37	26	FOBS=	242.1	SIGMA=	0.9	PHAS=	-110.5	FOM=	0.96	TEST=	0
INDE	25	37	28	FOBS=	64.8	SIGMA=	2.8	PHAS=	144.3	FOM=	0.10	TEST=	0
INDE	25	37	30	FOBS=	96.5	SIGMA=	1.9	PHAS=	7.0	FOM=	0.86	TEST=	0
INDE	25	37	32	FOBS=	58.6	SIGMA=	3.1	PHAS=	-74.8	FOM=	0.39	TEST=	0
INDE	25	37	34	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	37	36	FOBS=	34.9	SIGMA=	4.9	PHAS=	-65.1	FOM=	0.83	TEST=	0
INDE	25	37	38	FOBS=	122.2	SIGMA=	1.4	PHAS=	-151.4	FOM=	0.85	TEST=	0
INDE	25	37	40	FOBS=	136.1	SIGMA=	1.3	PHAS=	-8.0	FOM=	0.77	TEST=	0
INDE	25	37	42	FOBS=	97.5	SIGMA=	1.7	PHAS=	148.8	FOM=	0.90	TEST=	0
INDE	25	37	44	FOBS=	90.7	SIGMA=	1.8	PHAS=	161.8	FOM=	0.93	TEST=	0
INDE	25	37	46	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	37	48	FOBS=	60.4	SIGMA=	2.8	PHAS=	-53.1	FOM=	0.41	TEST=	1
INDE	25	37	50	FOBS=	43.8	SIGMA=	4.3	PHAS=	-64.8	FOM=	0.66	TEST=	0
INDE	25	37	52	FOBS=	66.3	SIGMA=	2.9	PHAS=	-50.9	FOM=	0.85	TEST=	0
INDE	25	37	54	FOBS=	79.2	SIGMA=	2.6	PHAS=	109.6	FOM=	0.92	TEST=	0
INDE	25	37	56	FOBS=	46.1	SIGMA=	4.8	PHAS=	-46.2	FOM=	0.73	TEST=	0
INDE	25	37	58	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	37	60	FOBS=	26.8	SIGMA=	7.8	PHAS=	26.6	FOM=	0.32	TEST=	0
INDE	25	37	62	FOBS=	44.9	SIGMA=	7.3	PHAS=	37.5	FOM=	0.44	TEST=	0
INDE	25	38	25	FOBS=	123.4	SIGMA=	1.5	PHAS=	-11.4	FOM=	0.92	TEST=	0
INDE	25	38	27	FOBS=	188.9	SIGMA=	1.1	PHAS=	74.2	FOM=	0.91	TEST=	0
INDE	25	38	29	FOBS=	57.3	SIGMA=	3.2	PHAS=	-127.3	FOM=	0.18	TEST=	0
INDE	25	38	31	FOBS=	84.3	SIGMA=	2.2	PHAS=	-85.6	FOM=	0.75	TEST=	0
INDE	25	38	33	FOBS=	95.5	SIGMA=	1.9	PHAS=	142.9	FOM=	0.63	TEST=	0
INDE	25	38	35	FOBS=	85.8	SIGMA=	1.9	PHAS=	132.6	FOM=	0.93	TEST=	0
INDE	25	38	37	FOBS=	72.5	SIGMA=	2.3	PHAS=	95.8	FOM=	0.86	TEST=	0
INDE	25	38	39	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	38	41	FOBS=	35.0	SIGMA=	5.0	PHAS=	67.4	FOM=	0.51	TEST=	0
INDE	25	38	43	FOBS=	82.9	SIGMA=	2.0	PHAS=	31.0	FOM=	0.91	TEST=	0
INDE	25	38	45	FOBS=	61.5	SIGMA=	2.8	PHAS=	64.3	FOM=	0.83	TEST=	0
INDE	25	38	47	FOBS=	40.0	SIGMA=	4.5	PHAS=	-116.2	FOM=	0.18	TEST=	1
INDE	25	38	49	FOBS=	51.4	SIGMA=	3.3	PHAS=	122.5	FOM=	0.83	TEST=	0
INDE	25	38	51	FOBS=	17.0	SIGMA=	13.1	PHAS=	158.2	FOM=	0.52	TEST=	0
INDE	25	38	53	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	38	55	FOBS=	125.9	SIGMA=	1.7	PHAS=	93.5	FOM=	0.95	TEST=	0
INDE	25	38	57	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	25	38	59	FOBS=	71.9	SIGMA=	3.1	PHAS=	-170.7	FOM=	0.87	TEST=	0
INDE	25	38	61	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	38	63	FOBS=	28.4	SIGMA=	12.1	PHAS=	-127.5	FOM=	0.20	TEST=	0
INDE	25	39	26	FOBS=	119.1	SIGMA=	1.6	PHAS=	-122.9	FOM=	0.90	TEST=	0
INDE	25	39	28	FOBS=	74.7	SIGMA=	2.5	PHAS=	-112.1	FOM=	0.74	TEST=	0
INDE	25	39	30	FOBS=	157.2	SIGMA=	1.2	PHAS=	-128.2	FOM=	0.48	TEST=	1
INDE	25	39	32	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	39	34	FOBS=	37.6	SIGMA=	4.8	PHAS=	178.8	FOM=	0.42	TEST=	0

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INDE	25	39	36	FOBS=	106.1	SIGMA=	1.6	PHAS=	54.3	FOM=	0.87	TEST=	0
INDE	25	39	38	FOBS=	179.3	SIGMA=	1.0	PHAS=	-111.0	FOM=	0.95	TEST=	0
INDE	25	39	40	FOBS=	154.4	SIGMA=	1.1	PHAS=	-66.6	FOM=	0.95	TEST=	0
INDE	25	39	42	FOBS=	63.6	SIGMA=	2.5	PHAS=	-80.1	FOM=	0.84	TEST=	0
INDE	25	39	44	FOBS=	58.0	SIGMA=	3.1	PHAS=	-55.6	FOM=	0.79	TEST=	0
INDE	25	39	46	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	39	48	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	25	39	50	FOBS=	87.7	SIGMA=	2.0	PHAS=	-20.2	FOM=	0.93	TEST=	0
INDE	25	39	52	FOBS=	90.2	SIGMA=	2.4	PHAS=	-49.8	FOM=	0.91	TEST=	0
INDE	25	39	54	FOBS=	46.7	SIGMA=	5.9	PHAS=	43.2	FOM=	0.73	TEST=	0
INDE	25	39	56	FOBS=	19.9	SIGMA=	10.4	PHAS=	-10.5	FOM=	0.36	TEST=	0
INDE	25	39	58	FOBS=	75.5	SIGMA=	2.8	PHAS=	127.3	FOM=	0.92	TEST=	0
INDE	25	39	60	FOBS=	70.5	SIGMA=	3.1	PHAS=	33.5	FOM=	0.83	TEST=	0
INDE	25	39	62	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	40	25	FOBS=	115.5	SIGMA=	1.6	PHAS=	132.5	FOM=	0.93	TEST=	0
INDE	25	40	27	FOBS=	94.0	SIGMA=	2.0	PHAS=	96.0	FOM=	0.95	TEST=	0
INDE	25	40	29	FOBS=	95.7	SIGMA=	1.9	PHAS=	119.6	FOM=	0.80	TEST=	0
INDE	25	40	31	FOBS=	101.9	SIGMA=	1.8	PHAS=	-79.3	FOM=	0.97	TEST=	0
INDE	25	40	33	FOBS=	91.1	SIGMA=	2.0	PHAS=	93.5	FOM=	0.87	TEST=	0
INDE	25	40	35	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	40	37	FOBS=	0.0	SIGMA=	18.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	40	39	FOBS=	90.6	SIGMA=	1.8	PHAS=	-163.5	FOM=	0.87	TEST=	0
INDE	25	40	41	FOBS=	147.5	SIGMA=	1.2	PHAS=	-157.1	FOM=	0.97	TEST=	0
INDE	25	40	43	FOBS=	115.6	SIGMA=	1.6	PHAS=	-142.8	FOM=	0.95	TEST=	0
INDE	25	40	45	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	40	47	FOBS=	65.4	SIGMA=	2.7	PHAS=	112.0	FOM=	0.87	TEST=	0
INDE	25	40	49	FOBS=	35.4	SIGMA=	4.9	PHAS=	-56.3	FOM=	0.39	TEST=	0
INDE	25	40	51	FOBS=	71.4	SIGMA=	2.5	PHAS=	132.5	FOM=	0.76	TEST=	0
INDE	25	40	53	FOBS=	49.4	SIGMA=	4.2	PHAS=	125.1	FOM=	0.86	TEST=	0
INDE	25	40	55	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	40	57	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	40	59	FOBS=	50.2	SIGMA=	4.2	PHAS=	108.7	FOM=	0.76	TEST=	0
INDE	25	40	61	FOBS=	28.6	SIGMA=	10.3	PHAS=	-179.8	FOM=	0.54	TEST=	0
INDE	25	41	26	FOBS=	191.1	SIGMA=	1.0	PHAS=	107.5	FOM=	0.94	TEST=	0
INDE	25	41	28	FOBS=	72.7	SIGMA=	2.5	PHAS=	-61.4	FOM=	0.88	TEST=	0
INDE	25	41	30	FOBS=	94.1	SIGMA=	2.0	PHAS=	-0.1	FOM=	0.81	TEST=	0
INDE	25	41	32	FOBS=	97.4	SIGMA=	1.9	PHAS=	101.5	FOM=	0.82	TEST=	0
INDE	25	41	34	FOBS=	59.1	SIGMA=	3.0	PHAS=	60.6	FOM=	0.33	TEST=	0
INDE	25	41	36	FOBS=	0.0	SIGMA=	18.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	41	38	FOBS=	58.5	SIGMA=	2.8	PHAS=	-145.2	FOM=	0.67	TEST=	0
INDE	25	41	40	FOBS=	47.8	SIGMA=	3.8	PHAS=	69.3	FOM=	0.48	TEST=	0
INDE	25	41	42	FOBS=	176.8	SIGMA=	1.1	PHAS=	115.1	FOM=	0.97	TEST=	0
INDE	25	41	44	FOBS=	31.5	SIGMA=	6.6	PHAS=	-179.5	FOM=	0.35	TEST=	0
INDE	25	41	46	FOBS=	116.4	SIGMA=	1.6	PHAS=	-53.9	FOM=	0.95	TEST=	0
INDE	25	41	48	FOBS=	86.1	SIGMA=	2.1	PHAS=	-63.7	FOM=	0.57	TEST=	0
INDE	25	41	50	FOBS=	144.4	SIGMA=	1.3	PHAS=	-54.8	FOM=	0.96	TEST=	0
INDE	25	41	52	FOBS=	124.0	SIGMA=	1.6	PHAS=	3.6	FOM=	0.94	TEST=	0
INDE	25	41	54	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	41	56	FOBS=	42.5	SIGMA=	5.0	PHAS=	-171.9	FOM=	0.46	TEST=	0
INDE	25	41	58	FOBS=	62.2	SIGMA=	3.5	PHAS=	97.9	FOM=	0.68	TEST=	0
INDE	25	41	60	FOBS=	80.1	SIGMA=	3.3	PHAS=	11.6	FOM=	0.63	TEST=	0
INDE	25	42	25	FOBS=	202.0	SIGMA=	1.0	PHAS=	-18.3	FOM=	0.93	TEST=	0
INDE	25	42	27	FOBS=	123.1	SIGMA=	1.5	PHAS=	-73.7	FOM=	0.91	TEST=	0
INDE	25	42	29	FOBS=	84.6	SIGMA=	2.2	PHAS=	-132.2	FOM=	0.50	TEST=	0
INDE	25	42	31	FOBS=	79.0	SIGMA=	2.3	PHAS=	-130.3	FOM=	0.23	TEST=	0
INDE	25	42	33	FOBS=	36.4	SIGMA=	4.9	PHAS=	-122.8	FOM=	0.29	TEST=	1
INDE	25	42	35	FOBS=	57.5	SIGMA=	3.2	PHAS=	-140.6	FOM=	0.81	TEST=	0
INDE	25	42	37	FOBS=	86.1	SIGMA=	1.9	PHAS=	-122.2	FOM=	0.91	TEST=	0
INDE	25	42	39	FOBS=	44.6	SIGMA=	4.8	PHAS=	-69.0	FOM=	0.28	TEST=	0
INDE	25	42	41	FOBS=	56.7	SIGMA=	3.2	PHAS=	-45.9	FOM=	0.78	TEST=	0
INDE	25	42	43	FOBS=	50.1	SIGMA=	3.5	PHAS=	5.8	FOM=	0.76	TEST=	0
INDE	25	42	45	FOBS=	89.1	SIGMA=	2.0	PHAS=	-104.4	FOM=	0.57	TEST=	0
INDE	25	42	47	FOBS=	163.5	SIGMA=	1.2	PHAS=	167.1	FOM=	0.97	TEST=	0
INDE	25	42	49	FOBS=	75.5	SIGMA=	2.4	PHAS=	-145.9	FOM=	0.34	TEST=	1
INDE	25	42	51	FOBS=	59.9	SIGMA=	3.2	PHAS=	-119.5	FOM=	0.22	TEST=	1
INDE	25	42	53	FOBS=	27.9	SIGMA=	6.8	PHAS=	-19.5	FOM=	0.48	TEST=	0
INDE	25	42	55	FOBS=	51.4	SIGMA=	4.1	PHAS=	157.2	FOM=	0.72	TEST=	0
INDE	25	42	57	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	42	59	FOBS=	29.1	SIGMA=	9.9	PHAS=	158.2	FOM=	0.59	TEST=	0
INDE	25	43	26	FOBS=	84.3	SIGMA=	2.8	PHAS=	126.7	FOM=	0.06	TEST=	1

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INDE	25	43	28	FOBS=	52.9	SIGMA=	3.4	PHAS=	76.5	FOM=	0.14	TEST=	0
INDE	25	43	30	FOBS=	59.1	SIGMA=	3.2	PHAS=	65.1	FOM=	0.83	TEST=	0
INDE	25	43	32	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	43	34	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	43	36	FOBS=	84.4	SIGMA=	2.3	PHAS=	163.5	FOM=	0.91	TEST=	0
INDE	25	43	38	FOBS=	96.7	SIGMA=	1.9	PHAS=	-177.1	FOM=	0.89	TEST=	0
INDE	25	43	40	FOBS=	57.7	SIGMA=	3.1	PHAS=	163.1	FOM=	0.88	TEST=	0
INDE	25	43	42	FOBS=	60.2	SIGMA=	3.0	PHAS=	129.2	FOM=	0.58	TEST=	0
INDE	25	43	44	FOBS=	62.1	SIGMA=	2.9	PHAS=	-107.9	FOM=	0.71	TEST=	0
INDE	25	43	46	FOBS=	43.3	SIGMA=	4.6	PHAS=	-36.0	FOM=	0.26	TEST=	0
INDE	25	43	48	FOBS=	59.6	SIGMA=	3.0	PHAS=	25.9	FOM=	0.83	TEST=	0
INDE	25	43	50	FOBS=	127.1	SIGMA=	1.5	PHAS=	-73.4	FOM=	0.97	TEST=	0
INDE	25	43	52	FOBS=	47.1	SIGMA=	4.0	PHAS=	-93.8	FOM=	0.75	TEST=	0
INDE	25	43	54	FOBS=	36.2	SIGMA=	6.0	PHAS=	-109.1	FOM=	0.15	TEST=	1
INDE	25	43	56	FOBS=	79.4	SIGMA=	2.8	PHAS=	6.8	FOM=	0.93	TEST=	0
INDE	25	43	58	FOBS=	74.9	SIGMA=	3.2	PHAS=	154.8	FOM=	0.69	TEST=	0
INDE	25	44	25	FOBS=	201.4	SIGMA=	1.1	PHAS=	-42.8	FOM=	0.91	TEST=	0
INDE	25	44	27	FOBS=	149.6	SIGMA=	1.4	PHAS=	-133.6	FOM=	0.88	TEST=	0
INDE	25	44	29	FOBS=	84.3	SIGMA=	2.1	PHAS=	-124.2	FOM=	0.88	TEST=	0
INDE	25	44	31	FOBS=	105.6	SIGMA=	1.7	PHAS=	153.9	FOM=	0.90	TEST=	0
INDE	25	44	33	FOBS=	108.2	SIGMA=	1.7	PHAS=	-143.8	FOM=	0.87	TEST=	0
INDE	25	44	35	FOBS=	34.8	SIGMA=	6.7	PHAS=	-152.7	FOM=	0.45	TEST=	0
INDE	25	44	37	FOBS=	48.8	SIGMA=	3.9	PHAS=	-176.4	FOM=	0.74	TEST=	0
INDE	25	44	39	FOBS=	97.2	SIGMA=	1.9	PHAS=	99.4	FOM=	0.91	TEST=	0
INDE	25	44	41	FOBS=	70.2	SIGMA=	2.6	PHAS=	36.6	FOM=	0.72	TEST=	0
INDE	25	44	43	FOBS=	28.9	SIGMA=	6.4	PHAS=	-3.3	FOM=	0.20	TEST=	0
INDE	25	44	45	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	44	47	FOBS=	86.5	SIGMA=	2.1	PHAS=	-160.2	FOM=	0.87	TEST=	0
INDE	25	44	49	FOBS=	123.4	SIGMA=	1.5	PHAS=	-153.7	FOM=	0.94	TEST=	0
INDE	25	44	51	FOBS=	71.3	SIGMA=	2.7	PHAS=	-178.0	FOM=	0.88	TEST=	0
INDE	25	44	53	FOBS=	45.7	SIGMA=	4.4	PHAS=	-163.7	FOM=	0.86	TEST=	0
INDE	25	44	55	FOBS=	42.4	SIGMA=	4.5	PHAS=	36.5	FOM=	0.58	TEST=	0
INDE	25	44	57	FOBS=	102.1	SIGMA=	2.4	PHAS=	-77.3	FOM=	0.87	TEST=	0
INDE	25	44	59	FOBS=	0.0	SIGMA=	26.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	45	26	FOBS=	94.4	SIGMA=	2.0	PHAS=	-64.3	FOM=	0.84	TEST=	0
INDE	25	45	28	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	45	30	FOBS=	106.5	SIGMA=	1.7	PHAS=	127.4	FOM=	0.15	TEST=	1
INDE	25	45	32	FOBS=	109.0	SIGMA=	1.7	PHAS=	18.9	FOM=	0.83	TEST=	0
INDE	25	45	34	FOBS=	147.3	SIGMA=	1.4	PHAS=	104.5	FOM=	0.66	TEST=	0
INDE	25	45	36	FOBS=	95.7	SIGMA=	2.1	PHAS=	134.3	FOM=	0.80	TEST=	0
INDE	25	45	38	FOBS=	48.5	SIGMA=	3.7	PHAS=	149.9	FOM=	0.80	TEST=	0
INDE	25	45	40	FOBS=	98.4	SIGMA=	1.9	PHAS=	127.4	FOM=	0.89	TEST=	0
INDE	25	45	42	FOBS=	25.7	SIGMA=	7.0	PHAS=	-89.9	FOM=	0.58	TEST=	0
INDE	25	45	44	FOBS=	68.2	SIGMA=	2.7	PHAS=	122.1	FOM=	0.37	TEST=	1
INDE	25	45	46	FOBS=	51.4	SIGMA=	3.5	PHAS=	176.3	FOM=	0.62	TEST=	0
INDE	25	45	48	FOBS=	37.6	SIGMA=	4.8	PHAS=	21.4	FOM=	0.43	TEST=	0
INDE	25	45	50	FOBS=	39.8	SIGMA=	4.7	PHAS=	139.9	FOM=	0.29	TEST=	0
INDE	25	45	52	FOBS=	55.9	SIGMA=	3.4	PHAS=	92.2	FOM=	0.87	TEST=	0
INDE	25	45	54	FOBS=	13.7	SIGMA=	17.1	PHAS=	-108.1	FOM=	0.00	TEST=	0
INDE	25	45	56	FOBS=	65.9	SIGMA=	3.0	PHAS=	-53.9	FOM=	0.88	TEST=	0
INDE	25	45	58	FOBS=	67.9	SIGMA=	4.0	PHAS=	167.7	FOM=	0.90	TEST=	0
INDE	25	46	25	FOBS=	81.7	SIGMA=	2.1	PHAS=	-173.0	FOM=	0.28	TEST=	0
INDE	25	46	27	FOBS=	140.1	SIGMA=	1.5	PHAS=	-175.9	FOM=	0.95	TEST=	0
INDE	25	46	29	FOBS=	111.5	SIGMA=	1.6	PHAS=	-153.5	FOM=	0.92	TEST=	0
INDE	25	46	31	FOBS=	81.9	SIGMA=	2.3	PHAS=	-166.6	FOM=	0.81	TEST=	1
INDE	25	46	33	FOBS=	52.2	SIGMA=	3.8	PHAS=	167.7	FOM=	0.48	TEST=	0
INDE	25	46	35	FOBS=	60.4	SIGMA=	3.3	PHAS=	-79.1	FOM=	0.81	TEST=	0
INDE	25	46	37	FOBS=	37.9	SIGMA=	5.6	PHAS=	-175.2	FOM=	0.51	TEST=	0
INDE	25	46	39	FOBS=	204.6	SIGMA=	1.0	PHAS=	87.1	FOM=	0.98	TEST=	0
INDE	25	46	41	FOBS=	62.0	SIGMA=	2.9	PHAS=	75.9	FOM=	0.66	TEST=	1
INDE	25	46	43	FOBS=	75.2	SIGMA=	2.4	PHAS=	-179.4	FOM=	0.76	TEST=	0
INDE	25	46	45	FOBS=	68.8	SIGMA=	2.7	PHAS=	79.3	FOM=	0.68	TEST=	0
INDE	25	46	47	FOBS=	84.8	SIGMA=	2.2	PHAS=	-36.1	FOM=	0.22	TEST=	1
INDE	25	46	49	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	46	51	FOBS=	22.4	SIGMA=	9.1	PHAS=	-19.8	FOM=	0.28	TEST=	0
INDE	25	46	53	FOBS=	30.6	SIGMA=	7.6	PHAS=	-152.0	FOM=	0.53	TEST=	0
INDE	25	46	55	FOBS=	55.6	SIGMA=	3.5	PHAS=	163.1	FOM=	0.86	TEST=	0
INDE	25	46	57	FOBS=	69.3	SIGMA=	3.3	PHAS=	140.4	FOM=	0.89	TEST=	0
INDE	25	47	26	FOBS=	129.3	SIGMA=	1.5	PHAS=	-47.9	FOM=	0.93	TEST=	0
INDE	25	47	28	FOBS=	73.3	SIGMA=	2.7	PHAS=	131.3	FOM=	0.77	TEST=	0

INDE	25	47	30	FOBS=	142.9	SIGMA=	1.5	PHAS=	117.5	FOM=	0.96	TEST=	0
INDE	25	47	32	FOBS=	157.6	SIGMA=	1.4	PHAS=	100.7	FOM=	0.97	TEST=	0
INDE	25	47	34	FOBS=	63.2	SIGMA=	3.2	PHAS=	56.3	FOM=	0.31	TEST=	0
INDE	25	47	36	FOBS=	71.4	SIGMA=	3.1	PHAS=	128.4	FOM=	0.78	TEST=	0
INDE	25	47	38	FOBS=	95.7	SIGMA=	2.1	PHAS=	1.2	FOM=	0.88	TEST=	0
INDE	25	47	40	FOBS=	75.0	SIGMA=	2.4	PHAS=	83.8	FOM=	0.68	TEST=	0
INDE	25	47	42	FOBS=	39.4	SIGMA=	4.5	PHAS=	5.4	FOM=	0.65	TEST=	0
INDE	25	47	44	FOBS=	79.6	SIGMA=	2.3	PHAS=	131.4	FOM=	0.90	TEST=	0
INDE	25	47	46	FOBS=	61.2	SIGMA=	3.2	PHAS=	8.6	FOM=	0.46	TEST=	0
INDE	25	47	48	FOBS=	90.7	SIGMA=	2.0	PHAS=	-65.1	FOM=	0.93	TEST=	0
INDE	25	47	50	FOBS=	17.4	SIGMA=	12.6	PHAS=	-121.0	FOM=	0.30	TEST=	0
INDE	25	47	52	FOBS=	68.5	SIGMA=	2.9	PHAS=	58.8	FOM=	0.84	TEST=	0
INDE	25	47	54	FOBS=	1.2	SIGMA=	190.7	PHAS=	53.7	FOM=	0.01	TEST=	0
INDE	25	47	56	FOBS=	77.9	SIGMA=	3.3	PHAS=	15.6	FOM=	0.87	TEST=	0
INDE	25	48	25	FOBS=	184.1	SIGMA=	1.0	PHAS=	-163.6	FOM=	0.97	TEST=	0
INDE	25	48	27	FOBS=	70.6	SIGMA=	3.2	PHAS=	-134.8	FOM=	0.83	TEST=	0
INDE	25	48	29	FOBS=	5.1	SIGMA=	43.9	PHAS=	107.5	FOM=	0.05	TEST=	0
INDE	25	48	31	FOBS=	122.8	SIGMA=	1.7	PHAS=	3.7	FOM=	0.93	TEST=	0
INDE	25	48	33	FOBS=	106.2	SIGMA=	1.9	PHAS=	41.0	FOM=	0.85	TEST=	0
INDE	25	48	35	FOBS=	38.2	SIGMA=	5.2	PHAS=	80.3	FOM=	0.36	TEST=	0
INDE	25	48	37	FOBS=	115.5	SIGMA=	1.8	PHAS=	-105.8	FOM=	0.92	TEST=	0
INDE	25	48	39	FOBS=	22.4	SIGMA=	8.9	PHAS=	130.4	FOM=	0.17	TEST=	0
INDE	25	48	41	FOBS=	42.4	SIGMA=	4.2	PHAS=	-4.8	FOM=	0.65	TEST=	0
INDE	25	48	43	FOBS=	47.5	SIGMA=	3.8	PHAS=	120.9	FOM=	0.25	TEST=	0
INDE	25	48	45	FOBS=	79.3	SIGMA=	2.3	PHAS=	71.0	FOM=	0.91	TEST=	0
INDE	25	48	47	FOBS=	46.2	SIGMA=	4.2	PHAS=	-71.9	FOM=	0.73	TEST=	0
INDE	25	48	49	FOBS=	107.0	SIGMA=	1.8	PHAS=	174.5	FOM=	0.94	TEST=	0
INDE	25	48	51	FOBS=	52.4	SIGMA=	3.8	PHAS=	-109.5	FOM=	0.87	TEST=	0
INDE	25	48	53	FOBS=	31.6	SIGMA=	6.7	PHAS=	150.0	FOM=	0.42	TEST=	0
INDE	25	48	55	FOBS=	97.4	SIGMA=	2.6	PHAS=	102.5	FOM=	0.06	TEST=	1
INDE	25	49	26	FOBS=	87.3	SIGMA=	2.2	PHAS=	-36.2	FOM=	0.90	TEST=	0
INDE	25	49	28	FOBS=	58.5	SIGMA=	3.9	PHAS=	135.4	FOM=	0.89	TEST=	0
INDE	25	49	30	FOBS=	6.8	SIGMA=	33.5	PHAS=	1.9	FOM=	0.08	TEST=	0
INDE	25	49	32	FOBS=	32.2	SIGMA=	6.6	PHAS=	-125.9	FOM=	0.41	TEST=	0
INDE	25	49	34	FOBS=	14.6	SIGMA=	15.9	PHAS=	-173.0	FOM=	0.14	TEST=	1
INDE	25	49	36	FOBS=	68.5	SIGMA=	2.9	PHAS=	69.1	FOM=	0.83	TEST=	0
INDE	25	49	38	FOBS=	54.6	SIGMA=	3.7	PHAS=	-72.5	FOM=	0.38	TEST=	1
INDE	25	49	40	FOBS=	22.8	SIGMA=	8.6	PHAS=	-99.9	FOM=	0.21	TEST=	0
INDE	25	49	42	FOBS=	68.1	SIGMA=	2.7	PHAS=	-80.5	FOM=	0.83	TEST=	0
INDE	25	49	44	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	49	46	FOBS=	16.7	SIGMA=	11.7	PHAS=	-23.4	FOM=	0.14	TEST=	0
INDE	25	49	48	FOBS=	93.7	SIGMA=	2.0	PHAS=	7.9	FOM=	0.93	TEST=	0
INDE	25	49	50	FOBS=	90.0	SIGMA=	2.2	PHAS=	70.6	FOM=	0.91	TEST=	0
INDE	25	49	52	FOBS=	89.7	SIGMA=	2.6	PHAS=	151.7	FOM=	0.94	TEST=	0
INDE	25	49	54	FOBS=	88.9	SIGMA=	3.2	PHAS=	-47.9	FOM=	0.91	TEST=	0
INDE	25	50	25	FOBS=	124.6	SIGMA=	1.4	PHAS=	-163.1	FOM=	0.97	TEST=	0
INDE	25	50	27	FOBS=	91.9	SIGMA=	2.2	PHAS=	-60.6	FOM=	0.69	TEST=	0
INDE	25	50	29	FOBS=	92.7	SIGMA=	2.5	PHAS=	153.1	FOM=	0.69	TEST=	1
INDE	25	50	31	FOBS=	51.5	SIGMA=	3.8	PHAS=	-125.5	FOM=	0.81	TEST=	0
INDE	25	50	33	FOBS=	85.2	SIGMA=	2.3	PHAS=	91.9	FOM=	0.88	TEST=	0
INDE	25	50	35	FOBS=	74.6	SIGMA=	2.7	PHAS=	52.1	FOM=	0.87	TEST=	0
INDE	25	50	37	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	50	39	FOBS=	81.5	SIGMA=	2.5	PHAS=	-10.3	FOM=	0.48	TEST=	0
INDE	25	50	41	FOBS=	31.9	SIGMA=	6.0	PHAS=	-25.7	FOM=	0.11	TEST=	1
INDE	25	50	43	FOBS=	31.6	SIGMA=	6.0	PHAS=	-156.4	FOM=	0.06	TEST=	1
INDE	25	50	45	FOBS=	84.4	SIGMA=	2.2	PHAS=	64.0	FOM=	0.91	TEST=	0
INDE	25	50	47	FOBS=	104.5	SIGMA=	2.1	PHAS=	-69.0	FOM=	0.94	TEST=	0
INDE	25	50	49	FOBS=	64.5	SIGMA=	3.6	PHAS=	-87.4	FOM=	0.91	TEST=	0
INDE	25	50	51	FOBS=	49.0	SIGMA=	4.8	PHAS=	58.8	FOM=	0.85	TEST=	0
INDE	25	50	53	FOBS=	38.2	SIGMA=	9.6	PHAS=	-148.1	FOM=	0.56	TEST=	0
INDE	25	51	26	FOBS=	34.0	SIGMA=	4.8	PHAS=	89.8	FOM=	0.37	TEST=	1
INDE	25	51	28	FOBS=	64.2	SIGMA=	3.5	PHAS=	62.6	FOM=	0.75	TEST=	0
INDE	25	51	30	FOBS=	87.5	SIGMA=	2.6	PHAS=	68.5	FOM=	0.94	TEST=	0
INDE	25	51	32	FOBS=	47.0	SIGMA=	4.1	PHAS=	-22.2	FOM=	0.71	TEST=	0
INDE	25	51	34	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	51	36	FOBS=	14.7	SIGMA=	15.1	PHAS=	-95.7	FOM=	0.09	TEST=	1
INDE	25	51	38	FOBS=	84.3	SIGMA=	2.4	PHAS=	-100.3	FOM=	0.90	TEST=	0
INDE	25	51	40	FOBS=	91.2	SIGMA=	2.3	PHAS=	-86.0	FOM=	0.73	TEST=	0
INDE	25	51	42	FOBS=	56.9	SIGMA=	3.5	PHAS=	-123.9	FOM=	0.70	TEST=	0
INDE	25	51	44	FOBS=	95.3	SIGMA=	2.3	PHAS=	-151.8	FOM=	0.85	TEST=	0

FIG. 12A - 502

INDE	25	51	46	FOBS=	57.8	SIGMA=	4.0	PHAS=	63.8	FOM=	0.04	TEST=	1
INDE	25	51	48	FOBS=	42.7	SIGMA=	6.5	PHAS=	-154.9	FOM=	0.60	TEST=	0
INDE	25	51	50	FOBS=	48.8	SIGMA=	5.3	PHAS=	5.3	FOM=	0.74	TEST=	0
INDE	25	51	52	FOBS=	0.0	SIGMA=	25.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	52	25	FOBS=	25.7	SIGMA=	6.7	PHAS=	70.3	FOM=	0.40	TEST=	0
INDE	25	52	27	FOBS=	69.4	SIGMA=	2.5	PHAS=	-28.9	FOM=	0.80	TEST=	0
INDE	25	52	29	FOBS=	111.3	SIGMA=	2.1	PHAS=	-18.5	FOM=	0.90	TEST=	0
INDE	25	52	31	FOBS=	54.1	SIGMA=	4.5	PHAS=	-150.1	FOM=	0.78	TEST=	0
INDE	25	52	33	FOBS=	59.4	SIGMA=	3.3	PHAS=	48.8	FOM=	0.24	TEST=	1
INDE	25	52	35	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	25	52	37	FOBS=	83.0	SIGMA=	2.4	PHAS=	-146.6	FOM=	0.85	TEST=	0
INDE	25	52	39	FOBS=	25.8	SIGMA=	10.1	PHAS=	134.1	FOM=	0.53	TEST=	0
INDE	25	52	41	FOBS=	14.7	SIGMA=	18.2	PHAS=	51.2	FOM=	0.17	TEST=	0
INDE	25	52	43	FOBS=	68.7	SIGMA=	3.7	PHAS=	-70.1	FOM=	0.01	TEST=	1
INDE	25	52	45	FOBS=	20.5	SIGMA=	13.4	PHAS=	-39.6	FOM=	0.29	TEST=	0
INDE	25	52	47	FOBS=	55.0	SIGMA=	4.7	PHAS=	-61.8	FOM=	0.74	TEST=	0
INDE	25	52	49	FOBS=	105.6	SIGMA=	2.5	PHAS=	-131.4	FOM=	0.95	TEST=	0
INDE	25	52	51	FOBS=	40.1	SIGMA=	8.3	PHAS=	-105.9	FOM=	0.17	TEST=	0
INDE	25	53	26	FOBS=	17.0	SIGMA=	12.3	PHAS=	12.9	FOM=	0.18	TEST=	0
INDE	25	53	28	FOBS=	70.9	SIGMA=	2.7	PHAS=	-80.7	FOM=	0.90	TEST=	0
INDE	25	53	30	FOBS=	79.2	SIGMA=	2.9	PHAS=	143.3	FOM=	0.47	TEST=	1
INDE	25	53	32	FOBS=	11.8	SIGMA=	21.2	PHAS=	23.0	FOM=	0.06	TEST=	0
INDE	25	53	34	FOBS=	12.5	SIGMA=	20.0	PHAS=	41.6	FOM=	0.07	TEST=	0
INDE	25	53	36	FOBS=	9.8	SIGMA=	21.5	PHAS=	-154.0	FOM=	0.13	TEST=	0
INDE	25	53	38	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	53	40	FOBS=	23.0	SIGMA=	13.3	PHAS=	0.9	FOM=	0.29	TEST=	0
INDE	25	53	42	FOBS=	55.3	SIGMA=	4.5	PHAS=	-163.2	FOM=	0.83	TEST=	0
INDE	25	53	44	FOBS=	27.2	SIGMA=	10.0	PHAS=	-145.4	FOM=	0.82	TEST=	0
INDE	25	53	46	FOBS=	67.0	SIGMA=	3.9	PHAS=	155.7	FOM=	0.81	TEST=	0
INDE	25	53	48	FOBS=	74.1	SIGMA=	3.6	PHAS=	119.7	FOM=	0.91	TEST=	0
INDE	25	53	50	FOBS=	106.4	SIGMA=	3.3	PHAS=	115.4	FOM=	0.94	TEST=	0
INDE	25	54	25	FOBS=	32.2	SIGMA=	6.0	PHAS=	2.1	FOM=	0.25	TEST=	0
INDE	25	54	27	FOBS=	36.4	SIGMA=	4.5	PHAS=	113.1	FOM=	0.54	TEST=	0
INDE	25	54	29	FOBS=	144.7	SIGMA=	1.4	PHAS=	-74.9	FOM=	0.93	TEST=	0
INDE	25	54	31	FOBS=	77.8	SIGMA=	2.9	PHAS=	19.0	FOM=	0.74	TEST=	0
INDE	25	54	33	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	54	35	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	54	37	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	54	39	FOBS=	18.1	SIGMA=	18.7	PHAS=	69.2	FOM=	0.07	TEST=	1
INDE	25	54	41	FOBS=	59.4	SIGMA=	5.2	PHAS=	60.3	FOM=	0.89	TEST=	0
INDE	25	54	43	FOBS=	77.2	SIGMA=	3.3	PHAS=	83.6	FOM=	0.89	TEST=	0
INDE	25	54	45	FOBS=	51.3	SIGMA=	5.1	PHAS=	14.0	FOM=	0.77	TEST=	0
INDE	25	54	47	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	54	49	FOBS=	112.6	SIGMA=	3.2	PHAS=	-11.1	FOM=	0.94	TEST=	0
INDE	25	55	26	FOBS=	119.4	SIGMA=	1.5	PHAS=	40.9	FOM=	0.95	TEST=	0
INDE	25	55	28	FOBS=	36.1	SIGMA=	6.3	PHAS=	141.0	FOM=	0.33	TEST=	0
INDE	25	55	30	FOBS=	100.3	SIGMA=	2.5	PHAS=	-90.4	FOM=	0.93	TEST=	0
INDE	25	55	32	FOBS=	67.7	SIGMA=	4.8	PHAS=	-156.9	FOM=	0.72	TEST=	1
INDE	25	55	34	FOBS=	37.2	SIGMA=	7.7	PHAS=	-47.1	FOM=	0.05	TEST=	1
INDE	25	55	36	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	25	55	38	FOBS=	0.0	SIGMA=	24.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	55	40	FOBS=	0.0	SIGMA=	24.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	55	42	FOBS=	45.1	SIGMA=	6.9	PHAS=	-5.8	FOM=	0.40	TEST=	0
INDE	25	55	44	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	55	46	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	55	48	FOBS=	0.0	SIGMA=	27.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	56	25	FOBS=	165.2	SIGMA=	1.5	PHAS=	-52.8	FOM=	0.97	TEST=	0
INDE	25	56	27	FOBS=	80.6	SIGMA=	2.9	PHAS=	-23.0	FOM=	0.92	TEST=	0
INDE	25	56	29	FOBS=	81.7	SIGMA=	3.3	PHAS=	26.8	FOM=	0.17	TEST=	1
INDE	25	56	31	FOBS=	78.0	SIGMA=	3.5	PHAS=	137.7	FOM=	0.92	TEST=	0
INDE	25	56	33	FOBS=	111.0	SIGMA=	3.0	PHAS=	-159.4	FOM=	0.85	TEST=	0
INDE	25	56	35	FOBS=	61.7	SIGMA=	4.7	PHAS=	115.2	FOM=	0.82	TEST=	0
INDE	25	56	37	FOBS=	61.5	SIGMA=	4.8	PHAS=	-148.1	FOM=	0.74	TEST=	0
INDE	25	56	39	FOBS=	0.0	SIGMA=	24.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	56	41	FOBS=	34.6	SIGMA=	8.9	PHAS=	60.9	FOM=	0.60	TEST=	0
INDE	25	56	43	FOBS=	18.4	SIGMA=	13.9	PHAS=	134.5	FOM=	0.40	TEST=	0
INDE	25	56	45	FOBS=	86.4	SIGMA=	3.5	PHAS=	-45.4	FOM=	0.84	TEST=	0
INDE	25	56	47	FOBS=	42.2	SIGMA=	8.0	PHAS=	-127.3	FOM=	0.64	TEST=	0
INDE	25	57	26	FOBS=	118.0	SIGMA=	2.3	PHAS=	173.5	FOM=	0.95	TEST=	0
INDE	25	57	28	FOBS=	238.5	SIGMA=	1.1	PHAS=	-114.7	FOM=	0.45	TEST=	1

FIG. 12A - 503

INDE	25	57	30	FOBS=	28.1	SIGMA=	9.6	PHAS=	-129.7	FOM=	0.25	TEST=	0
INDE	25	57	32	FOBS=	61.6	SIGMA=	4.4	PHAS=	67.9	FOM=	0.84	TEST=	0
INDE	25	57	34	FOBS=	54.6	SIGMA=	6.1	PHAS=	59.6	FOM=	0.77	TEST=	0
INDE	25	57	36	FOBS=	134.5	SIGMA=	2.3	PHAS=	58.6	FOM=	0.96	TEST=	0
INDE	25	57	38	FOBS=	79.2	SIGMA=	3.8	PHAS=	-17.7	FOM=	0.78	TEST=	0
INDE	25	57	40	FOBS=	0.0	SIGMA=	24.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	57	42	FOBS=	88.1	SIGMA=	3.7	PHAS=	79.3	FOM=	0.80	TEST=	0
INDE	25	57	44	FOBS=	78.5	SIGMA=	3.4	PHAS=	-117.1	FOM=	0.88	TEST=	0
INDE	25	57	46	FOBS=	56.1	SIGMA=	5.9	PHAS=	-124.9	FOM=	0.82	TEST=	0
INDE	25	58	25	FOBS=	1.4	SIGMA=	163.7	PHAS=	-11.3	FOM=	0.01	TEST=	0
INDE	25	58	27	FOBS=	136.2	SIGMA=	1.8	PHAS=	23.0	FOM=	0.95	TEST=	0
INDE	25	58	29	FOBS=	121.9	SIGMA=	2.3	PHAS=	51.2	FOM=	0.95	TEST=	0
INDE	25	58	31	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	58	33	FOBS=	53.8	SIGMA=	5.2	PHAS=	-100.9	FOM=	0.76	TEST=	0
INDE	25	58	35	FOBS=	96.7	SIGMA=	3.1	PHAS=	-0.2	FOM=	0.95	TEST=	0
INDE	25	58	37	FOBS=	66.3	SIGMA=	4.5	PHAS=	-44.8	FOM=	0.79	TEST=	0
INDE	25	58	39	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	58	41	FOBS=	145.7	SIGMA=	2.3	PHAS=	32.6	FOM=	0.96	TEST=	0
INDE	25	58	43	FOBS=	0.0	SIGMA=	25.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	58	45	FOBS=	38.0	SIGMA=	8.7	PHAS=	169.4	FOM=	0.80	TEST=	0
INDE	25	59	26	FOBS=	48.7	SIGMA=	7.1	PHAS=	-123.4	FOM=	0.26	TEST=	0
INDE	25	59	28	FOBS=	36.7	SIGMA=	6.3	PHAS=	5.6	FOM=	0.54	TEST=	0
INDE	25	59	30	FOBS=	33.7	SIGMA=	8.0	PHAS=	-51.6	FOM=	0.50	TEST=	0
INDE	25	59	32	FOBS=	14.0	SIGMA=	19.6	PHAS=	-29.0	FOM=	0.21	TEST=	0
INDE	25	59	34	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	59	36	FOBS=	48.6	SIGMA=	6.1	PHAS=	11.2	FOM=	0.64	TEST=	0
INDE	25	59	38	FOBS=	22.4	SIGMA=	13.4	PHAS=	159.6	FOM=	0.36	TEST=	0
INDE	25	59	40	FOBS=	102.6	SIGMA=	3.6	PHAS=	-82.7	FOM=	0.83	TEST=	0
INDE	25	59	42	FOBS=	0.0	SIGMA=	25.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	59	44	FOBS=	114.2	SIGMA=	6.0	PHAS=	38.8	FOM=	0.91	TEST=	0
INDE	25	60	25	FOBS=	15.3	SIGMA=	24.5	PHAS=	-62.2	FOM=	0.30	TEST=	0
INDE	25	60	27	FOBS=	75.9	SIGMA=	3.1	PHAS=	-66.2	FOM=	0.92	TEST=	0
INDE	25	60	29	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	60	31	FOBS=	0.0	SIGMA=	25.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	60	33	FOBS=	14.8	SIGMA=	19.0	PHAS=	30.0	FOM=	0.30	TEST=	0
INDE	25	60	35	FOBS=	32.0	SIGMA=	9.0	PHAS=	104.7	FOM=	0.14	TEST=	0
INDE	25	60	37	FOBS=	45.4	SIGMA=	6.6	PHAS=	-11.8	FOM=	0.69	TEST=	0
INDE	25	60	39	FOBS=	0.0	SIGMA=	26.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	60	41	FOBS=	42.5	SIGMA=	7.5	PHAS=	35.9	FOM=	0.37	TEST=	0
INDE	25	61	26	FOBS=	104.4	SIGMA=	2.9	PHAS=	136.2	FOM=	0.28	TEST=	1
INDE	25	61	28	FOBS=	98.2	SIGMA=	2.5	PHAS=	163.3	FOM=	0.94	TEST=	0
INDE	25	61	30	FOBS=	76.2	SIGMA=	3.6	PHAS=	-175.7	FOM=	0.79	TEST=	0
INDE	25	61	32	FOBS=	41.6	SIGMA=	6.7	PHAS=	-20.1	FOM=	0.74	TEST=	0
INDE	25	61	34	FOBS=	35.8	SIGMA=	7.9	PHAS=	39.2	FOM=	0.32	TEST=	0
INDE	25	61	36	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	25	61	38	FOBS=	0.0	SIGMA=	24.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	61	40	FOBS=	0.0	SIGMA=	30.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	62	25	FOBS=	31.3	SIGMA=	9.4	PHAS=	-72.6	FOM=	0.60	TEST=	0
INDE	25	62	27	FOBS=	73.4	SIGMA=	3.2	PHAS=	66.6	FOM=	0.77	TEST=	0
INDE	25	62	29	FOBS=	74.8	SIGMA=	3.2	PHAS=	62.3	FOM=	0.86	TEST=	0
INDE	25	62	31	FOBS=	0.0	SIGMA=	24.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	62	33	FOBS=	36.3	SIGMA=	7.8	PHAS=	132.6	FOM=	0.55	TEST=	0
INDE	25	62	35	FOBS=	47.5	SIGMA=	6.1	PHAS=	136.9	FOM=	0.76	TEST=	0
INDE	25	62	37	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	62	39	FOBS=	0.0	SIGMA=	30.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	63	26	FOBS=	77.1	SIGMA=	4.0	PHAS=	-170.0	FOM=	0.63	TEST=	1
INDE	25	63	28	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	63	30	FOBS=	25.4	SIGMA=	9.4	PHAS=	163.2	FOM=	0.15	TEST=	0
INDE	25	63	32	FOBS=	41.8	SIGMA=	6.7	PHAS=	-9.3	FOM=	0.86	TEST=	0
INDE	25	63	34	FOBS=	95.0	SIGMA=	3.1	PHAS=	101.3	FOM=	0.91	TEST=	0
INDE	25	63	36	FOBS=	60.6	SIGMA=	5.0	PHAS=	73.6	FOM=	0.43	TEST=	1
INDE	25	63	38	FOBS=	33.3	SIGMA=	12.6	PHAS=	116.0	FOM=	0.36	TEST=	0
INDE	25	64	25	FOBS=	42.2	SIGMA=	7.0	PHAS=	152.9	FOM=	0.28	TEST=	0
INDE	25	64	27	FOBS=	80.1	SIGMA=	3.9	PHAS=	130.4	FOM=	0.83	TEST=	0
INDE	25	64	29	FOBS=	59.4	SIGMA=	4.5	PHAS=	-55.9	FOM=	0.87	TEST=	0
INDE	25	64	31	FOBS=	26.9	SIGMA=	14.2	PHAS=	-162.2	FOM=	0.56	TEST=	0
INDE	25	64	33	FOBS=	30.4	SIGMA=	13.1	PHAS=	-31.3	FOM=	0.39	TEST=	0
INDE	25	64	35	FOBS=	74.9	SIGMA=	4.7	PHAS=	-35.9	FOM=	0.91	TEST=	0
INDE	25	65	26	FOBS=	37.3	SIGMA=	10.1	PHAS=	34.7	FOM=	0.53	TEST=	0
INDE	25	65	28	FOBS=	30.2	SIGMA=	10.3	PHAS=	176.3	FOM=	0.59	TEST=	0

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INDE	25	65	30	FOBS=	29.6	SIGMA=	9.1	PHAS=	120.7	FOM=	0.15	TEST=	0
INDE	25	65	32	FOBS=	66.1	SIGMA=	5.1	PHAS=	-3.3	FOM=	0.82	TEST=	0
INDE	25	65	34	FOBS=	88.2	SIGMA=	4.0	PHAS=	-175.4	FOM=	0.95	TEST=	0
INDE	25	66	25	FOBS=	0.0	SIGMA=	30.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	66	27	FOBS=	27.3	SIGMA=	14.0	PHAS=	135.6	FOM=	0.41	TEST=	0
INDE	25	66	29	FOBS=	79.0	SIGMA=	5.0	PHAS=	40.0	FOM=	0.90	TEST=	0
INDE	25	66	31	FOBS=	76.6	SIGMA=	4.3	PHAS=	-162.3	FOM=	0.91	TEST=	0
INDE	25	67	26	FOBS=	16.5	SIGMA=	28.5	PHAS=	1.3	FOM=	0.17	TEST=	0
INDE	25	67	28	FOBS=	19.1	SIGMA=	26.7	PHAS=	179.6	FOM=	0.24	TEST=	0
INDE	25	67	30	FOBS=	59.7	SIGMA=	6.5	PHAS=	2.2	FOM=	0.71	TEST=	0
INDE	25	68	25	FOBS=	0.0	SIGMA=	30.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	25	68	27	FOBS=	41.5	SIGMA=	12.1	PHAS=	7.7	FOM=	0.47	TEST=	0
INDE	26	26	26	FOBS=	180.4	SIGMA=	1.7	PHAS=	-118.9	FOM=	0.97	TEST=	0
INDE	26	27	27	FOBS=	133.7	SIGMA=	1.3	PHAS=	88.9	FOM=	0.88	TEST=	0
INDE	26	27	29	FOBS=	50.4	SIGMA=	3.5	PHAS=	106.3	FOM=	0.72	TEST=	0
INDE	26	27	31	FOBS=	15.1	SIGMA=	12.5	PHAS=	-68.6	FOM=	0.28	TEST=	0
INDE	26	27	33	FOBS=	232.8	SIGMA=	0.9	PHAS=	-25.9	FOM=	0.96	TEST=	0
INDE	26	27	35	FOBS=	161.7	SIGMA=	1.1	PHAS=	-60.7	FOM=	0.92	TEST=	0
INDE	26	27	37	FOBS=	196.1	SIGMA=	0.9	PHAS=	-9.5	FOM=	0.93	TEST=	0
INDE	26	27	39	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	27	41	FOBS=	80.4	SIGMA=	2.0	PHAS=	145.1	FOM=	0.84	TEST=	0
INDE	26	27	43	FOBS=	33.7	SIGMA=	4.9	PHAS=	-60.7	FOM=	0.21	TEST=	1
INDE	26	27	45	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	27	47	FOBS=	82.8	SIGMA=	2.1	PHAS=	168.0	FOM=	0.90	TEST=	0
INDE	26	27	49	FOBS=	114.7	SIGMA=	1.5	PHAS=	-83.4	FOM=	0.95	TEST=	0
INDE	26	27	51	FOBS=	77.0	SIGMA=	2.2	PHAS=	-33.8	FOM=	0.80	TEST=	0
INDE	26	27	53	FOBS=	72.9	SIGMA=	2.6	PHAS=	150.6	FOM=	0.80	TEST=	0
INDE	26	27	55	FOBS=	77.2	SIGMA=	2.9	PHAS=	-103.1	FOM=	0.60	TEST=	0
INDE	26	27	57	FOBS=	22.4	SIGMA=	9.0	PHAS=	-39.6	FOM=	0.31	TEST=	0
INDE	26	27	59	FOBS=	64.9	SIGMA=	4.7	PHAS=	-55.2	FOM=	0.84	TEST=	0
INDE	26	27	61	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	27	63	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	27	65	FOBS=	0.0	SIGMA=	27.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	27	67	FOBS=	39.7	SIGMA=	12.8	PHAS=	108.6	FOM=	0.55	TEST=	0
INDE	26	28	26	FOBS=	39.0	SIGMA=	4.8	PHAS=	135.8	FOM=	0.57	TEST=	0
INDE	26	28	28	FOBS=	150.4	SIGMA=	1.2	PHAS=	43.9	FOM=	0.93	TEST=	0
INDE	26	28	30	FOBS=	107.7	SIGMA=	1.8	PHAS=	56.4	FOM=	0.92	TEST=	1
INDE	26	28	32	FOBS=	224.9	SIGMA=	1.0	PHAS=	-96.6	FOM=	0.95	TEST=	0
INDE	26	28	34	FOBS=	303.3	SIGMA=	0.8	PHAS=	-117.8	FOM=	0.99	TEST=	0
INDE	26	28	36	FOBS=	100.2	SIGMA=	1.7	PHAS=	-9.5	FOM=	0.89	TEST=	0
INDE	26	28	38	FOBS=	137.1	SIGMA=	1.3	PHAS=	-169.3	FOM=	0.85	TEST=	0
INDE	26	28	40	FOBS=	67.8	SIGMA=	2.4	PHAS=	137.3	FOM=	0.66	TEST=	0
INDE	26	28	42	FOBS=	123.9	SIGMA=	1.4	PHAS=	-50.3	FOM=	0.72	TEST=	0
INDE	26	28	44	FOBS=	31.2	SIGMA=	5.5	PHAS=	178.0	FOM=	0.17	TEST=	0
INDE	26	28	46	FOBS=	5.0	SIGMA=	38.1	PHAS=	60.8	FOM=	0.02	TEST=	0
INDE	26	28	48	FOBS=	171.2	SIGMA=	1.1	PHAS=	123.8	FOM=	0.96	TEST=	0
INDE	26	28	50	FOBS=	50.4	SIGMA=	3.8	PHAS=	-46.7	FOM=	0.25	TEST=	0
INDE	26	28	52	FOBS=	29.2	SIGMA=	6.4	PHAS=	-162.2	FOM=	0.32	TEST=	0
INDE	26	28	54	FOBS=	34.7	SIGMA=	6.8	PHAS=	71.5	FOM=	0.24	TEST=	0
INDE	26	28	56	FOBS=	32.7	SIGMA=	7.1	PHAS=	131.2	FOM=	0.33	TEST=	0
INDE	26	28	58	FOBS=	115.7	SIGMA=	2.1	PHAS=	156.5	FOM=	0.94	TEST=	0
INDE	26	28	60	FOBS=	0.0	SIGMA=	24.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	28	62	FOBS=	0.0	SIGMA=	27.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	28	64	FOBS=	67.3	SIGMA=	5.7	PHAS=	26.4	FOM=	0.62	TEST=	0
INDE	26	28	66	FOBS=	52.2	SIGMA=	9.7	PHAS=	-66.7	FOM=	0.24	TEST=	1
INDE	26	29	27	FOBS=	209.2	SIGMA=	1.1	PHAS=	36.0	FOM=	0.97	TEST=	0
INDE	26	29	29	FOBS=	281.5	SIGMA=	0.8	PHAS=	-65.7	FOM=	0.95	TEST=	0
INDE	26	29	31	FOBS=	179.4	SIGMA=	1.1	PHAS=	-2.7	FOM=	0.94	TEST=	0
INDE	26	29	33	FOBS=	237.0	SIGMA=	1.0	PHAS=	148.9	FOM=	0.93	TEST=	1
INDE	26	29	35	FOBS=	277.4	SIGMA=	0.8	PHAS=	-119.2	FOM=	0.95	TEST=	0
INDE	26	29	37	FOBS=	78.4	SIGMA=	2.4	PHAS=	-95.7	FOM=	0.79	TEST=	0
INDE	26	29	39	FOBS=	3.9	SIGMA=	42.2	PHAS=	51.9	FOM=	0.01	TEST=	0
INDE	26	29	41	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	26	29	43	FOBS=	40.5	SIGMA=	3.9	PHAS=	64.2	FOM=	0.43	TEST=	0
INDE	26	29	45	FOBS=	48.6	SIGMA=	3.6	PHAS=	-39.9	FOM=	0.60	TEST=	0
INDE	26	29	47	FOBS=	64.1	SIGMA=	2.7	PHAS=	-5.9	FOM=	0.86	TEST=	0
INDE	26	29	49	FOBS=	110.3	SIGMA=	1.6	PHAS=	-36.0	FOM=	0.71	TEST=	1
INDE	26	29	51	FOBS=	50.3	SIGMA=	3.3	PHAS=	-152.4	FOM=	0.57	TEST=	0
INDE	26	29	53	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	29	55	FOBS=	102.1	SIGMA=	2.4	PHAS=	-151.5	FOM=	0.78	TEST=	0

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INDE	26	29	57	FOBS=	74.2	SIGMA=	4.2	PHAS=	90.1	FOM=	0.92	TEST=	0
INDE	26	29	59	FOBS=	93.4	SIGMA=	3.4	PHAS=	35.5	FOM=	0.92	TEST=	0
INDE	26	29	61	FOBS=	2.9	SIGMA=	92.2	PHAS=	-65.9	FOM=	0.04	TEST=	0
INDE	26	29	63	FOBS=	0.0	SIGMA=	27.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	26	29	65	FOBS=	43.0	SIGMA=	11.7	PHAS=	20.6	FOM=	0.62	TEST=	0
INDE	26	29	67	FOBS=	44.7	SIGMA=	11.5	PHAS=	-52.7	FOM=	0.05	TEST=	1
INDE	26	30	26	FOBS=	130.0	SIGMA=	1.5	PHAS=	-125.6	FOM=	0.90	TEST=	0
INDE	26	30	28	FOBS=	140.2	SIGMA=	1.7	PHAS=	-115.1	FOM=	0.95	TEST=	0
INDE	26	30	30	FOBS=	139.5	SIGMA=	1.4	PHAS=	-158.0	FOM=	0.92	TEST=	0
INDE	26	30	32	FOBS=	47.8	SIGMA=	4.0	PHAS=	-22.5	FOM=	0.22	TEST=	0
INDE	26	30	34	FOBS=	138.2	SIGMA=	1.5	PHAS=	139.6	FOM=	0.87	TEST=	0
INDE	26	30	36	FOBS=	9.3	SIGMA=	19.8	PHAS=	179.8	FOM=	0.06	TEST=	0
INDE	26	30	38	FOBS=	165.4	SIGMA=	1.2	PHAS=	-142.6	FOM=	0.56	TEST=	1
INDE	26	30	40	FOBS=	82.1	SIGMA=	2.0	PHAS=	151.6	FOM=	0.93	TEST=	0
INDE	26	30	42	FOBS=	134.5	SIGMA=	1.3	PHAS=	-18.8	FOM=	0.76	TEST=	0
INDE	26	30	44	FOBS=	102.3	SIGMA=	1.6	PHAS=	-111.6	FOM=	0.91	TEST=	0
INDE	26	30	46	FOBS=	97.4	SIGMA=	1.8	PHAS=	-131.0	FOM=	0.89	TEST=	0
INDE	26	30	48	FOBS=	35.9	SIGMA=	4.7	PHAS=	-173.3	FOM=	0.39	TEST=	0
INDE	26	30	50	FOBS=	74.3	SIGMA=	2.3	PHAS=	41.3	FOM=	0.84	TEST=	0
INDE	26	30	52	FOBS=	69.8	SIGMA=	2.4	PHAS=	-164.6	FOM=	0.87	TEST=	0
INDE	26	30	54	FOBS=	75.9	SIGMA=	2.7	PHAS=	104.7	FOM=	0.83	TEST=	0
INDE	26	30	56	FOBS=	46.6	SIGMA=	6.6	PHAS=	153.5	FOM=	0.67	TEST=	0
INDE	26	30	58	FOBS=	26.2	SIGMA=	14.8	PHAS=	6.9	FOM=	0.47	TEST=	0
INDE	26	30	60	FOBS=	59.9	SIGMA=	5.2	PHAS=	-88.6	FOM=	0.79	TEST=	0
INDE	26	30	62	FOBS=	0.0	SIGMA=	24.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	30	64	FOBS=	55.1	SIGMA=	9.3	PHAS=	-72.0	FOM=	0.83	TEST=	0
INDE	26	30	66	FOBS=	20.8	SIGMA=	24.8	PHAS=	-64.9	FOM=	0.57	TEST=	0
INDE	26	31	27	FOBS=	120.5	SIGMA=	1.8	PHAS=	87.5	FOM=	0.95	TEST=	0
INDE	26	31	29	FOBS=	170.0	SIGMA=	1.3	PHAS=	104.0	FOM=	0.95	TEST=	0
INDE	26	31	31	FOBS=	312.7	SIGMA=	0.7	PHAS=	43.4	FOM=	0.97	TEST=	0
INDE	26	31	33	FOBS=	186.0	SIGMA=	1.1	PHAS=	20.3	FOM=	0.91	TEST=	0
INDE	26	31	35	FOBS=	157.2	SIGMA=	1.3	PHAS=	-142.2	FOM=	0.91	TEST=	0
INDE	26	31	37	FOBS=	154.0	SIGMA=	1.3	PHAS=	166.1	FOM=	0.94	TEST=	0
INDE	26	31	39	FOBS=	142.0	SIGMA=	1.3	PHAS=	42.9	FOM=	0.92	TEST=	0
INDE	26	31	41	FOBS=	124.8	SIGMA=	1.5	PHAS=	-54.1	FOM=	0.55	TEST=	1
INDE	26	31	43	FOBS=	48.0	SIGMA=	3.3	PHAS=	-38.8	FOM=	0.65	TEST=	0
INDE	26	31	45	FOBS=	0.0	SIGMA=	18.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	31	47	FOBS=	81.3	SIGMA=	2.1	PHAS=	121.2	FOM=	0.88	TEST=	0
INDE	26	31	49	FOBS=	36.3	SIGMA=	4.6	PHAS=	56.8	FOM=	0.40	TEST=	0
INDE	26	31	51	FOBS=	107.0	SIGMA=	1.6	PHAS=	116.6	FOM=	0.90	TEST=	0
INDE	26	31	53	FOBS=	84.2	SIGMA=	2.2	PHAS=	85.5	FOM=	0.33	TEST=	1
INDE	26	31	55	FOBS=	57.3	SIGMA=	4.1	PHAS=	98.7	FOM=	0.53	TEST=	0
INDE	26	31	57	FOBS=	97.0	SIGMA=	2.9	PHAS=	100.7	FOM=	0.91	TEST=	0
INDE	26	31	59	FOBS=	73.5	SIGMA=	4.3	PHAS=	118.0	FOM=	0.28	TEST=	1
INDE	26	31	61	FOBS=	65.3	SIGMA=	4.8	PHAS=	-84.7	FOM=	0.89	TEST=	0
INDE	26	31	63	FOBS=	33.0	SIGMA=	9.6	PHAS=	172.6	FOM=	0.74	TEST=	0
INDE	26	31	65	FOBS=	100.0	SIGMA=	5.3	PHAS=	-167.1	FOM=	0.90	TEST=	0
INDE	26	32	26	FOBS=	149.0	SIGMA=	1.4	PHAS=	-66.1	FOM=	0.92	TEST=	0
INDE	26	32	28	FOBS=	222.4	SIGMA=	1.0	PHAS=	4.4	FOM=	0.89	TEST=	0
INDE	26	32	30	FOBS=	270.7	SIGMA=	0.9	PHAS=	-1.3	FOM=	0.97	TEST=	0
INDE	26	32	32	FOBS=	79.1	SIGMA=	2.4	PHAS=	-139.0	FOM=	0.77	TEST=	0
INDE	26	32	34	FOBS=	106.3	SIGMA=	1.8	PHAS=	165.6	FOM=	0.89	TEST=	0
INDE	26	32	36	FOBS=	164.0	SIGMA=	1.2	PHAS=	107.0	FOM=	0.71	TEST=	1
INDE	26	32	38	FOBS=	27.6	SIGMA=	7.0	PHAS=	29.9	FOM=	0.30	TEST=	0
INDE	26	32	40	FOBS=	89.8	SIGMA=	2.0	PHAS=	-175.0	FOM=	0.86	TEST=	0
INDE	26	32	42	FOBS=	125.7	SIGMA=	1.5	PHAS=	-160.7	FOM=	0.92	TEST=	0
INDE	26	32	44	FOBS=	113.9	SIGMA=	1.5	PHAS=	-84.0	FOM=	0.92	TEST=	0
INDE	26	32	46	FOBS=	60.0	SIGMA=	2.7	PHAS=	-90.8	FOM=	0.91	TEST=	0
INDE	26	32	48	FOBS=	96.2	SIGMA=	1.8	PHAS=	44.1	FOM=	0.92	TEST=	0
INDE	26	32	50	FOBS=	162.0	SIGMA=	1.1	PHAS=	31.8	FOM=	0.83	TEST=	1
INDE	26	32	52	FOBS=	21.1	SIGMA=	14.7	PHAS=	20.2	FOM=	0.20	TEST=	0
INDE	26	32	54	FOBS=	36.0	SIGMA=	7.5	PHAS=	128.5	FOM=	0.43	TEST=	0
INDE	26	32	56	FOBS=	25.4	SIGMA=	10.5	PHAS=	2.4	FOM=	0.42	TEST=	0
INDE	26	32	58	FOBS=	58.3	SIGMA=	4.1	PHAS=	-14.6	FOM=	0.65	TEST=	0
INDE	26	32	60	FOBS=	78.7	SIGMA=	4.1	PHAS=	152.7	FOM=	0.86	TEST=	0
INDE	26	32	62	FOBS=	40.0	SIGMA=	8.0	PHAS=	92.1	FOM=	0.46	TEST=	0
INDE	26	32	64	FOBS=	0.0	SIGMA=	27.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	33	27	FOBS=	136.4	SIGMA=	1.5	PHAS=	-138.4	FOM=	0.95	TEST=	0
INDE	26	33	29	FOBS=	286.5	SIGMA=	0.8	PHAS=	-81.7	FOM=	0.97	TEST=	0
INDE	26	33	31	FOBS=	265.3	SIGMA=	0.8	PHAS=	6.2	FOM=	0.95	TEST=	0

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INDE	26	33	33	FOBS=	244.7	SIGMA=	0.8	PHAS=	20.2	FOM=	0.97	TEST=	0
INDE	26	33	35	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	33	37	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	33	39	FOBS=	105.2	SIGMA=	1.6	PHAS=	62.4	FOM=	0.87	TEST=	0
INDE	26	33	41	FOBS=	53.4	SIGMA=	3.3	PHAS=	109.7	FOM=	0.70	TEST=	0
INDE	26	33	43	FOBS=	117.7	SIGMA=	1.5	PHAS=	136.9	FOM=	0.63	TEST=	0
INDE	26	33	45	FOBS=	102.4	SIGMA=	1.7	PHAS=	174.0	FOM=	0.93	TEST=	0
INDE	26	33	47	FOBS=	72.0	SIGMA=	2.2	PHAS=	175.5	FOM=	0.72	TEST=	1
INDE	26	33	49	FOBS=	58.3	SIGMA=	2.9	PHAS=	-85.2	FOM=	0.82	TEST=	0
INDE	26	33	51	FOBS=	70.1	SIGMA=	2.5	PHAS=	39.7	FOM=	0.85	TEST=	0
INDE	26	33	53	FOBS=	105.4	SIGMA=	2.1	PHAS=	-27.7	FOM=	0.95	TEST=	0
INDE	26	33	55	FOBS=	97.2	SIGMA=	2.5	PHAS=	25.7	FOM=	0.93	TEST=	0
INDE	26	33	57	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	33	59	FOBS=	64.0	SIGMA=	3.8	PHAS=	111.6	FOM=	0.76	TEST=	0
INDE	26	33	61	FOBS=	0.0	SIGMA=	25.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	33	63	FOBS=	0.0	SIGMA=	25.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	33	65	FOBS=	28.3	SIGMA=	11.5	PHAS=	122.5	FOM=	0.33	TEST=	0
INDE	26	34	26	FOBS=	242.5	SIGMA=	0.9	PHAS=	-11.9	FOM=	0.98	TEST=	0
INDE	26	34	28	FOBS=	181.9	SIGMA=	1.1	PHAS=	135.2	FOM=	0.91	TEST=	0
INDE	26	34	30	FOBS=	197.7	SIGMA=	1.0	PHAS=	-115.3	FOM=	0.94	TEST=	0
INDE	26	34	32	FOBS=	151.3	SIGMA=	1.2	PHAS=	-88.6	FOM=	0.94	TEST=	0
INDE	26	34	34	FOBS=	87.0	SIGMA=	1.9	PHAS=	-109.6	FOM=	0.79	TEST=	0
INDE	26	34	36	FOBS=	51.5	SIGMA=	3.3	PHAS=	26.5	FOM=	0.13	TEST=	0
INDE	26	34	38	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	34	40	FOBS=	56.5	SIGMA=	2.9	PHAS=	-176.8	FOM=	0.36	TEST=	1
INDE	26	34	42	FOBS=	83.3	SIGMA=	2.0	PHAS=	106.7	FOM=	0.80	TEST=	0
INDE	26	34	44	FOBS=	63.5	SIGMA=	2.5	PHAS=	13.2	FOM=	0.76	TEST=	0
INDE	26	34	46	FOBS=	69.0	SIGMA=	2.5	PHAS=	71.5	FOM=	0.88	TEST=	0
INDE	26	34	48	FOBS=	85.4	SIGMA=	2.0	PHAS=	68.4	FOM=	0.94	TEST=	0
INDE	26	34	50	FOBS=	45.6	SIGMA=	4.1	PHAS=	41.9	FOM=	0.69	TEST=	0
INDE	26	34	52	FOBS=	126.6	SIGMA=	1.8	PHAS=	-98.1	FOM=	0.91	TEST=	0
INDE	26	34	54	FOBS=	82.6	SIGMA=	3.0	PHAS=	-96.8	FOM=	0.93	TEST=	0
INDE	26	34	56	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	34	58	FOBS=	72.7	SIGMA=	3.4	PHAS=	-57.0	FOM=	0.11	TEST=	1
INDE	26	34	60	FOBS=	32.4	SIGMA=	7.4	PHAS=	75.0	FOM=	0.45	TEST=	0
INDE	26	34	62	FOBS=	0.0	SIGMA=	24.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	34	64	FOBS=	0.0	SIGMA=	27.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	35	27	FOBS=	192.9	SIGMA=	1.1	PHAS=	-108.7	FOM=	0.87	TEST=	0
INDE	26	35	29	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	35	31	FOBS=	95.0	SIGMA=	1.9	PHAS=	179.4	FOM=	0.91	TEST=	0
INDE	26	35	33	FOBS=	102.5	SIGMA=	1.6	PHAS=	158.4	FOM=	0.31	TEST=	1
INDE	26	35	35	FOBS=	85.6	SIGMA=	2.0	PHAS=	93.4	FOM=	0.77	TEST=	0
INDE	26	35	37	FOBS=	61.4	SIGMA=	2.8	PHAS=	-42.8	FOM=	0.62	TEST=	0
INDE	26	35	39	FOBS=	88.2	SIGMA=	1.9	PHAS=	56.6	FOM=	0.91	TEST=	0
INDE	26	35	41	FOBS=	165.5	SIGMA=	1.1	PHAS=	100.8	FOM=	0.71	TEST=	1
INDE	26	35	43	FOBS=	0.0	SIGMA=	18.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	26	35	45	FOBS=	21.0	SIGMA=	8.6	PHAS=	-17.7	FOM=	0.24	TEST=	0
INDE	26	35	47	FOBS=	60.7	SIGMA=	2.6	PHAS=	-2.9	FOM=	0.80	TEST=	0
INDE	26	35	49	FOBS=	91.9	SIGMA=	1.8	PHAS=	-35.0	FOM=	0.87	TEST=	0
INDE	26	35	51	FOBS=	109.1	SIGMA=	2.1	PHAS=	85.1	FOM=	0.94	TEST=	0
INDE	26	35	53	FOBS=	41.3	SIGMA=	5.9	PHAS=	-84.7	FOM=	0.60	TEST=	0
INDE	26	35	55	FOBS=	126.0	SIGMA=	2.0	PHAS=	-0.5	FOM=	0.93	TEST=	0
INDE	26	35	57	FOBS=	60.2	SIGMA=	4.1	PHAS=	44.4	FOM=	0.08	TEST=	1
INDE	26	35	59	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	35	61	FOBS=	35.9	SIGMA=	7.6	PHAS=	137.1	FOM=	0.05	TEST=	1
INDE	26	35	63	FOBS=	42.1	SIGMA=	7.8	PHAS=	-23.6	FOM=	0.59	TEST=	0
INDE	26	36	26	FOBS=	184.6	SIGMA=	1.0	PHAS=	129.1	FOM=	0.97	TEST=	0
INDE	26	36	28	FOBS=	211.9	SIGMA=	1.0	PHAS=	80.8	FOM=	0.94	TEST=	0
INDE	26	36	30	FOBS=	88.7	SIGMA=	2.1	PHAS=	59.4	FOM=	0.91	TEST=	0
INDE	26	36	32	FOBS=	68.4	SIGMA=	2.6	PHAS=	-179.5	FOM=	0.68	TEST=	0
INDE	26	36	34	FOBS=	119.4	SIGMA=	1.4	PHAS=	-45.3	FOM=	0.90	TEST=	0
INDE	26	36	36	FOBS=	110.2	SIGMA=	1.5	PHAS=	-25.5	FOM=	0.87	TEST=	0
INDE	26	36	38	FOBS=	102.7	SIGMA=	1.6	PHAS=	-94.0	FOM=	0.82	TEST=	0
INDE	26	36	40	FOBS=	32.5	SIGMA=	5.2	PHAS=	-171.6	FOM=	0.77	TEST=	0
INDE	26	36	42	FOBS=	158.0	SIGMA=	1.1	PHAS=	41.9	FOM=	0.95	TEST=	0
INDE	26	36	44	FOBS=	79.2	SIGMA=	2.0	PHAS=	33.4	FOM=	0.89	TEST=	0
INDE	26	36	46	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	36	48	FOBS=	104.8	SIGMA=	1.5	PHAS=	-113.3	FOM=	0.79	TEST=	0
INDE	26	36	50	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	36	52	FOBS=	19.5	SIGMA=	9.6	PHAS=	-90.0	FOM=	0.30	TEST=	0

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INDE	26	36	54	FOBS=	161.9	SIGMA=	1.6	PHAS=	-124.0	FOM=	0.55	TEST=	1
INDE	26	36	56	FOBS=	107.5	SIGMA=	2.3	PHAS=	148.3	FOM=	0.88	TEST=	0
INDE	26	36	58	FOBS=	52.9	SIGMA=	4.7	PHAS=	-151.7	FOM=	0.84	TEST=	0
INDE	26	36	60	FOBS=	26.2	SIGMA=	10.6	PHAS=	-1.9	FOM=	0.41	TEST=	0
INDE	26	36	62	FOBS=	25.1	SIGMA=	13.1	PHAS=	-21.4	FOM=	0.49	TEST=	0
INDE	26	37	27	FOBS=	142.3	SIGMA=	1.4	PHAS=	-42.4	FOM=	0.92	TEST=	0
INDE	26	37	29	FOBS=	206.3	SIGMA=	1.0	PHAS=	9.9	FOM=	0.96	TEST=	0
INDE	26	37	31	FOBS=	82.2	SIGMA=	2.2	PHAS=	-35.1	FOM=	0.86	TEST=	0
INDE	26	37	33	FOBS=	31.6	SIGMA=	6.0	PHAS=	163.9	FOM=	0.46	TEST=	1
INDE	26	37	35	FOBS=	51.7	SIGMA=	3.2	PHAS=	-95.9	FOM=	0.80	TEST=	0
INDE	26	37	37	FOBS=	133.5	SIGMA=	1.3	PHAS=	-43.6	FOM=	0.87	TEST=	0
INDE	26	37	39	FOBS=	163.1	SIGMA=	1.1	PHAS=	105.8	FOM=	0.93	TEST=	0
INDE	26	37	41	FOBS=	47.0	SIGMA=	3.5	PHAS=	-115.6	FOM=	0.37	TEST=	0
INDE	26	37	43	FOBS=	78.0	SIGMA=	2.1	PHAS=	-75.8	FOM=	0.82	TEST=	0
INDE	26	37	45	FOBS=	58.8	SIGMA=	2.7	PHAS=	42.1	FOM=	0.18	TEST=	1
INDE	26	37	47	FOBS=	0.0	SIGMA=	17.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	37	49	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	37	51	FOBS=	17.9	SIGMA=	13.2	PHAS=	160.6	FOM=	0.06	TEST=	0
INDE	26	37	53	FOBS=	109.5	SIGMA=	2.0	PHAS=	-178.7	FOM=	0.89	TEST=	0
INDE	26	37	55	FOBS=	144.8	SIGMA=	1.5	PHAS=	25.0	FOM=	0.97	TEST=	0
INDE	26	37	57	FOBS=	51.9	SIGMA=	4.8	PHAS=	61.5	FOM=	0.82	TEST=	0
INDE	26	37	59	FOBS=	52.4	SIGMA=	5.4	PHAS=	129.0	FOM=	0.66	TEST=	0
INDE	26	37	61	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	37	63	FOBS=	0.0	SIGMA=	29.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	38	26	FOBS=	175.4	SIGMA=	1.0	PHAS=	171.9	FOM=	0.97	TEST=	0
INDE	26	38	28	FOBS=	156.4	SIGMA=	1.2	PHAS=	-41.1	FOM=	0.90	TEST=	0
INDE	26	38	30	FOBS=	203.1	SIGMA=	1.0	PHAS=	-62.7	FOM=	0.93	TEST=	0
INDE	26	38	32	FOBS=	60.8	SIGMA=	3.0	PHAS=	159.3	FOM=	0.51	TEST=	0
INDE	26	38	34	FOBS=	78.7	SIGMA=	2.1	PHAS=	-170.3	FOM=	0.96	TEST=	0
INDE	26	38	36	FOBS=	61.7	SIGMA=	2.7	PHAS=	122.3	FOM=	0.69	TEST=	0
INDE	26	38	38	FOBS=	51.8	SIGMA=	3.2	PHAS=	143.8	FOM=	0.82	TEST=	0
INDE	26	38	40	FOBS=	80.7	SIGMA=	2.1	PHAS=	-177.1	FOM=	0.86	TEST=	0
INDE	26	38	42	FOBS=	95.3	SIGMA=	1.7	PHAS=	114.7	FOM=	0.90	TEST=	0
INDE	26	38	44	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	38	46	FOBS=	62.5	SIGMA=	2.7	PHAS=	-32.1	FOM=	0.92	TEST=	0
INDE	26	38	48	FOBS=	49.4	SIGMA=	3.5	PHAS=	170.3	FOM=	0.85	TEST=	0
INDE	26	38	50	FOBS=	46.2	SIGMA=	3.7	PHAS=	155.2	FOM=	0.69	TEST=	0
INDE	26	38	52	FOBS=	56.9	SIGMA=	3.4	PHAS=	162.2	FOM=	0.60	TEST=	0
INDE	26	38	54	FOBS=	60.1	SIGMA=	3.5	PHAS=	-81.7	FOM=	0.91	TEST=	0
INDE	26	38	56	FOBS=	17.5	SIGMA=	11.8	PHAS=	-27.6	FOM=	0.53	TEST=	0
INDE	26	38	58	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	38	60	FOBS=	14.5	SIGMA=	17.4	PHAS=	42.1	FOM=	0.23	TEST=	0
INDE	26	38	62	FOBS=	39.8	SIGMA=	8.4	PHAS=	-57.0	FOM=	0.20	TEST=	0
INDE	26	39	27	FOBS=	119.0	SIGMA=	1.6	PHAS=	-39.8	FOM=	0.91	TEST=	0
INDE	26	39	29	FOBS=	170.8	SIGMA=	1.2	PHAS=	-175.6	FOM=	0.92	TEST=	0
INDE	26	39	31	FOBS=	176.5	SIGMA=	1.1	PHAS=	-156.9	FOM=	0.96	TEST=	0
INDE	26	39	33	FOBS=	40.6	SIGMA=	4.6	PHAS=	6.5	FOM=	0.45	TEST=	0
INDE	26	39	35	FOBS=	169.8	SIGMA=	1.0	PHAS=	104.4	FOM=	0.96	TEST=	0
INDE	26	39	37	FOBS=	141.4	SIGMA=	1.2	PHAS=	-6.6	FOM=	0.92	TEST=	0
INDE	26	39	39	FOBS=	143.7	SIGMA=	1.2	PHAS=	99.5	FOM=	0.96	TEST=	0
INDE	26	39	41	FOBS=	44.7	SIGMA=	3.7	PHAS=	156.4	FOM=	0.23	TEST=	0
INDE	26	39	43	FOBS=	41.1	SIGMA=	4.3	PHAS=	105.6	FOM=	0.45	TEST=	0
INDE	26	39	45	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	26	39	47	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	26	39	49	FOBS=	101.2	SIGMA=	1.7	PHAS=	75.1	FOM=	0.91	TEST=	0
INDE	26	39	51	FOBS=	92.0	SIGMA=	1.9	PHAS=	17.0	FOM=	0.45	TEST=	1
INDE	26	39	53	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	39	55	FOBS=	68.2	SIGMA=	3.1	PHAS=	10.7	FOM=	0.81	TEST=	0
INDE	26	39	57	FOBS=	14.0	SIGMA=	17.4	PHAS=	-118.2	FOM=	0.15	TEST=	0
INDE	26	39	59	FOBS=	109.0	SIGMA=	2.0	PHAS=	68.8	FOM=	0.93	TEST=	0
INDE	26	39	61	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	26	40	26	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	26	40	28	FOBS=	57.5	SIGMA=	3.2	PHAS=	-41.9	FOM=	0.65	TEST=	0
INDE	26	40	30	FOBS=	99.7	SIGMA=	1.9	PHAS=	31.9	FOM=	0.76	TEST=	0
INDE	26	40	32	FOBS=	83.2	SIGMA=	2.2	PHAS=	123.8	FOM=	0.90	TEST=	0
INDE	26	40	34	FOBS=	38.3	SIGMA=	4.9	PHAS=	53.5	FOM=	0.65	TEST=	0
INDE	26	40	36	FOBS=	57.7	SIGMA=	2.9	PHAS=	18.9	FOM=	0.54	TEST=	0
INDE	26	40	38	FOBS=	56.4	SIGMA=	2.9	PHAS=	-135.9	FOM=	0.67	TEST=	0
INDE	26	40	40	FOBS=	42.4	SIGMA=	4.0	PHAS=	-68.8	FOM=	0.69	TEST=	0
INDE	26	40	42	FOBS=	53.7	SIGMA=	3.0	PHAS=	97.4	FOM=	0.45	TEST=	0

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INDE 26 40 44 FOBS= 79.9 SIGMA= 2.3 PHAS= 103.3 FOM= 0.81 TEST= 0
INDE 26 40 46 FOBS= 42.4 SIGMA= 4.1 PHAS= -130.0 FOM= 0.30 TEST= 0
INDE 26 40 48 FOBS= 52.7 SIGMA= 3.3 PHAS= 36.3 FOM= 0.85 TEST= 0
INDE 26 40 50 FOBS= 150.8 SIGMA= 1.2 PHAS= -106.4 FOM= 0.94 TEST= 0
INDE 26 40 52 FOBS= 107.7 SIGMA= 1.8 PHAS= -126.2 FOM= 0.95 TEST= 0
INDE 26 40 54 FOBS= 0.0 SIGMA= 21.3 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 26 40 56 FOBS= 0.0 SIGMA= 21.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 26 40 58 FOBS= 64.7 SIGMA= 3.3 PHAS= -12.4 FOM= 0.82 TEST= 0
INDE 26 40 60 FOBS= 109.1 SIGMA= 2.5 PHAS= 3.7 FOM= 0.96 TEST= 0
INDE 26 41 27 FOBS= 79.6 SIGMA= 2.2 PHAS= 79.6 FOM= 0.84 TEST= 0
INDE 26 41 29 FOBS= 109.6 SIGMA= 1.7 PHAS= -155.5 FOM= 0.87 TEST= 0
INDE 26 41 31 FOBS= 53.2 SIGMA= 3.4 PHAS= -111.3 FOM= 0.87 TEST= 0
INDE 26 41 33 FOBS= 149.8 SIGMA= 1.3 PHAS= 18.6 FOM= 0.95 TEST= 0
INDE 26 41 35 FOBS= 129.5 SIGMA= 1.4 PHAS= 10.5 FOM= 0.77 TEST= 0
INDE 26 41 37 FOBS= 73.3 SIGMA= 2.3 PHAS= -159.6 FOM= 0.72 TEST= 0
INDE 26 41 39 FOBS= 99.7 SIGMA= 1.7 PHAS= 144.0 FOM= 0.94 TEST= 0
INDE 26 41 41 FOBS= 110.3 SIGMA= 1.5 PHAS= 162.2 FOM= 0.92 TEST= 0
INDE 26 41 43 FOBS= 147.3 SIGMA= 1.3 PHAS= 131.5 FOM= 0.18 TEST= 1
INDE 26 41 45 FOBS= 77.0 SIGMA= 2.3 PHAS= -49.9 FOM= 0.51 TEST= 0
INDE 26 41 47 FOBS= 62.6 SIGMA= 2.9 PHAS= 170.8 FOM= 0.32 TEST= 0
INDE 26 41 49 FOBS= 40.3 SIGMA= 4.6 PHAS= -9.3 FOM= 0.37 TEST= 0
INDE 26 41 51 FOBS= 46.9 SIGMA= 3.7 PHAS= 166.4 FOM= 0.81 TEST= 0
INDE 26 41 53 FOBS= 19.1 SIGMA= 11.2 PHAS= -66.5 FOM= 0.07 TEST= 1
INDE 26 41 55 FOBS= 36.3 SIGMA= 6.3 PHAS= -57.5 FOM= 0.55 TEST= 0
INDE 26 41 57 FOBS= 38.3 SIGMA= 5.6 PHAS= -42.2 FOM= 0.49 TEST= 0
INDE 26 41 59 FOBS= 8.3 SIGMA= 30.8 PHAS= -36.1 FOM= 0.24 TEST= 0
INDE 26 42 26 FOBS= 142.7 SIGMA= 1.2 PHAS= -54.5 FOM= 0.84 TEST= 0
INDE 26 42 28 FOBS= 99.1 SIGMA= 1.8 PHAS= 82.9 FOM= 0.28 TEST= 0
INDE 26 42 30 FOBS= 93.5 SIGMA= 1.9 PHAS= -177.7 FOM= 0.61 TEST= 0
INDE 26 42 32 FOBS= 0.0 SIGMA= 19.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 26 42 34 FOBS= 112.0 SIGMA= 1.7 PHAS= -39.5 FOM= 0.92 TEST= 0
INDE 26 42 36 FOBS= 58.3 SIGMA= 2.9 PHAS= 23.3 FOM= 0.58 TEST= 0
INDE 26 42 38 FOBS= 138.1 SIGMA= 1.3 PHAS= 120.6 FOM= 0.92 TEST= 0
INDE 26 42 40 FOBS= 105.0 SIGMA= 1.6 PHAS= 38.2 FOM= 0.91 TEST= 0
INDE 26 42 42 FOBS= 90.2 SIGMA= 2.0 PHAS= 51.0 FOM= 0.87 TEST= 0
INDE 26 42 44 FOBS= 66.9 SIGMA= 2.7 PHAS= 114.7 FOM= 0.82 TEST= 0
INDE 26 42 46 FOBS= 130.7 SIGMA= 1.4 PHAS= -144.8 FOM= 0.94 TEST= 0
INDE 26 42 48 FOBS= 39.8 SIGMA= 4.7 PHAS= 84.5 FOM= 0.45 TEST= 0
INDE 26 42 50 FOBS= 129.5 SIGMA= 1.4 PHAS= -173.7 FOM= 0.95 TEST= 0
INDE 26 42 52 FOBS= 95.6 SIGMA= 2.1 PHAS= -158.7 FOM= 0.91 TEST= 0
INDE 26 42 54 FOBS= 73.3 SIGMA= 2.6 PHAS= -154.4 FOM= 0.91 TEST= 0
INDE 26 42 56 FOBS= 0.0 SIGMA= 21.3 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 26 42 58 FOBS= 0.0 SIGMA= 20.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 26 42 60 FOBS= 45.7 SIGMA= 7.6 PHAS= 61.4 FOM= 0.67 TEST= 0
INDE 26 43 27 FOBS= 141.7 SIGMA= 1.3 PHAS= 141.3 FOM= 0.74 TEST= 0
INDE 26 43 29 FOBS= 24.9 SIGMA= 7.5 PHAS= 72.7 FOM= 0.17 TEST= 0
INDE 26 43 31 FOBS= 146.0 SIGMA= 1.3 PHAS= 29.1 FOM= 0.95 TEST= 0
INDE 26 43 33 FOBS= 70.1 SIGMA= 2.6 PHAS= 83.5 FOM= 0.19 TEST= 0
INDE 26 43 35 FOBS= 68.0 SIGMA= 2.6 PHAS= -148.7 FOM= 0.91 TEST= 1
INDE 26 43 37 FOBS= 42.2 SIGMA= 3.9 PHAS= 105.0 FOM= 0.61 TEST= 0
INDE 26 43 39 FOBS= 84.2 SIGMA= 2.1 PHAS= 8.7 FOM= 0.91 TEST= 1
INDE 26 43 41 FOBS= 23.9 SIGMA= 8.4 PHAS= -65.5 FOM= 0.29 TEST= 0
INDE 26 43 43 FOBS= 0.0 SIGMA= 19.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 26 43 45 FOBS= 60.4 SIGMA= 3.0 PHAS= -173.7 FOM= 0.72 TEST= 0
INDE 26 43 47 FOBS= 135.7 SIGMA= 1.4 PHAS= 114.5 FOM= 0.95 TEST= 0
INDE 26 43 49 FOBS= 89.5 SIGMA= 2.0 PHAS= 51.8 FOM= 0.87 TEST= 0
INDE 26 43 51 FOBS= 49.6 SIGMA= 3.9 PHAS= -178.2 FOM= 0.69 TEST= 0
INDE 26 43 53 FOBS= 42.8 SIGMA= 4.5 PHAS= 117.6 FOM= 0.82 TEST= 0
INDE 26 43 55 FOBS= 84.0 SIGMA= 2.3 PHAS= 80.9 FOM= 0.93 TEST= 0
INDE 26 43 57 FOBS= 0.0 SIGMA= 21.6 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 26 43 59 FOBS= 65.8 SIGMA= 4.1 PHAS= -27.3 FOM= 0.66 TEST= 0
INDE 26 44 26 FOBS= 25.3 SIGMA= 6.7 PHAS= -18.3 FOM= 0.24 TEST= 0
INDE 26 44 28 FOBS= 0.0 SIGMA= 19.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 26 44 30 FOBS= 101.4 SIGMA= 1.8 PHAS= -100.1 FOM= 0.90 TEST= 0
INDE 26 44 32 FOBS= 96.8 SIGMA= 1.9 PHAS= -81.1 FOM= 0.72 TEST= 0
INDE 26 44 34 FOBS= 87.4 SIGMA= 2.1 PHAS= -18.8 FOM= 0.82 TEST= 0
INDE 26 44 36 FOBS= 110.2 SIGMA= 1.7 PHAS= -22.2 FOM= 0.93 TEST= 0
INDE 26 44 38 FOBS= 0.0 SIGMA= 20.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 26 44 40 FOBS= 42.1 SIGMA= 4.3 PHAS= -17.8 FOM= 0.77 TEST= 0
INDE 26 44 42 FOBS= 0.0 SIGMA= 19.4 PHAS= 0.0 FOM= 0.00 TEST= 0

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INDE	26	44	44	FOBS=	74.6	SIGMA=	2.4	PHAS=	118.4	FOM=	0.85	TEST=	0
INDE	26	44	46	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	44	48	FOBS=	40.9	SIGMA=	4.4	PHAS=	-53.6	FOM=	0.67	TEST=	0
INDE	26	44	50	FOBS=	86.8	SIGMA=	2.1	PHAS=	-173.4	FOM=	0.90	TEST=	0
INDE	26	44	52	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	44	54	FOBS=	53.4	SIGMA=	3.6	PHAS=	117.4	FOM=	0.71	TEST=	0
INDE	26	44	56	FOBS=	22.1	SIGMA=	9.4	PHAS=	-45.3	FOM=	0.62	TEST=	0
INDE	26	44	58	FOBS=	65.8	SIGMA=	4.1	PHAS=	126.2	FOM=	0.89	TEST=	0
INDE	26	45	27	FOBS=	49.1	SIGMA=	3.5	PHAS=	58.2	FOM=	0.20	TEST=	0
INDE	26	45	29	FOBS=	140.7	SIGMA=	1.3	PHAS=	150.5	FOM=	0.94	TEST=	0
INDE	26	45	31	FOBS=	170.6	SIGMA=	1.1	PHAS=	92.2	FOM=	0.97	TEST=	0
INDE	26	45	33	FOBS=	86.0	SIGMA=	2.1	PHAS=	-171.7	FOM=	0.59	TEST=	0
INDE	26	45	35	FOBS=	112.3	SIGMA=	1.6	PHAS=	-165.1	FOM=	0.90	TEST=	0
INDE	26	45	37	FOBS=	76.3	SIGMA=	2.7	PHAS=	-139.5	FOM=	0.87	TEST=	0
INDE	26	45	39	FOBS=	114.7	SIGMA=	1.6	PHAS=	-37.0	FOM=	0.89	TEST=	0
INDE	26	45	41	FOBS=	44.9	SIGMA=	4.6	PHAS=	62.4	FOM=	0.67	TEST=	0
INDE	26	45	43	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	45	45	FOBS=	61.8	SIGMA=	2.9	PHAS=	73.3	FOM=	0.78	TEST=	0
INDE	26	45	47	FOBS=	102.0	SIGMA=	1.8	PHAS=	93.2	FOM=	0.88	TEST=	0
INDE	26	45	49	FOBS=	12.0	SIGMA=	15.0	PHAS=	-33.7	FOM=	0.10	TEST=	0
INDE	26	45	51	FOBS=	55.3	SIGMA=	3.5	PHAS=	91.7	FOM=	0.89	TEST=	0
INDE	26	45	53	FOBS=	86.3	SIGMA=	2.3	PHAS=	46.9	FOM=	0.92	TEST=	0
INDE	26	45	55	FOBS=	53.9	SIGMA=	3.9	PHAS=	37.7	FOM=	0.84	TEST=	0
INDE	26	45	57	FOBS=	11.7	SIGMA=	23.3	PHAS=	44.3	FOM=	0.24	TEST=	0
INDE	26	46	26	FOBS=	166.0	SIGMA=	1.2	PHAS=	-141.3	FOM=	0.95	TEST=	0
INDE	26	46	28	FOBS=	91.4	SIGMA=	2.1	PHAS=	-22.6	FOM=	0.86	TEST=	0
INDE	26	46	30	FOBS=	77.3	SIGMA=	2.3	PHAS=	4.8	FOM=	0.62	TEST=	0
INDE	26	46	32	FOBS=	142.3	SIGMA=	1.3	PHAS=	49.4	FOM=	0.90	TEST=	0
INDE	26	46	34	FOBS=	68.0	SIGMA=	2.8	PHAS=	36.5	FOM=	0.78	TEST=	0
INDE	26	46	36	FOBS=	56.4	SIGMA=	3.6	PHAS=	-124.7	FOM=	0.76	TEST=	0
INDE	26	46	38	FOBS=	95.8	SIGMA=	2.0	PHAS=	171.4	FOM=	0.92	TEST=	0
INDE	26	46	40	FOBS=	59.4	SIGMA=	3.2	PHAS=	17.7	FOM=	0.87	TEST=	0
INDE	26	46	42	FOBS=	55.1	SIGMA=	3.4	PHAS=	-36.9	FOM=	0.89	TEST=	0
INDE	26	46	44	FOBS=	69.4	SIGMA=	2.7	PHAS=	69.1	FOM=	0.89	TEST=	0
INDE	26	46	46	FOBS=	110.8	SIGMA=	1.7	PHAS=	48.3	FOM=	0.17	TEST=	1
INDE	26	46	48	FOBS=	53.9	SIGMA=	3.6	PHAS=	-110.7	FOM=	0.66	TEST=	0
INDE	26	46	50	FOBS=	50.8	SIGMA=	3.9	PHAS=	-93.9	FOM=	0.66	TEST=	0
INDE	26	46	52	FOBS=	102.9	SIGMA=	2.0	PHAS=	-41.2	FOM=	0.95	TEST=	0
INDE	26	46	54	FOBS=	36.7	SIGMA=	6.1	PHAS=	-72.1	FOM=	0.26	TEST=	1
INDE	26	46	56	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	47	27	FOBS=	86.5	SIGMA=	2.0	PHAS=	144.1	FOM=	0.91	TEST=	0
INDE	26	47	29	FOBS=	87.2	SIGMA=	2.1	PHAS=	-176.5	FOM=	0.81	TEST=	0
INDE	26	47	31	FOBS=	73.0	SIGMA=	2.4	PHAS=	112.1	FOM=	0.88	TEST=	0
INDE	26	47	33	FOBS=	72.1	SIGMA=	2.8	PHAS=	-20.3	FOM=	0.67	TEST=	0
INDE	26	47	35	FOBS=	94.4	SIGMA=	2.2	PHAS=	172.7	FOM=	0.86	TEST=	0
INDE	26	47	37	FOBS=	85.9	SIGMA=	2.4	PHAS=	119.1	FOM=	0.91	TEST=	0
INDE	26	47	39	FOBS=	64.1	SIGMA=	2.8	PHAS=	-88.2	FOM=	0.81	TEST=	0
INDE	26	47	41	FOBS=	35.6	SIGMA=	5.0	PHAS=	177.9	FOM=	0.33	TEST=	1
INDE	26	47	43	FOBS=	50.3	SIGMA=	3.6	PHAS=	-126.4	FOM=	0.71	TEST=	0
INDE	26	47	45	FOBS=	132.3	SIGMA=	1.5	PHAS=	-17.1	FOM=	0.57	TEST=	1
INDE	26	47	47	FOBS=	56.3	SIGMA=	3.3	PHAS=	67.8	FOM=	0.44	TEST=	0
INDE	26	47	49	FOBS=	44.1	SIGMA=	4.2	PHAS=	-167.9	FOM=	0.79	TEST=	0
INDE	26	47	51	FOBS=	84.2	SIGMA=	2.4	PHAS=	168.0	FOM=	0.94	TEST=	0
INDE	26	47	53	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	47	55	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	48	26	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	48	28	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	48	30	FOBS=	128.3	SIGMA=	1.5	PHAS=	44.2	FOM=	0.94	TEST=	0
INDE	26	48	32	FOBS=	153.5	SIGMA=	1.4	PHAS=	67.5	FOM=	0.95	TEST=	0
INDE	26	48	34	FOBS=	46.6	SIGMA=	4.7	PHAS=	46.1	FOM=	0.47	TEST=	1
INDE	26	48	36	FOBS=	160.3	SIGMA=	1.4	PHAS=	-29.0	FOM=	0.95	TEST=	0
INDE	26	48	38	FOBS=	22.0	SIGMA=	9.0	PHAS=	125.0	FOM=	0.33	TEST=	0
INDE	26	48	40	FOBS=	13.7	SIGMA=	13.2	PHAS=	102.5	FOM=	0.27	TEST=	0
INDE	26	48	42	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	26	48	44	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	48	46	FOBS=	123.3	SIGMA=	1.6	PHAS=	-21.8	FOM=	0.95	TEST=	0
INDE	26	48	48	FOBS=	104.5	SIGMA=	1.8	PHAS=	-101.7	FOM=	0.92	TEST=	0
INDE	26	48	50	FOBS=	42.6	SIGMA=	4.7	PHAS=	87.8	FOM=	0.76	TEST=	0
INDE	26	48	52	FOBS=	81.8	SIGMA=	2.5	PHAS=	145.2	FOM=	0.78	TEST=	0
INDE	26	48	54	FOBS=	48.0	SIGMA=	5.2	PHAS=	-163.6	FOM=	0.81	TEST=	0

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INDE 26 49 27 FOBS= 89.6 SIGMA= 1.9 PHAS= 168.2 FOM= 0.92 TEST= 0
INDE 26 49 29 FOBS= 94.9 SIGMA= 2.4 PHAS= 50.0 FOM= 0.87 TEST= 0
INDE 26 49 31 FOBS= 127.8 SIGMA= 1.6 PHAS= -14.4 FOM= 0.95 TEST= 0
INDE 26 49 33 FOBS= 131.6 SIGMA= 1.6 PHAS= 7.0 FOM= 0.82 TEST= 0
INDE 26 49 35 FOBS= 20.7 SIGMA= 10.1 PHAS= 43.2 FOM= 0.20 TEST= 0
INDE 26 49 37 FOBS= 53.9 SIGMA= 3.9 PHAS= 97.9 FOM= 0.12 TEST= 1
INDE 26 49 39 FOBS= 20.6 SIGMA= 11.1 PHAS= 146.0 FOM= 0.23 TEST= 0
INDE 26 49 41 FOBS= 0.0 SIGMA= 20.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 26 49 43 FOBS= 81.7 SIGMA= 2.3 PHAS= -132.6 FOM= 0.80 TEST= 0
INDE 26 49 45 FOBS= 104.9 SIGMA= 1.8 PHAS= -69.8 FOM= 0.70 TEST= 1
INDE 26 49 47 FOBS= 98.4 SIGMA= 1.9 PHAS= -152.4 FOM= 0.94 TEST= 0
INDE 26 49 49 FOBS= 66.7 SIGMA= 3.0 PHAS= 148.8 FOM= 0.56 TEST= 1
INDE 26 49 51 FOBS= 51.1 SIGMA= 4.2 PHAS= 115.2 FOM= 0.30 TEST= 0
INDE 26 49 53 FOBS= 121.5 SIGMA= 2.0 PHAS= 80.6 FOM= 0.97 TEST= 0
INDE 26 50 26 FOBS= 104.8 SIGMA= 1.7 PHAS= 54.8 FOM= 0.92 TEST= 0
INDE 26 50 28 FOBS= 46.9 SIGMA= 4.3 PHAS= -101.8 FOM= 0.81 TEST= 0
INDE 26 50 30 FOBS= 106.4 SIGMA= 2.2 PHAS= -36.8 FOM= 0.95 TEST= 0
INDE 26 50 32 FOBS= 34.7 SIGMA= 5.6 PHAS= -112.7 FOM= 0.43 TEST= 0
INDE 26 50 34 FOBS= 68.8 SIGMA= 2.9 PHAS= -7.3 FOM= 0.77 TEST= 0
INDE 26 50 36 FOBS= 101.2 SIGMA= 2.0 PHAS= -76.6 FOM= 0.87 TEST= 0
INDE 26 50 38 FOBS= 39.1 SIGMA= 6.4 PHAS= -172.3 FOM= 0.41 TEST= 0
INDE 26 50 40 FOBS= 58.1 SIGMA= 3.3 PHAS= -176.1 FOM= 0.80 TEST= 0
INDE 26 50 42 FOBS= 32.3 SIGMA= 6.5 PHAS= 174.4 FOM= 0.59 TEST= 0
INDE 26 50 44 FOBS= 106.8 SIGMA= 1.8 PHAS= -179.3 FOM= 0.95 TEST= 0
INDE 26 50 46 FOBS= 38.2 SIGMA= 5.2 PHAS= -6.0 FOM= 0.36 TEST= 0
INDE 26 50 48 FOBS= 27.3 SIGMA= 7.8 PHAS= 119.8 FOM= 0.40 TEST= 0
INDE 26 50 50 FOBS= 0.0 SIGMA= 21.6 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 26 50 52 FOBS= 87.3 SIGMA= 3.0 PHAS= 1.6 FOM= 0.92 TEST= 0
INDE 26 51 27 FOBS= 62.2 SIGMA= 3.0 PHAS= -148.7 FOM= 0.88 TEST= 0
INDE 26 51 29 FOBS= 0.0 SIGMA= 24.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 26 51 31 FOBS= 57.7 SIGMA= 3.4 PHAS= 58.1 FOM= 0.76 TEST= 0
INDE 26 51 33 FOBS= 88.0 SIGMA= 2.3 PHAS= -146.3 FOM= 0.82 TEST= 0
INDE 26 51 35 FOBS= 47.1 SIGMA= 4.5 PHAS= -111.7 FOM= 0.08 TEST= 1
INDE 26 51 37 FOBS= 9.9 SIGMA= 21.5 PHAS= 134.2 FOM= 0.22 TEST= 0
INDE 26 51 39 FOBS= 86.4 SIGMA= 2.4 PHAS= 150.3 FOM= 0.77 TEST= 0
INDE 26 51 41 FOBS= 0.0 SIGMA= 19.6 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 26 51 43 FOBS= 35.5 SIGMA= 6.1 PHAS= -142.8 FOM= 0.26 TEST= 0
INDE 26 51 45 FOBS= 71.6 SIGMA= 2.8 PHAS= 149.2 FOM= 0.77 TEST= 0
INDE 26 51 47 FOBS= 65.7 SIGMA= 3.3 PHAS= 14.1 FOM= 0.01 TEST= 0
INDE 26 51 49 FOBS= 26.1 SIGMA= 9.1 PHAS= 131.1 FOM= 0.60 TEST= 0
INDE 26 51 51 FOBS= 0.0 SIGMA= 25.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 26 52 26 FOBS= 34.4 SIGMA= 5.0 PHAS= 64.9 FOM= 0.20 TEST= 0
INDE 26 52 28 FOBS= 15.2 SIGMA= 15.4 PHAS= -131.6 FOM= 0.02 TEST= 1
INDE 26 52 30 FOBS= 162.0 SIGMA= 1.5 PHAS= -42.8 FOM= 0.95 TEST= 0
INDE 26 52 32 FOBS= 51.1 SIGMA= 3.8 PHAS= 165.2 FOM= 0.43 TEST= 0
INDE 26 52 34 FOBS= 12.1 SIGMA= 16.1 PHAS= 172.0 FOM= 0.45 TEST= 0
INDE 26 52 36 FOBS= 38.3 SIGMA= 5.9 PHAS= 149.5 FOM= 0.04 TEST= 0
INDE 26 52 38 FOBS= 40.9 SIGMA= 6.3 PHAS= 152.2 FOM= 0.32 TEST= 0
INDE 26 52 40 FOBS= 16.9 SIGMA= 15.0 PHAS= -176.5 FOM= 0.14 TEST= 0
INDE 26 52 42 FOBS= 0.0 SIGMA= 22.3 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 26 52 44 FOBS= 64.7 SIGMA= 3.3 PHAS= 112.0 FOM= 0.87 TEST= 0
INDE 26 52 46 FOBS= 66.2 SIGMA= 3.6 PHAS= 77.0 FOM= 0.79 TEST= 0
INDE 26 52 48 FOBS= 52.7 SIGMA= 5.0 PHAS= -56.7 FOM= 0.79 TEST= 0
INDE 26 52 50 FOBS= 74.8 SIGMA= 3.6 PHAS= -7.2 FOM= 0.49 TEST= 0
INDE 26 53 27 FOBS= 67.8 SIGMA= 2.6 PHAS= -51.3 FOM= 0.86 TEST= 0
INDE 26 53 29 FOBS= 173.0 SIGMA= 1.3 PHAS= -134.7 FOM= 0.97 TEST= 0
INDE 26 53 31 FOBS= 0.0 SIGMA= 21.0 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 26 53 33 FOBS= 35.1 SIGMA= 7.7 PHAS= 177.1 FOM= 0.38 TEST= 0
INDE 26 53 35 FOBS= 31.7 SIGMA= 8.7 PHAS= 155.7 FOM= 0.45 TEST= 0
INDE 26 53 37 FOBS= 37.3 SIGMA= 6.9 PHAS= 126.9 FOM= 0.67 TEST= 0
INDE 26 53 39 FOBS= 0.0 SIGMA= 22.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 26 53 41 FOBS= 0.0 SIGMA= 24.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 26 53 43 FOBS= 68.1 SIGMA= 3.4 PHAS= -53.7 FOM= 0.75 TEST= 0
INDE 26 53 45 FOBS= 0.0 SIGMA= 22.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 26 53 47 FOBS= 44.6 SIGMA= 5.9 PHAS= 152.3 FOM= 0.74 TEST= 0
INDE 26 53 49 FOBS= 88.4 SIGMA= 3.4 PHAS= -158.0 FOM= 0.92 TEST= 0
INDE 26 54 26 FOBS= 157.7 SIGMA= 1.1 PHAS= -121.9 FOM= 0.91 TEST= 0
INDE 26 54 28 FOBS= 60.0 SIGMA= 3.1 PHAS= -115.3 FOM= 0.50 TEST= 0
INDE 26 54 30 FOBS= 69.8 SIGMA= 4.0 PHAS= 142.6 FOM= 0.82 TEST= 0
INDE 26 54 32 FOBS= 0.0 SIGMA= 23.4 PHAS= 0.0 FOM= 0.00 TEST= 0

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INDE	26	54	34	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	54	36	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	54	38	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	54	40	FOBS=	23.4	SIGMA=	12.6	PHAS=	150.9	FOM=	0.32	TEST=	0
INDE	26	54	42	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	54	44	FOBS=	64.6	SIGMA=	4.0	PHAS=	86.8	FOM=	0.67	TEST=	0
INDE	26	54	46	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	54	48	FOBS=	39.1	SIGMA=	7.7	PHAS=	92.3	FOM=	0.68	TEST=	0
INDE	26	55	27	FOBS=	26.5	SIGMA=	8.0	PHAS=	-175.6	FOM=	0.35	TEST=	0
INDE	26	55	29	FOBS=	92.0	SIGMA=	2.4	PHAS=	-138.3	FOM=	0.94	TEST=	0
INDE	26	55	31	FOBS=	39.4	SIGMA=	7.0	PHAS=	-119.3	FOM=	0.25	TEST=	0
INDE	26	55	33	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	55	35	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	55	37	FOBS=	12.3	SIGMA=	21.3	PHAS=	21.0	FOM=	0.25	TEST=	0
INDE	26	55	39	FOBS=	0.0	SIGMA=	26.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	55	41	FOBS=	39.6	SIGMA=	7.7	PHAS=	40.4	FOM=	0.80	TEST=	0
INDE	26	55	43	FOBS=	57.5	SIGMA=	4.5	PHAS=	-9.7	FOM=	0.68	TEST=	0
INDE	26	55	45	FOBS=	61.1	SIGMA=	4.3	PHAS=	-74.7	FOM=	0.80	TEST=	0
INDE	26	55	47	FOBS=	44.4	SIGMA=	6.7	PHAS=	116.7	FOM=	0.14	TEST=	0
INDE	26	56	26	FOBS=	82.7	SIGMA=	2.4	PHAS=	20.3	FOM=	0.84	TEST=	0
INDE	26	56	28	FOBS=	22.3	SIGMA=	8.9	PHAS=	41.1	FOM=	0.41	TEST=	0
INDE	26	56	30	FOBS=	137.5	SIGMA=	2.1	PHAS=	151.4	FOM=	0.94	TEST=	0
INDE	26	56	32	FOBS=	0.0	SIGMA=	28.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	56	34	FOBS=	41.1	SIGMA=	6.9	PHAS=	-149.2	FOM=	0.46	TEST=	0
INDE	26	56	36	FOBS=	112.0	SIGMA=	2.7	PHAS=	-63.8	FOM=	0.94	TEST=	0
INDE	26	56	38	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	56	40	FOBS=	10.1	SIGMA=	30.3	PHAS=	-140.1	FOM=	0.12	TEST=	0
INDE	26	56	42	FOBS=	111.7	SIGMA=	2.9	PHAS=	9.4	FOM=	0.95	TEST=	0
INDE	26	56	44	FOBS=	17.0	SIGMA=	15.4	PHAS=	73.1	FOM=	0.38	TEST=	0
INDE	26	56	46	FOBS=	100.8	SIGMA=	3.1	PHAS=	-124.0	FOM=	0.25	TEST=	1
INDE	26	57	27	FOBS=	99.3	SIGMA=	2.2	PHAS=	-76.5	FOM=	0.92	TEST=	0
INDE	26	57	29	FOBS=	150.0	SIGMA=	1.7	PHAS=	-34.7	FOM=	0.92	TEST=	0
INDE	26	57	31	FOBS=	75.1	SIGMA=	4.4	PHAS=	78.8	FOM=	0.79	TEST=	0
INDE	26	57	33	FOBS=	62.4	SIGMA=	6.5	PHAS=	138.7	FOM=	0.68	TEST=	0
INDE	26	57	35	FOBS=	60.1	SIGMA=	4.8	PHAS=	-173.5	FOM=	0.83	TEST=	0
INDE	26	57	37	FOBS=	4.2	SIGMA=	81.6	PHAS=	-8.3	FOM=	0.05	TEST=	1
INDE	26	57	39	FOBS=	63.0	SIGMA=	4.9	PHAS=	-11.5	FOM=	0.76	TEST=	0
INDE	26	57	41	FOBS=	77.7	SIGMA=	4.1	PHAS=	-52.4	FOM=	0.92	TEST=	0
INDE	26	57	43	FOBS=	109.3	SIGMA=	2.7	PHAS=	-45.9	FOM=	0.97	TEST=	0
INDE	26	57	45	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	26	58	26	FOBS=	82.2	SIGMA=	2.9	PHAS=	104.7	FOM=	0.90	TEST=	0
INDE	26	58	28	FOBS=	88.8	SIGMA=	2.7	PHAS=	-128.7	FOM=	0.94	TEST=	0
INDE	26	58	30	FOBS=	45.6	SIGMA=	6.9	PHAS=	-36.2	FOM=	0.64	TEST=	0
INDE	26	58	32	FOBS=	71.9	SIGMA=	4.6	PHAS=	12.0	FOM=	0.34	TEST=	0
INDE	26	58	34	FOBS=	22.2	SIGMA=	17.8	PHAS=	91.8	FOM=	0.47	TEST=	0
INDE	26	58	36	FOBS=	121.0	SIGMA=	2.6	PHAS=	-51.9	FOM=	0.96	TEST=	0
INDE	26	58	38	FOBS=	67.0	SIGMA=	4.6	PHAS=	-26.3	FOM=	0.37	TEST=	1
INDE	26	58	40	FOBS=	74.8	SIGMA=	4.3	PHAS=	-177.9	FOM=	0.91	TEST=	0
INDE	26	58	42	FOBS=	86.3	SIGMA=	3.8	PHAS=	-96.8	FOM=	0.95	TEST=	0
INDE	26	58	44	FOBS=	54.9	SIGMA=	5.5	PHAS=	-58.7	FOM=	0.67	TEST=	0
INDE	26	59	27	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	59	29	FOBS=	83.7	SIGMA=	2.9	PHAS=	77.5	FOM=	0.31	TEST=	1
INDE	26	59	31	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	26	59	33	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	59	35	FOBS=	34.9	SIGMA=	11.7	PHAS=	-157.1	FOM=	0.60	TEST=	0
INDE	26	59	37	FOBS=	57.6	SIGMA=	5.2	PHAS=	-118.3	FOM=	0.89	TEST=	0
INDE	26	59	39	FOBS=	88.9	SIGMA=	3.6	PHAS=	-46.3	FOM=	0.10	TEST=	1
INDE	26	59	41	FOBS=	43.1	SIGMA=	8.7	PHAS=	-99.3	FOM=	0.42	TEST=	0
INDE	26	59	43	FOBS=	34.5	SIGMA=	13.7	PHAS=	157.5	FOM=	0.60	TEST=	0
INDE	26	60	26	FOBS=	82.6	SIGMA=	3.7	PHAS=	5.9	FOM=	0.86	TEST=	0
INDE	26	60	28	FOBS=	47.2	SIGMA=	5.0	PHAS=	12.4	FOM=	0.48	TEST=	0
INDE	26	60	30	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	60	32	FOBS=	76.5	SIGMA=	3.7	PHAS=	111.1	FOM=	0.91	TEST=	0
INDE	26	60	34	FOBS=	0.0	SIGMA=	25.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	60	36	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	60	38	FOBS=	54.0	SIGMA=	8.3	PHAS=	125.9	FOM=	0.51	TEST=	0
INDE	26	60	40	FOBS=	49.9	SIGMA=	6.4	PHAS=	-142.2	FOM=	0.50	TEST=	0
INDE	26	60	42	FOBS=	27.4	SIGMA=	23.0	PHAS=	-39.5	FOM=	0.18	TEST=	0
INDE	26	61	27	FOBS=	63.3	SIGMA=	3.7	PHAS=	-104.6	FOM=	0.89	TEST=	0
INDE	26	61	29	FOBS=	28.4	SIGMA=	8.4	PHAS=	-61.7	FOM=	0.47	TEST=	0

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INDE	26	61	31	FOBS=	134.7	SIGMA=	2.2	PHAS=	9.4	FOM=	0.92	TEST=	0
INDE	26	61	33	FOBS=	56.0	SIGMA=	5.1	PHAS=	2.7	FOM=	0.79	TEST=	0
INDE	26	61	35	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	61	37	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	26	61	39	FOBS=	0.0	SIGMA=	24.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	62	26	FOBS=	93.2	SIGMA=	3.3	PHAS=	175.0	FOM=	0.87	TEST=	0
INDE	26	62	28	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	62	30	FOBS=	110.2	SIGMA=	2.3	PHAS=	9.9	FOM=	0.05	TEST=	1
INDE	26	62	32	FOBS=	111.1	SIGMA=	2.6	PHAS=	-75.4	FOM=	0.92	TEST=	0
INDE	26	62	34	FOBS=	85.2	SIGMA=	3.5	PHAS=	-7.1	FOM=	0.06	TEST=	1
INDE	26	62	36	FOBS=	6.5	SIGMA=	41.3	PHAS=	6.1	FOM=	0.08	TEST=	0
INDE	26	62	38	FOBS=	0.0	SIGMA=	26.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	26	63	27	FOBS=	54.5	SIGMA=	5.7	PHAS=	111.3	FOM=	0.73	TEST=	0
INDE	26	63	29	FOBS=	56.2	SIGMA=	4.3	PHAS=	-122.8	FOM=	0.59	TEST=	0
INDE	26	63	31	FOBS=	10.2	SIGMA=	26.5	PHAS=	164.0	FOM=	0.18	TEST=	0
INDE	26	63	33	FOBS=	92.6	SIGMA=	3.2	PHAS=	-142.8	FOM=	0.90	TEST=	0
INDE	26	63	35	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	63	37	FOBS=	61.0	SIGMA=	6.0	PHAS=	124.0	FOM=	0.45	TEST=	0
INDE	26	64	26	FOBS=	0.0	SIGMA=	24.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	26	64	28	FOBS=	19.9	SIGMA=	19.2	PHAS=	32.9	FOM=	0.16	TEST=	0
INDE	26	64	30	FOBS=	0.0	SIGMA=	27.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	64	32	FOBS=	25.3	SIGMA=	12.9	PHAS=	164.2	FOM=	0.04	TEST=	1
INDE	26	64	34	FOBS=	97.5	SIGMA=	3.6	PHAS=	52.4	FOM=	0.92	TEST=	0
INDE	26	65	27	FOBS=	27.6	SIGMA=	13.6	PHAS=	-141.7	FOM=	0.20	TEST=	0
INDE	26	65	29	FOBS=	53.5	SIGMA=	6.0	PHAS=	-156.5	FOM=	0.53	TEST=	0
INDE	26	65	31	FOBS=	49.5	SIGMA=	7.6	PHAS=	129.4	FOM=	0.84	TEST=	0
INDE	26	65	33	FOBS=	91.0	SIGMA=	3.8	PHAS=	-74.2	FOM=	0.93	TEST=	0
INDE	26	66	26	FOBS=	0.0	SIGMA=	31.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	66	28	FOBS=	78.1	SIGMA=	6.7	PHAS=	126.5	FOM=	0.84	TEST=	0
INDE	26	66	30	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	26	67	27	FOBS=	65.4	SIGMA=	7.6	PHAS=	-58.9	FOM=	0.86	TEST=	0
INDE	26	67	29	FOBS=	52.7	SIGMA=	9.9	PHAS=	40.0	FOM=	0.74	TEST=	0
INDE	26	68	26	FOBS=	68.4	SIGMA=	7.5	PHAS=	-159.4	FOM=	0.81	TEST=	0
INDE	27	28	27	FOBS=	114.2	SIGMA=	1.6	PHAS=	-48.7	FOM=	0.84	TEST=	1
INDE	27	28	29	FOBS=	276.6	SIGMA=	0.8	PHAS=	-110.0	FOM=	0.97	TEST=	0
INDE	27	28	31	FOBS=	263.9	SIGMA=	0.8	PHAS=	-44.9	FOM=	0.91	TEST=	0
INDE	27	28	33	FOBS=	129.9	SIGMA=	1.5	PHAS=	-23.6	FOM=	0.85	TEST=	0
INDE	27	28	35	FOBS=	335.4	SIGMA=	0.7	PHAS=	135.3	FOM=	0.98	TEST=	0
INDE	27	28	37	FOBS=	88.1	SIGMA=	1.9	PHAS=	-139.1	FOM=	0.65	TEST=	0
INDE	27	28	39	FOBS=	67.4	SIGMA=	2.4	PHAS=	-42.2	FOM=	0.33	TEST=	0
INDE	27	28	41	FOBS=	88.5	SIGMA=	1.9	PHAS=	-4.4	FOM=	0.18	TEST=	0
INDE	27	28	43	FOBS=	35.9	SIGMA=	4.6	PHAS=	-76.5	FOM=	0.04	TEST=	1
INDE	27	28	45	FOBS=	73.8	SIGMA=	2.2	PHAS=	-73.1	FOM=	0.39	TEST=	0
INDE	27	28	47	FOBS=	90.2	SIGMA=	1.9	PHAS=	-105.1	FOM=	0.94	TEST=	0
INDE	27	28	49	FOBS=	50.8	SIGMA=	3.4	PHAS=	130.9	FOM=	0.47	TEST=	0
INDE	27	28	51	FOBS=	51.3	SIGMA=	3.3	PHAS=	-129.9	FOM=	0.25	TEST=	0
INDE	27	28	53	FOBS=	132.9	SIGMA=	1.5	PHAS=	70.2	FOM=	0.97	TEST=	0
INDE	27	28	55	FOBS=	78.0	SIGMA=	3.1	PHAS=	125.3	FOM=	0.82	TEST=	1
INDE	27	28	57	FOBS=	69.0	SIGMA=	3.5	PHAS=	-140.2	FOM=	0.83	TEST=	0
INDE	27	28	59	FOBS=	32.0	SIGMA=	6.7	PHAS=	-93.6	FOM=	0.61	TEST=	0
INDE	27	28	61	FOBS=	44.5	SIGMA=	6.9	PHAS=	11.5	FOM=	0.26	TEST=	0
INDE	27	28	63	FOBS=	0.0	SIGMA=	24.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	28	65	FOBS=	69.9	SIGMA=	7.6	PHAS=	-131.5	FOM=	0.75	TEST=	0
INDE	27	28	67	FOBS=	26.4	SIGMA=	20.0	PHAS=	-168.6	FOM=	0.35	TEST=	0
INDE	27	29	28	FOBS=	42.8	SIGMA=	4.9	PHAS=	-119.9	FOM=	0.43	TEST=	0
INDE	27	29	30	FOBS=	269.7	SIGMA=	0.8	PHAS=	142.1	FOM=	0.96	TEST=	0
INDE	27	29	32	FOBS=	240.7	SIGMA=	0.9	PHAS=	-145.5	FOM=	0.97	TEST=	0
INDE	27	29	34	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	29	36	FOBS=	174.1	SIGMA=	1.1	PHAS=	72.2	FOM=	0.94	TEST=	0
INDE	27	29	38	FOBS=	124.8	SIGMA=	1.4	PHAS=	127.5	FOM=	0.90	TEST=	0
INDE	27	29	40	FOBS=	0.0	SIGMA=	18.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	29	42	FOBS=	107.4	SIGMA=	1.5	PHAS=	157.1	FOM=	0.73	TEST=	0
INDE	27	29	44	FOBS=	39.9	SIGMA=	4.6	PHAS=	25.4	FOM=	0.40	TEST=	0
INDE	27	29	46	FOBS=	70.7	SIGMA=	2.3	PHAS=	145.6	FOM=	0.80	TEST=	0
INDE	27	29	48	FOBS=	37.0	SIGMA=	4.6	PHAS=	-27.1	FOM=	0.63	TEST=	0
INDE	27	29	50	FOBS=	79.7	SIGMA=	2.2	PHAS=	-33.3	FOM=	0.66	TEST=	0
INDE	27	29	52	FOBS=	81.9	SIGMA=	2.1	PHAS=	53.9	FOM=	0.91	TEST=	0
INDE	27	29	54	FOBS=	60.7	SIGMA=	3.5	PHAS=	-17.1	FOM=	0.89	TEST=	0
INDE	27	29	56	FOBS=	77.3	SIGMA=	3.1	PHAS=	71.1	FOM=	0.63	TEST=	1
INDE	27	29	58	FOBS=	116.7	SIGMA=	2.1	PHAS=	87.3	FOM=	0.96	TEST=	0

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INDE	27	29	60	FOBS=	0.0	SIGMA=	27.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	27	29	62	FOBS=	0.0	SIGMA=	24.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	29	64	FOBS=	16.1	SIGMA=	24.2	PHAS=	91.2	FOM=	0.17	TEST=	0
INDE	27	29	66	FOBS=	0.0	SIGMA=	32.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	30	27	FOBS=	137.6	SIGMA=	1.4	PHAS=	-36.6	FOM=	0.93	TEST=	0
INDE	27	30	29	FOBS=	66.6	SIGMA=	2.9	PHAS=	-58.6	FOM=	0.92	TEST=	0
INDE	27	30	31	FOBS=	144.7	SIGMA=	1.4	PHAS=	37.4	FOM=	0.96	TEST=	0
INDE	27	30	33	FOBS=	125.3	SIGMA=	1.6	PHAS=	118.9	FOM=	0.68	TEST=	1
INDE	27	30	35	FOBS=	132.1	SIGMA=	1.5	PHAS=	118.1	FOM=	0.82	TEST=	0
INDE	27	30	37	FOBS=	165.4	SIGMA=	1.2	PHAS=	3.7	FOM=	0.89	TEST=	0
INDE	27	30	39	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	30	41	FOBS=	62.8	SIGMA=	2.6	PHAS=	80.8	FOM=	0.90	TEST=	0
INDE	27	30	43	FOBS=	71.1	SIGMA=	2.3	PHAS=	-30.5	FOM=	0.82	TEST=	0
INDE	27	30	45	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	30	47	FOBS=	31.8	SIGMA=	5.2	PHAS=	91.4	FOM=	0.24	TEST=	0
INDE	27	30	49	FOBS=	88.7	SIGMA=	2.0	PHAS=	105.0	FOM=	0.88	TEST=	0
INDE	27	30	51	FOBS=	124.7	SIGMA=	1.4	PHAS=	-36.8	FOM=	0.95	TEST=	0
INDE	27	30	53	FOBS=	34.7	SIGMA=	5.7	PHAS=	38.8	FOM=	0.20	TEST=	1
INDE	27	30	55	FOBS=	33.3	SIGMA=	8.0	PHAS=	-84.3	FOM=	0.35	TEST=	1
INDE	27	30	57	FOBS=	121.2	SIGMA=	2.1	PHAS=	37.9	FOM=	0.94	TEST=	0
INDE	27	30	59	FOBS=	104.6	SIGMA=	3.2	PHAS=	-27.5	FOM=	0.93	TEST=	0
INDE	27	30	61	FOBS=	0.0	SIGMA=	24.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	30	63	FOBS=	49.6	SIGMA=	10.6	PHAS=	40.7	FOM=	0.49	TEST=	0
INDE	27	30	65	FOBS=	0.0	SIGMA=	32.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	31	28	FOBS=	117.2	SIGMA=	1.9	PHAS=	-161.4	FOM=	0.82	TEST=	0
INDE	27	31	30	FOBS=	105.3	SIGMA=	1.8	PHAS=	135.3	FOM=	0.85	TEST=	0
INDE	27	31	32	FOBS=	183.3	SIGMA=	1.1	PHAS=	-20.6	FOM=	0.89	TEST=	0
INDE	27	31	34	FOBS=	129.3	SIGMA=	1.5	PHAS=	-12.2	FOM=	0.74	TEST=	0
INDE	27	31	36	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	27	31	38	FOBS=	30.0	SIGMA=	6.4	PHAS=	-43.6	FOM=	0.28	TEST=	0
INDE	27	31	40	FOBS=	195.1	SIGMA=	1.0	PHAS=	-52.7	FOM=	0.90	TEST=	0
INDE	27	31	42	FOBS=	32.1	SIGMA=	5.3	PHAS=	-80.6	FOM=	0.40	TEST=	0
INDE	27	31	44	FOBS=	36.0	SIGMA=	4.6	PHAS=	-106.6	FOM=	0.21	TEST=	1
INDE	27	31	46	FOBS=	71.1	SIGMA=	2.3	PHAS=	174.3	FOM=	0.83	TEST=	0
INDE	27	31	48	FOBS=	109.5	SIGMA=	1.6	PHAS=	0.0	FOM=	0.88	TEST=	0
INDE	27	31	50	FOBS=	134.0	SIGMA=	1.3	PHAS=	-69.9	FOM=	0.96	TEST=	0
INDE	27	31	52	FOBS=	53.9	SIGMA=	3.3	PHAS=	-90.5	FOM=	0.26	TEST=	0
INDE	27	31	54	FOBS=	71.5	SIGMA=	2.9	PHAS=	-88.4	FOM=	0.88	TEST=	0
INDE	27	31	56	FOBS=	11.3	SIGMA=	19.1	PHAS=	-94.2	FOM=	0.38	TEST=	0
INDE	27	31	58	FOBS=	43.9	SIGMA=	7.1	PHAS=	-21.7	FOM=	0.66	TEST=	0
INDE	27	31	60	FOBS=	40.0	SIGMA=	7.9	PHAS=	-87.8	FOM=	0.09	TEST=	1
INDE	27	31	62	FOBS=	0.0	SIGMA=	25.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	31	64	FOBS=	46.9	SIGMA=	11.3	PHAS=	-58.8	FOM=	0.67	TEST=	0
INDE	27	31	66	FOBS=	0.0	SIGMA=	32.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	32	27	FOBS=	256.3	SIGMA=	0.9	PHAS=	114.1	FOM=	0.94	TEST=	0
INDE	27	32	29	FOBS=	127.9	SIGMA=	1.7	PHAS=	81.5	FOM=	0.74	TEST=	0
INDE	27	32	31	FOBS=	386.8	SIGMA=	0.7	PHAS=	-62.0	FOM=	0.98	TEST=	0
INDE	27	32	33	FOBS=	74.7	SIGMA=	2.6	PHAS=	-48.3	FOM=	0.76	TEST=	0
INDE	27	32	35	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	27	32	37	FOBS=	113.4	SIGMA=	1.7	PHAS=	67.9	FOM=	0.85	TEST=	0
INDE	27	32	39	FOBS=	160.3	SIGMA=	1.2	PHAS=	-123.3	FOM=	0.94	TEST=	0
INDE	27	32	41	FOBS=	185.3	SIGMA=	1.1	PHAS=	-136.0	FOM=	0.96	TEST=	0
INDE	27	32	43	FOBS=	147.8	SIGMA=	1.3	PHAS=	-60.9	FOM=	0.94	TEST=	0
INDE	27	32	45	FOBS=	9.3	SIGMA=	17.1	PHAS=	174.9	FOM=	0.08	TEST=	0
INDE	27	32	47	FOBS=	76.9	SIGMA=	2.1	PHAS=	145.9	FOM=	0.89	TEST=	0
INDE	27	32	49	FOBS=	60.6	SIGMA=	2.8	PHAS=	146.5	FOM=	0.81	TEST=	0
INDE	27	32	51	FOBS=	60.6	SIGMA=	2.9	PHAS=	-29.1	FOM=	0.52	TEST=	1
INDE	27	32	53	FOBS=	90.2	SIGMA=	2.1	PHAS=	-122.0	FOM=	0.89	TEST=	0
INDE	27	32	55	FOBS=	25.7	SIGMA=	7.9	PHAS=	-145.2	FOM=	0.61	TEST=	0
INDE	27	32	57	FOBS=	45.8	SIGMA=	5.4	PHAS=	10.4	FOM=	0.41	TEST=	0
INDE	27	32	59	FOBS=	0.0	SIGMA=	27.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	32	61	FOBS=	46.5	SIGMA=	6.9	PHAS=	85.1	FOM=	0.52	TEST=	0
INDE	27	32	63	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	32	65	FOBS=	61.0	SIGMA=	6.7	PHAS=	136.3	FOM=	0.22	TEST=	1
INDE	27	33	28	FOBS=	281.2	SIGMA=	0.9	PHAS=	-3.1	FOM=	0.97	TEST=	0
INDE	27	33	30	FOBS=	165.4	SIGMA=	1.4	PHAS=	-132.0	FOM=	0.90	TEST=	0
INDE	27	33	32	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	33	34	FOBS=	61.1	SIGMA=	3.0	PHAS=	-60.1	FOM=	0.85	TEST=	0
INDE	27	33	36	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	33	38	FOBS=	76.3	SIGMA=	2.4	PHAS=	154.6	FOM=	0.86	TEST=	0

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INDE	27	33	40	FOBS=	125.1	SIGMA=	1.5	PHAS=	148.6	FOM=	0.92	TEST=	0
INDE	27	33	42	FOBS=	202.0	SIGMA=	1.0	PHAS=	149.4	FOM=	0.94	TEST=	0
INDE	27	33	44	FOBS=	196.7	SIGMA=	1.0	PHAS=	-140.3	FOM=	0.50	TEST=	1
INDE	27	33	46	FOBS=	32.4	SIGMA=	6.0	PHAS=	97.2	FOM=	0.39	TEST=	0
INDE	27	33	48	FOBS=	104.1	SIGMA=	1.6	PHAS=	20.0	FOM=	0.94	TEST=	0
INDE	27	33	50	FOBS=	60.1	SIGMA=	2.8	PHAS=	43.9	FOM=	0.67	TEST=	0
INDE	27	33	52	FOBS=	88.5	SIGMA=	2.2	PHAS=	13.0	FOM=	0.89	TEST=	0
INDE	27	33	54	FOBS=	87.4	SIGMA=	2.4	PHAS=	151.8	FOM=	0.93	TEST=	0
INDE	27	33	56	FOBS=	11.0	SIGMA=	21.9	PHAS=	-30.2	FOM=	0.05	TEST=	0
INDE	27	33	58	FOBS=	40.6	SIGMA=	6.0	PHAS=	-177.5	FOM=	0.59	TEST=	0
INDE	27	33	60	FOBS=	93.3	SIGMA=	3.5	PHAS=	32.8	FOM=	0.92	TEST=	0
INDE	27	33	62	FOBS=	24.8	SIGMA=	13.0	PHAS=	-30.7	FOM=	0.35	TEST=	0
INDE	27	33	64	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	34	27	FOBS=	263.4	SIGMA=	0.8	PHAS=	-145.6	FOM=	0.97	TEST=	0
INDE	27	34	29	FOBS=	60.8	SIGMA=	3.2	PHAS=	-157.1	FOM=	0.67	TEST=	0
INDE	27	34	31	FOBS=	140.3	SIGMA=	1.4	PHAS=	-132.0	FOM=	0.96	TEST=	0
INDE	27	34	33	FOBS=	120.7	SIGMA=	1.5	PHAS=	-62.8	FOM=	0.85	TEST=	1
INDE	27	34	35	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	34	37	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	34	39	FOBS=	75.5	SIGMA=	2.5	PHAS=	55.5	FOM=	0.77	TEST=	0
INDE	27	34	41	FOBS=	101.9	SIGMA=	1.8	PHAS=	61.1	FOM=	0.90	TEST=	0
INDE	27	34	43	FOBS=	100.1	SIGMA=	1.8	PHAS=	59.6	FOM=	0.93	TEST=	0
INDE	27	34	45	FOBS=	39.2	SIGMA=	4.7	PHAS=	23.4	FOM=	0.50	TEST=	0
INDE	27	34	47	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	34	49	FOBS=	51.0	SIGMA=	3.1	PHAS=	-107.6	FOM=	0.68	TEST=	0
INDE	27	34	51	FOBS=	179.4	SIGMA=	1.2	PHAS=	-63.1	FOM=	0.80	TEST=	1
INDE	27	34	53	FOBS=	64.4	SIGMA=	3.2	PHAS=	-89.4	FOM=	0.74	TEST=	0
INDE	27	34	55	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	34	57	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	34	59	FOBS=	67.7	SIGMA=	3.6	PHAS=	-177.4	FOM=	0.81	TEST=	0
INDE	27	34	61	FOBS=	66.9	SIGMA=	4.9	PHAS=	-117.3	FOM=	0.70	TEST=	0
INDE	27	34	63	FOBS=	27.9	SIGMA=	11.8	PHAS=	-74.0	FOM=	0.64	TEST=	0
INDE	27	35	28	FOBS=	198.1	SIGMA=	1.1	PHAS=	45.8	FOM=	0.91	TEST=	0
INDE	27	35	30	FOBS=	130.9	SIGMA=	1.5	PHAS=	73.4	FOM=	0.93	TEST=	0
INDE	27	35	32	FOBS=	161.9	SIGMA=	1.1	PHAS=	138.3	FOM=	0.76	TEST=	1
INDE	27	35	34	FOBS=	84.0	SIGMA=	2.0	PHAS=	-131.6	FOM=	0.84	TEST=	0
INDE	27	35	36	FOBS=	116.0	SIGMA=	1.5	PHAS=	-25.0	FOM=	0.68	TEST=	0
INDE	27	35	38	FOBS=	95.8	SIGMA=	1.8	PHAS=	78.5	FOM=	0.63	TEST=	0
INDE	27	35	40	FOBS=	37.8	SIGMA=	4.3	PHAS=	38.2	FOM=	0.78	TEST=	0
INDE	27	35	42	FOBS=	116.9	SIGMA=	1.6	PHAS=	-25.4	FOM=	0.91	TEST=	0
INDE	27	35	44	FOBS=	69.3	SIGMA=	2.5	PHAS=	-94.7	FOM=	0.85	TEST=	0
INDE	27	35	46	FOBS=	24.8	SIGMA=	7.3	PHAS=	-5.6	FOM=	0.11	TEST=	0
INDE	27	35	48	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	35	50	FOBS=	54.5	SIGMA=	3.2	PHAS=	-164.0	FOM=	0.82	TEST=	0
INDE	27	35	52	FOBS=	74.6	SIGMA=	2.5	PHAS=	-95.2	FOM=	0.24	TEST=	1
INDE	27	35	54	FOBS=	144.2	SIGMA=	1.8	PHAS=	159.2	FOM=	0.95	TEST=	0
INDE	27	35	56	FOBS=	84.2	SIGMA=	3.0	PHAS=	-31.3	FOM=	0.90	TEST=	0
INDE	27	35	58	FOBS=	59.2	SIGMA=	4.2	PHAS=	87.0	FOM=	0.87	TEST=	0
INDE	27	35	60	FOBS=	37.1	SIGMA=	7.6	PHAS=	138.2	FOM=	0.12	TEST=	1
INDE	27	35	62	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	36	27	FOBS=	98.6	SIGMA=	1.7	PHAS=	155.3	FOM=	0.92	TEST=	0
INDE	27	36	29	FOBS=	156.4	SIGMA=	1.3	PHAS=	-67.9	FOM=	0.94	TEST=	0
INDE	27	36	31	FOBS=	114.3	SIGMA=	1.6	PHAS=	-21.9	FOM=	0.93	TEST=	0
INDE	27	36	33	FOBS=	120.6	SIGMA=	1.4	PHAS=	73.2	FOM=	0.93	TEST=	0
INDE	27	36	35	FOBS=	0.0	SIGMA=	18.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	36	37	FOBS=	208.9	SIGMA=	0.9	PHAS=	-86.4	FOM=	0.96	TEST=	0
INDE	27	36	39	FOBS=	123.7	SIGMA=	1.4	PHAS=	-20.6	FOM=	0.91	TEST=	0
INDE	27	36	41	FOBS=	69.8	SIGMA=	2.4	PHAS=	70.5	FOM=	0.83	TEST=	0
INDE	27	36	43	FOBS=	50.4	SIGMA=	3.2	PHAS=	84.7	FOM=	0.81	TEST=	0
INDE	27	36	45	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	36	47	FOBS=	52.0	SIGMA=	3.3	PHAS=	-13.8	FOM=	0.83	TEST=	0
INDE	27	36	49	FOBS=	104.5	SIGMA=	1.7	PHAS=	154.4	FOM=	0.91	TEST=	0
INDE	27	36	51	FOBS=	36.4	SIGMA=	5.3	PHAS=	16.5	FOM=	0.46	TEST=	0
INDE	27	36	53	FOBS=	94.9	SIGMA=	2.7	PHAS=	20.7	FOM=	0.83	TEST=	0
INDE	27	36	55	FOBS=	105.6	SIGMA=	2.4	PHAS=	-120.3	FOM=	0.95	TEST=	0
INDE	27	36	57	FOBS=	43.8	SIGMA=	5.6	PHAS=	-63.3	FOM=	0.87	TEST=	0
INDE	27	36	59	FOBS=	28.8	SIGMA=	8.4	PHAS=	9.5	FOM=	0.05	TEST=	1
INDE	27	36	61	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	36	63	FOBS=	44.3	SIGMA=	7.5	PHAS=	29.9	FOM=	0.11	TEST=	0
INDE	27	37	28	FOBS=	40.2	SIGMA=	4.5	PHAS=	-159.3	FOM=	0.48	TEST=	0

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INDE	27	37	30	FOBS=	89.3	SIGMA=	2.1	PHAS=	-62.9	FOM=	0.92	TEST=	0
INDE	27	37	32	FOBS=	37.8	SIGMA=	5.3	PHAS=	-96.7	FOM=	0.66	TEST=	0
INDE	27	37	34	FOBS=	0.0	SIGMA=	18.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	37	36	FOBS=	75.8	SIGMA=	2.2	PHAS=	125.0	FOM=	0.58	TEST=	0
INDE	27	37	38	FOBS=	83.1	SIGMA=	2.0	PHAS=	-154.2	FOM=	0.89	TEST=	0
INDE	27	37	40	FOBS=	137.9	SIGMA=	1.3	PHAS=	6.7	FOM=	0.97	TEST=	0
INDE	27	37	42	FOBS=	130.3	SIGMA=	1.3	PHAS=	11.7	FOM=	0.90	TEST=	0
INDE	27	37	44	FOBS=	24.2	SIGMA=	6.8	PHAS=	-10.9	FOM=	0.44	TEST=	0
INDE	27	37	46	FOBS=	57.4	SIGMA=	2.8	PHAS=	-112.1	FOM=	0.83	TEST=	0
INDE	27	37	48	FOBS=	86.7	SIGMA=	1.8	PHAS=	54.6	FOM=	0.90	TEST=	0
INDE	27	37	50	FOBS=	90.6	SIGMA=	2.0	PHAS=	19.0	FOM=	0.83	TEST=	0
INDE	27	37	52	FOBS=	75.0	SIGMA=	2.6	PHAS=	-106.3	FOM=	0.72	TEST=	0
INDE	27	37	54	FOBS=	168.4	SIGMA=	1.6	PHAS=	161.7	FOM=	0.97	TEST=	0
INDE	27	37	56	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	37	58	FOBS=	47.2	SIGMA=	5.2	PHAS=	92.1	FOM=	0.72	TEST=	0
INDE	27	37	60	FOBS=	0.0	SIGMA=	24.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	37	62	FOBS=	0.0	SIGMA=	29.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	38	27	FOBS=	13.0	SIGMA=	13.6	PHAS=	-53.4	FOM=	0.14	TEST=	0
INDE	27	38	29	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	38	31	FOBS=	73.0	SIGMA=	2.5	PHAS=	180.0	FOM=	0.85	TEST=	0
INDE	27	38	33	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	38	35	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	38	37	FOBS=	108.2	SIGMA=	1.6	PHAS=	-85.0	FOM=	0.84	TEST=	0
INDE	27	38	39	FOBS=	111.7	SIGMA=	1.5	PHAS=	-32.2	FOM=	0.94	TEST=	0
INDE	27	38	41	FOBS=	38.8	SIGMA=	4.8	PHAS=	-70.2	FOM=	0.67	TEST=	0
INDE	27	38	43	FOBS=	54.8	SIGMA=	3.0	PHAS=	-20.1	FOM=	0.73	TEST=	0
INDE	27	38	45	FOBS=	41.3	SIGMA=	3.8	PHAS=	2.8	FOM=	0.77	TEST=	0
INDE	27	38	47	FOBS=	57.4	SIGMA=	2.8	PHAS=	-91.4	FOM=	0.85	TEST=	0
INDE	27	38	49	FOBS=	35.8	SIGMA=	5.9	PHAS=	-43.7	FOM=	0.32	TEST=	0
INDE	27	38	51	FOBS=	54.5	SIGMA=	3.2	PHAS=	-117.4	FOM=	0.84	TEST=	0
INDE	27	38	53	FOBS=	81.6	SIGMA=	2.3	PHAS=	75.1	FOM=	0.92	TEST=	0
INDE	27	38	55	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	38	57	FOBS=	71.1	SIGMA=	3.5	PHAS=	-24.3	FOM=	0.88	TEST=	0
INDE	27	38	59	FOBS=	45.9	SIGMA=	5.5	PHAS=	-14.4	FOM=	0.78	TEST=	0
INDE	27	38	61	FOBS=	45.2	SIGMA=	7.3	PHAS=	-36.6	FOM=	0.70	TEST=	0
INDE	27	39	28	FOBS=	288.9	SIGMA=	0.8	PHAS=	-122.1	FOM=	0.95	TEST=	0
INDE	27	39	30	FOBS=	114.8	SIGMA=	1.6	PHAS=	-95.2	FOM=	0.47	TEST=	0
INDE	27	39	32	FOBS=	72.6	SIGMA=	2.5	PHAS=	89.7	FOM=	0.91	TEST=	0
INDE	27	39	34	FOBS=	122.2	SIGMA=	1.4	PHAS=	-159.1	FOM=	0.83	TEST=	0
INDE	27	39	36	FOBS=	51.6	SIGMA=	3.1	PHAS=	76.7	FOM=	0.77	TEST=	0
INDE	27	39	38	FOBS=	171.9	SIGMA=	1.0	PHAS=	-174.4	FOM=	0.96	TEST=	0
INDE	27	39	40	FOBS=	26.4	SIGMA=	6.4	PHAS=	-64.2	FOM=	0.33	TEST=	0
INDE	27	39	42	FOBS=	45.7	SIGMA=	3.7	PHAS=	28.3	FOM=	0.52	TEST=	0
INDE	27	39	44	FOBS=	59.2	SIGMA=	2.8	PHAS=	-80.6	FOM=	0.06	TEST=	1
INDE	27	39	46	FOBS=	77.6	SIGMA=	2.1	PHAS=	-143.4	FOM=	0.87	TEST=	0
INDE	27	39	48	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	39	50	FOBS=	63.8	SIGMA=	2.8	PHAS=	56.7	FOM=	0.88	TEST=	0
INDE	27	39	52	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	39	54	FOBS=	39.4	SIGMA=	5.0	PHAS=	-128.1	FOM=	0.10	TEST=	1
INDE	27	39	56	FOBS=	65.2	SIGMA=	3.5	PHAS=	-99.1	FOM=	0.78	TEST=	0
INDE	27	39	58	FOBS=	70.4	SIGMA=	3.6	PHAS=	-118.3	FOM=	0.86	TEST=	0
INDE	27	39	60	FOBS=	65.3	SIGMA=	4.4	PHAS=	-94.2	FOM=	0.88	TEST=	0
INDE	27	40	27	FOBS=	100.9	SIGMA=	1.6	PHAS=	119.6	FOM=	0.77	TEST=	0
INDE	27	40	29	FOBS=	202.9	SIGMA=	1.0	PHAS=	108.1	FOM=	0.54	TEST=	1
INDE	27	40	31	FOBS=	71.5	SIGMA=	2.6	PHAS=	-151.5	FOM=	0.89	TEST=	0
INDE	27	40	33	FOBS=	118.6	SIGMA=	1.6	PHAS=	18.1	FOM=	0.84	TEST=	0
INDE	27	40	35	FOBS=	111.8	SIGMA=	1.5	PHAS=	62.0	FOM=	0.88	TEST=	0
INDE	27	40	37	FOBS=	80.8	SIGMA=	2.1	PHAS=	84.5	FOM=	0.62	TEST=	0
INDE	27	40	39	FOBS=	145.0	SIGMA=	1.2	PHAS=	83.7	FOM=	0.94	TEST=	0
INDE	27	40	41	FOBS=	57.5	SIGMA=	2.9	PHAS=	-154.7	FOM=	0.65	TEST=	0
INDE	27	40	43	FOBS=	107.2	SIGMA=	1.6	PHAS=	-14.3	FOM=	0.83	TEST=	0
INDE	27	40	45	FOBS=	37.6	SIGMA=	4.5	PHAS=	56.6	FOM=	0.74	TEST=	0
INDE	27	40	47	FOBS=	91.9	SIGMA=	2.0	PHAS=	124.3	FOM=	0.90	TEST=	0
INDE	27	40	49	FOBS=	97.8	SIGMA=	1.8	PHAS=	-57.6	FOM=	0.90	TEST=	0
INDE	27	40	51	FOBS=	92.3	SIGMA=	2.0	PHAS=	-96.5	FOM=	0.91	TEST=	0
INDE	27	40	53	FOBS=	15.4	SIGMA=	12.3	PHAS=	160.4	FOM=	0.26	TEST=	0
INDE	27	40	55	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	40	57	FOBS=	80.6	SIGMA=	2.7	PHAS=	-48.6	FOM=	0.26	TEST=	1
INDE	27	40	59	FOBS=	45.7	SIGMA=	5.6	PHAS=	143.6	FOM=	0.84	TEST=	0
INDE	27	41	28	FOBS=	65.5	SIGMA=	2.6	PHAS=	-65.7	FOM=	0.82	TEST=	0

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INDE	27	41	30	FOBS=	110.5	SIGMA=	1.7	PHAS=	38.0	FOM=	0.86	TEST=	0
INDE	27	41	32	FOBS=	94.7	SIGMA=	1.9	PHAS=	63.1	FOM=	0.92	TEST=	1
INDE	27	41	34	FOBS=	171.2	SIGMA=	1.1	PHAS=	-90.2	FOM=	0.39	TEST=	1
INDE	27	41	36	FOBS=	96.3	SIGMA=	1.7	PHAS=	-10.8	FOM=	0.90	TEST=	0
INDE	27	41	38	FOBS=	80.2	SIGMA=	2.1	PHAS=	60.1	FOM=	0.67	TEST=	0
INDE	27	41	40	FOBS=	80.4	SIGMA=	2.1	PHAS=	-6.3	FOM=	0.84	TEST=	0
INDE	27	41	42	FOBS=	63.1	SIGMA=	2.6	PHAS=	173.2	FOM=	0.80	TEST=	0
INDE	27	41	44	FOBS=	18.0	SIGMA=	9.4	PHAS=	-0.4	FOM=	0.58	TEST=	0
INDE	27	41	46	FOBS=	56.9	SIGMA=	3.1	PHAS=	51.5	FOM=	0.56	TEST=	0
INDE	27	41	48	FOBS=	25.3	SIGMA=	7.9	PHAS=	98.8	FOM=	0.45	TEST=	0
INDE	27	41	50	FOBS=	129.5	SIGMA=	1.4	PHAS=	162.3	FOM=	0.95	TEST=	0
INDE	27	41	52	FOBS=	144.3	SIGMA=	1.4	PHAS=	124.6	FOM=	0.96	TEST=	0
INDE	27	41	54	FOBS=	30.0	SIGMA=	6.3	PHAS=	105.0	FOM=	0.25	TEST=	0
INDE	27	41	56	FOBS=	38.9	SIGMA=	5.3	PHAS=	104.5	FOM=	0.08	TEST=	0
INDE	27	41	58	FOBS=	30.4	SIGMA=	7.6	PHAS=	22.1	FOM=	0.76	TEST=	0
INDE	27	41	60	FOBS=	0.0	SIGMA=	24.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	42	27	FOBS=	0.0	SIGMA=	17.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	42	29	FOBS=	70.8	SIGMA=	2.5	PHAS=	-133.6	FOM=	0.57	TEST=	0
INDE	27	42	31	FOBS=	67.5	SIGMA=	2.7	PHAS=	-92.3	FOM=	0.76	TEST=	0
INDE	27	42	33	FOBS=	55.9	SIGMA=	3.2	PHAS=	-11.0	FOM=	0.73	TEST=	0
INDE	27	42	35	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	42	37	FOBS=	61.9	SIGMA=	2.6	PHAS=	-139.8	FOM=	0.48	TEST=	0
INDE	27	42	39	FOBS=	51.8	SIGMA=	3.3	PHAS=	107.9	FOM=	0.75	TEST=	0
INDE	27	42	41	FOBS=	38.7	SIGMA=	4.2	PHAS=	145.6	FOM=	0.65	TEST=	0
INDE	27	42	43	FOBS=	98.9	SIGMA=	1.8	PHAS=	-134.7	FOM=	0.67	TEST=	0
INDE	27	42	45	FOBS=	75.4	SIGMA=	2.4	PHAS=	32.3	FOM=	0.06	TEST=	1
INDE	27	42	47	FOBS=	107.8	SIGMA=	1.7	PHAS=	85.6	FOM=	0.38	TEST=	1
INDE	27	42	49	FOBS=	23.7	SIGMA=	7.9	PHAS=	-125.8	FOM=	0.02	TEST=	1
INDE	27	42	51	FOBS=	68.7	SIGMA=	2.8	PHAS=	77.0	FOM=	0.87	TEST=	0
INDE	27	42	53	FOBS=	44.2	SIGMA=	4.3	PHAS=	-60.2	FOM=	0.78	TEST=	0
INDE	27	42	55	FOBS=	45.5	SIGMA=	4.6	PHAS=	19.7	FOM=	0.52	TEST=	0
INDE	27	42	57	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	42	59	FOBS=	58.4	SIGMA=	4.6	PHAS=	176.9	FOM=	0.85	TEST=	0
INDE	27	43	28	FOBS=	41.4	SIGMA=	3.8	PHAS=	74.6	FOM=	0.49	TEST=	0
INDE	27	43	30	FOBS=	118.8	SIGMA=	1.6	PHAS=	101.2	FOM=	0.97	TEST=	0
INDE	27	43	32	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	43	34	FOBS=	180.0	SIGMA=	1.1	PHAS=	-146.5	FOM=	0.95	TEST=	0
INDE	27	43	36	FOBS=	33.7	SIGMA=	5.3	PHAS=	-135.7	FOM=	0.80	TEST=	0
INDE	27	43	38	FOBS=	80.2	SIGMA=	2.1	PHAS=	84.3	FOM=	0.87	TEST=	0
INDE	27	43	40	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	43	42	FOBS=	33.2	SIGMA=	5.4	PHAS=	-122.5	FOM=	0.26	TEST=	0
INDE	27	43	44	FOBS=	41.0	SIGMA=	4.6	PHAS=	-1.7	FOM=	0.65	TEST=	0
INDE	27	43	46	FOBS=	60.3	SIGMA=	3.1	PHAS=	82.1	FOM=	0.84	TEST=	0
INDE	27	43	48	FOBS=	50.7	SIGMA=	3.6	PHAS=	52.7	FOM=	0.79	TEST=	0
INDE	27	43	50	FOBS=	64.2	SIGMA=	2.8	PHAS=	92.9	FOM=	0.66	TEST=	0
INDE	27	43	52	FOBS=	78.0	SIGMA=	2.5	PHAS=	137.0	FOM=	0.89	TEST=	0
INDE	27	43	54	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	43	56	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	43	58	FOBS=	57.7	SIGMA=	4.0	PHAS=	58.0	FOM=	0.88	TEST=	0
INDE	27	44	27	FOBS=	66.7	SIGMA=	2.4	PHAS=	63.1	FOM=	0.23	TEST=	0
INDE	27	44	29	FOBS=	140.5	SIGMA=	1.3	PHAS=	6.4	FOM=	0.95	TEST=	0
INDE	27	44	31	FOBS=	127.9	SIGMA=	1.5	PHAS=	-37.7	FOM=	0.94	TEST=	0
INDE	27	44	33	FOBS=	88.5	SIGMA=	2.1	PHAS=	139.0	FOM=	0.66	TEST=	0
INDE	27	44	35	FOBS=	125.2	SIGMA=	1.5	PHAS=	111.5	FOM=	0.94	TEST=	0
INDE	27	44	37	FOBS=	24.1	SIGMA=	7.4	PHAS=	101.9	FOM=	0.50	TEST=	0
INDE	27	44	39	FOBS=	0.0	SIGMA=	18.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	27	44	41	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	44	43	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	44	45	FOBS=	82.3	SIGMA=	2.2	PHAS=	-9.7	FOM=	0.90	TEST=	0
INDE	27	44	47	FOBS=	82.4	SIGMA=	2.2	PHAS=	20.8	FOM=	0.93	TEST=	0
INDE	27	44	49	FOBS=	60.8	SIGMA=	3.0	PHAS=	-114.4	FOM=	0.39	TEST=	0
INDE	27	44	51	FOBS=	50.8	SIGMA=	3.8	PHAS=	60.3	FOM=	0.66	TEST=	0
INDE	27	44	53	FOBS=	49.8	SIGMA=	4.1	PHAS=	-37.8	FOM=	0.64	TEST=	0
INDE	27	44	55	FOBS=	40.1	SIGMA=	4.8	PHAS=	-8.6	FOM=	0.80	TEST=	0
INDE	27	44	57	FOBS=	78.8	SIGMA=	2.7	PHAS=	-88.8	FOM=	0.91	TEST=	0
INDE	27	45	28	FOBS=	116.6	SIGMA=	1.4	PHAS=	-119.8	FOM=	0.83	TEST=	0
INDE	27	45	30	FOBS=	129.8	SIGMA=	1.4	PHAS=	158.8	FOM=	0.92	TEST=	0
INDE	27	45	32	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	45	34	FOBS=	62.9	SIGMA=	2.9	PHAS=	-11.6	FOM=	0.72	TEST=	0
INDE	27	45	36	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	1

INDE	27	45	38	FOBS=	38.8	SIGMA=	4.2	PHAS=	-158.6	FOM=	0.58	TEST=	0
INDE	27	45	40	FOBS=	141.7	SIGMA=	1.4	PHAS=	-145.8	FOM=	0.96	TEST=	0
INDE	27	45	42	FOBS=	31.3	SIGMA=	5.7	PHAS=	-120.2	FOM=	0.43	TEST=	0
INDE	27	45	44	FOBS=	21.6	SIGMA=	9.9	PHAS=	-55.8	FOM=	0.13	TEST=	0
INDE	27	45	46	FOBS=	90.2	SIGMA=	2.1	PHAS=	-78.0	FOM=	0.86	TEST=	0
INDE	27	45	48	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	45	50	FOBS=	72.1	SIGMA=	2.6	PHAS=	157.0	FOM=	0.87	TEST=	0
INDE	27	45	52	FOBS=	31.6	SIGMA=	6.5	PHAS=	167.6	FOM=	0.61	TEST=	0
INDE	27	45	54	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	45	56	FOBS=	36.4	SIGMA=	5.8	PHAS=	-163.8	FOM=	0.62	TEST=	0
INDE	27	46	27	FOBS=	45.6	SIGMA=	4.2	PHAS=	-135.6	FOM=	0.24	TEST=	0
INDE	27	46	29	FOBS=	21.4	SIGMA=	8.1	PHAS=	30.2	FOM=	0.31	TEST=	1
INDE	27	46	31	FOBS=	129.0	SIGMA=	1.4	PHAS=	31.9	FOM=	0.96	TEST=	0
INDE	27	46	33	FOBS=	30.3	SIGMA=	6.2	PHAS=	6.1	FOM=	0.76	TEST=	0
INDE	27	46	35	FOBS=	46.5	SIGMA=	4.2	PHAS=	145.3	FOM=	0.14	TEST=	0
INDE	27	46	37	FOBS=	107.2	SIGMA=	1.9	PHAS=	138.9	FOM=	0.94	TEST=	0
INDE	27	46	39	FOBS=	189.2	SIGMA=	1.1	PHAS=	144.0	FOM=	0.98	TEST=	0
INDE	27	46	41	FOBS=	136.2	SIGMA=	1.4	PHAS=	59.6	FOM=	0.96	TEST=	0
INDE	27	46	43	FOBS=	30.4	SIGMA=	6.3	PHAS=	175.8	FOM=	0.22	TEST=	0
INDE	27	46	45	FOBS=	48.1	SIGMA=	4.0	PHAS=	-25.1	FOM=	0.61	TEST=	0
INDE	27	46	47	FOBS=	92.1	SIGMA=	2.0	PHAS=	33.3	FOM=	0.78	TEST=	0
INDE	27	46	49	FOBS=	32.5	SIGMA=	6.3	PHAS=	29.1	FOM=	0.40	TEST=	0
INDE	27	46	51	FOBS=	88.2	SIGMA=	2.3	PHAS=	41.6	FOM=	0.94	TEST=	0
INDE	27	46	53	FOBS=	69.3	SIGMA=	2.9	PHAS=	-36.2	FOM=	0.83	TEST=	0
INDE	27	46	55	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	47	28	FOBS=	93.6	SIGMA=	1.9	PHAS=	-159.6	FOM=	0.94	TEST=	0
INDE	27	47	30	FOBS=	40.4	SIGMA=	4.4	PHAS=	-65.4	FOM=	0.27	TEST=	0
INDE	27	47	32	FOBS=	130.9	SIGMA=	1.4	PHAS=	-11.7	FOM=	0.96	TEST=	0
INDE	27	47	34	FOBS=	31.7	SIGMA=	5.9	PHAS=	-69.4	FOM=	0.42	TEST=	0
INDE	27	47	36	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	27	47	38	FOBS=	117.6	SIGMA=	1.8	PHAS=	59.7	FOM=	0.92	TEST=	0
INDE	27	47	40	FOBS=	66.1	SIGMA=	3.1	PHAS=	-27.9	FOM=	0.09	TEST=	1
INDE	27	47	42	FOBS=	65.7	SIGMA=	2.8	PHAS=	-72.1	FOM=	0.51	TEST=	1
INDE	27	47	44	FOBS=	2.4	SIGMA=	84.7	PHAS=	25.4	FOM=	0.00	TEST=	0
INDE	27	47	46	FOBS=	180.6	SIGMA=	1.1	PHAS=	-83.8	FOM=	0.97	TEST=	0
INDE	27	47	48	FOBS=	55.4	SIGMA=	3.4	PHAS=	-90.3	FOM=	0.72	TEST=	0
INDE	27	47	50	FOBS=	44.6	SIGMA=	4.5	PHAS=	-139.7	FOM=	0.70	TEST=	0
INDE	27	47	52	FOBS=	16.8	SIGMA=	13.4	PHAS=	116.6	FOM=	0.24	TEST=	0
INDE	27	47	54	FOBS=	14.6	SIGMA=	15.5	PHAS=	110.4	FOM=	0.21	TEST=	0
INDE	27	48	27	FOBS=	127.1	SIGMA=	1.4	PHAS=	25.3	FOM=	0.95	TEST=	0
INDE	27	48	29	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	48	31	FOBS=	45.4	SIGMA=	3.9	PHAS=	-135.4	FOM=	0.77	TEST=	0
INDE	27	48	33	FOBS=	118.2	SIGMA=	1.7	PHAS=	-21.9	FOM=	0.86	TEST=	0
INDE	27	48	35	FOBS=	108.2	SIGMA=	1.9	PHAS=	36.2	FOM=	0.92	TEST=	0
INDE	27	48	37	FOBS=	92.3	SIGMA=	2.2	PHAS=	-165.8	FOM=	0.86	TEST=	0
INDE	27	48	39	FOBS=	79.8	SIGMA=	2.4	PHAS=	173.9	FOM=	0.87	TEST=	0
INDE	27	48	41	FOBS=	73.2	SIGMA=	2.5	PHAS=	54.6	FOM=	0.09	TEST=	1
INDE	27	48	43	FOBS=	82.9	SIGMA=	2.3	PHAS=	117.8	FOM=	0.76	TEST=	0
INDE	27	48	45	FOBS=	86.9	SIGMA=	2.2	PHAS=	-175.8	FOM=	0.92	TEST=	0
INDE	27	48	47	FOBS=	51.5	SIGMA=	3.6	PHAS=	-153.9	FOM=	0.86	TEST=	0
INDE	27	48	49	FOBS=	88.9	SIGMA=	2.2	PHAS=	179.5	FOM=	0.87	TEST=	0
INDE	27	48	51	FOBS=	72.4	SIGMA=	2.8	PHAS=	24.6	FOM=	0.86	TEST=	0
INDE	27	48	53	FOBS=	59.2	SIGMA=	3.7	PHAS=	-29.2	FOM=	0.90	TEST=	0
INDE	27	49	28	FOBS=	27.4	SIGMA=	6.8	PHAS=	-144.0	FOM=	0.63	TEST=	1
INDE	27	49	30	FOBS=	65.8	SIGMA=	2.7	PHAS=	89.8	FOM=	0.46	TEST=	1
INDE	27	49	32	FOBS=	68.0	SIGMA=	3.2	PHAS=	-50.1	FOM=	0.86	TEST=	0
INDE	27	49	34	FOBS=	127.8	SIGMA=	1.6	PHAS=	-70.0	FOM=	0.94	TEST=	0
INDE	27	49	36	FOBS=	107.8	SIGMA=	1.9	PHAS=	14.9	FOM=	0.31	TEST=	1
INDE	27	49	38	FOBS=	94.7	SIGMA=	2.2	PHAS=	147.9	FOM=	0.89	TEST=	0
INDE	27	49	40	FOBS=	61.5	SIGMA=	3.0	PHAS=	61.2	FOM=	0.81	TEST=	0
INDE	27	49	42	FOBS=	48.2	SIGMA=	3.8	PHAS=	7.2	FOM=	0.64	TEST=	0
INDE	27	49	44	FOBS=	94.3	SIGMA=	2.0	PHAS=	83.0	FOM=	0.90	TEST=	0
INDE	27	49	46	FOBS=	82.0	SIGMA=	2.3	PHAS=	-114.5	FOM=	0.94	TEST=	0
INDE	27	49	48	FOBS=	86.3	SIGMA=	2.5	PHAS=	150.3	FOM=	0.94	TEST=	0
INDE	27	49	50	FOBS=	78.7	SIGMA=	2.8	PHAS=	95.1	FOM=	0.85	TEST=	0
INDE	27	49	52	FOBS=	34.3	SIGMA=	6.8	PHAS=	-171.3	FOM=	0.69	TEST=	0
INDE	27	49	54	FOBS=	14.0	SIGMA=	26.5	PHAS=	-44.4	FOM=	0.14	TEST=	0
INDE	27	50	27	FOBS=	58.2	SIGMA=	2.9	PHAS=	34.2	FOM=	0.77	TEST=	0
INDE	27	50	29	FOBS=	30.0	SIGMA=	6.8	PHAS=	-54.2	FOM=	0.15	TEST=	0
INDE	27	50	31	FOBS=	138.6	SIGMA=	1.5	PHAS=	-107.6	FOM=	0.93	TEST=	0

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INDE	27	50	33	FOBS=	37.3	SIGMA=	5.3	PHAS=	170.7	FOM=	0.63	TEST=	0
INDE	27	50	35	FOBS=	78.9	SIGMA=	2.6	PHAS=	-36.0	FOM=	0.60	TEST=	0
INDE	27	50	37	FOBS=	77.2	SIGMA=	2.7	PHAS=	83.1	FOM=	0.82	TEST=	0
INDE	27	50	39	FOBS=	134.7	SIGMA=	1.6	PHAS=	29.6	FOM=	0.16	TEST=	1
INDE	27	50	41	FOBS=	52.6	SIGMA=	3.9	PHAS=	98.8	FOM=	0.39	TEST=	0
INDE	27	50	43	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	50	45	FOBS=	69.1	SIGMA=	2.9	PHAS=	103.6	FOM=	0.84	TEST=	0
INDE	27	50	47	FOBS=	37.1	SIGMA=	6.1	PHAS=	-127.0	FOM=	0.26	TEST=	1
INDE	27	50	49	FOBS=	87.0	SIGMA=	2.8	PHAS=	24.0	FOM=	0.93	TEST=	0
INDE	27	50	51	FOBS=	37.2	SIGMA=	7.5	PHAS=	26.8	FOM=	0.74	TEST=	0
INDE	27	50	53	FOBS=	97.6	SIGMA=	3.4	PHAS=	-18.9	FOM=	0.89	TEST=	0
INDE	27	51	28	FOBS=	82.3	SIGMA=	2.3	PHAS=	-153.3	FOM=	0.88	TEST=	0
INDE	27	51	30	FOBS=	95.9	SIGMA=	2.2	PHAS=	-175.1	FOM=	0.90	TEST=	0
INDE	27	51	32	FOBS=	37.2	SIGMA=	5.6	PHAS=	-108.4	FOM=	0.47	TEST=	0
INDE	27	51	34	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	27	51	36	FOBS=	26.2	SIGMA=	8.1	PHAS=	-40.5	FOM=	0.28	TEST=	0
INDE	27	51	38	FOBS=	61.9	SIGMA=	3.5	PHAS=	-24.5	FOM=	0.62	TEST=	0
INDE	27	51	40	FOBS=	48.6	SIGMA=	4.5	PHAS=	81.2	FOM=	0.02	TEST=	0
INDE	27	51	42	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	51	44	FOBS=	97.8	SIGMA=	2.2	PHAS=	114.9	FOM=	0.83	TEST=	0
INDE	27	51	46	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	51	48	FOBS=	52.4	SIGMA=	4.2	PHAS=	-99.9	FOM=	0.81	TEST=	0
INDE	27	51	50	FOBS=	25.9	SIGMA=	10.6	PHAS=	-90.7	FOM=	0.54	TEST=	0
INDE	27	51	52	FOBS=	39.9	SIGMA=	7.4	PHAS=	-127.1	FOM=	0.50	TEST=	0
INDE	27	52	27	FOBS=	38.0	SIGMA=	4.9	PHAS=	174.3	FOM=	0.80	TEST=	0
INDE	27	52	29	FOBS=	83.6	SIGMA=	2.3	PHAS=	86.8	FOM=	0.86	TEST=	0
INDE	27	52	31	FOBS=	64.3	SIGMA=	3.1	PHAS=	-27.9	FOM=	0.59	TEST=	0
INDE	27	52	33	FOBS=	109.3	SIGMA=	1.9	PHAS=	101.2	FOM=	0.91	TEST=	0
INDE	27	52	35	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	52	37	FOBS=	45.2	SIGMA=	5.2	PHAS=	42.7	FOM=	0.29	TEST=	0
INDE	27	52	39	FOBS=	28.2	SIGMA=	8.5	PHAS=	-38.9	FOM=	0.44	TEST=	0
INDE	27	52	41	FOBS=	13.6	SIGMA=	17.7	PHAS=	-10.8	FOM=	0.20	TEST=	0
INDE	27	52	43	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	52	45	FOBS=	6.5	SIGMA=	32.6	PHAS=	145.9	FOM=	0.10	TEST=	0
INDE	27	52	47	FOBS=	50.8	SIGMA=	4.7	PHAS=	-29.3	FOM=	0.65	TEST=	0
INDE	27	52	49	FOBS=	61.3	SIGMA=	4.0	PHAS=	122.5	FOM=	0.85	TEST=	0
INDE	27	52	51	FOBS=	76.9	SIGMA=	3.9	PHAS=	56.0	FOM=	0.13	TEST=	0
INDE	27	53	28	FOBS=	150.6	SIGMA=	1.3	PHAS=	-82.8	FOM=	0.95	TEST=	0
INDE	27	53	30	FOBS=	36.8	SIGMA=	5.9	PHAS=	-159.9	FOM=	0.63	TEST=	0
INDE	27	53	32	FOBS=	36.4	SIGMA=	6.2	PHAS=	-48.1	FOM=	0.62	TEST=	0
INDE	27	53	34	FOBS=	56.8	SIGMA=	4.0	PHAS=	20.4	FOM=	0.80	TEST=	0
INDE	27	53	36	FOBS=	7.1	SIGMA=	32.7	PHAS=	-175.7	FOM=	0.14	TEST=	0
INDE	27	53	38	FOBS=	19.7	SIGMA=	12.0	PHAS=	-20.3	FOM=	0.33	TEST=	0
INDE	27	53	40	FOBS=	107.6	SIGMA=	2.3	PHAS=	-146.7	FOM=	0.92	TEST=	0
INDE	27	53	42	FOBS=	16.8	SIGMA=	14.8	PHAS=	102.9	FOM=	0.06	TEST=	0
INDE	27	53	44	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	53	46	FOBS=	12.6	SIGMA=	17.3	PHAS=	164.8	FOM=	0.16	TEST=	0
INDE	27	53	48	FOBS=	17.5	SIGMA=	16.3	PHAS=	-73.2	FOM=	0.44	TEST=	0
INDE	27	53	50	FOBS=	62.3	SIGMA=	6.5	PHAS=	-89.1	FOM=	0.39	TEST=	0
INDE	27	54	27	FOBS=	94.7	SIGMA=	2.3	PHAS=	101.4	FOM=	0.78	TEST=	1
INDE	27	54	29	FOBS=	147.2	SIGMA=	1.6	PHAS=	152.7	FOM=	0.97	TEST=	0
INDE	27	54	31	FOBS=	14.1	SIGMA=	22.1	PHAS=	64.0	FOM=	0.22	TEST=	0
INDE	27	54	33	FOBS=	29.7	SIGMA=	10.4	PHAS=	-128.4	FOM=	0.11	TEST=	0
INDE	27	54	35	FOBS=	49.6	SIGMA=	4.7	PHAS=	30.6	FOM=	0.62	TEST=	0
INDE	27	54	37	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	54	39	FOBS=	62.3	SIGMA=	3.9	PHAS=	24.6	FOM=	0.82	TEST=	0
INDE	27	54	41	FOBS=	58.7	SIGMA=	4.2	PHAS=	117.5	FOM=	0.76	TEST=	0
INDE	27	54	43	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	54	45	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	54	47	FOBS=	45.0	SIGMA=	6.6	PHAS=	77.9	FOM=	0.52	TEST=	0
INDE	27	54	49	FOBS=	59.6	SIGMA=	8.0	PHAS=	113.4	FOM=	0.76	TEST=	0
INDE	27	55	28	FOBS=	57.9	SIGMA=	4.1	PHAS=	14.4	FOM=	0.93	TEST=	0
INDE	27	55	30	FOBS=	116.6	SIGMA=	2.1	PHAS=	77.1	FOM=	0.94	TEST=	0
INDE	27	55	32	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	55	34	FOBS=	13.0	SIGMA=	21.0	PHAS=	50.3	FOM=	0.18	TEST=	0
INDE	27	55	36	FOBS=	27.3	SIGMA=	9.4	PHAS=	-151.7	FOM=	0.50	TEST=	0
INDE	27	55	38	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	55	40	FOBS=	32.5	SIGMA=	7.5	PHAS=	140.2	FOM=	0.43	TEST=	0
INDE	27	55	42	FOBS=	45.6	SIGMA=	6.1	PHAS=	-13.3	FOM=	0.77	TEST=	0
INDE	27	55	44	FOBS=	10.0	SIGMA=	32.3	PHAS=	-69.4	FOM=	0.01	TEST=	1

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INDE	27	55	46	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	56	27	FOBS=	65.5	SIGMA=	3.3	PHAS=	-92.4	FOM=	0.49	TEST=	0
INDE	27	56	29	FOBS=	87.6	SIGMA=	2.8	PHAS=	-135.7	FOM=	0.89	TEST=	0
INDE	27	56	31	FOBS=	64.8	SIGMA=	4.3	PHAS=	29.2	FOM=	0.86	TEST=	0
INDE	27	56	33	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	56	35	FOBS=	62.2	SIGMA=	3.8	PHAS=	58.7	FOM=	0.69	TEST=	0
INDE	27	56	37	FOBS=	38.9	SIGMA=	7.6	PHAS=	168.9	FOM=	0.42	TEST=	0
INDE	27	56	39	FOBS=	0.0	SIGMA=	24.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	27	56	41	FOBS=	50.4	SIGMA=	6.3	PHAS=	51.9	FOM=	0.72	TEST=	0
INDE	27	56	43	FOBS=	120.6	SIGMA=	2.5	PHAS=	-127.1	FOM=	0.93	TEST=	0
INDE	27	56	45	FOBS=	7.0	SIGMA=	37.8	PHAS=	-59.1	FOM=	0.05	TEST=	0
INDE	27	57	28	FOBS=	103.4	SIGMA=	2.2	PHAS=	111.8	FOM=	0.75	TEST=	1
INDE	27	57	30	FOBS=	61.6	SIGMA=	3.9	PHAS=	54.1	FOM=	0.42	TEST=	1
INDE	27	57	32	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	57	34	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	57	36	FOBS=	53.2	SIGMA=	5.5	PHAS=	-170.7	FOM=	0.73	TEST=	0
INDE	27	57	38	FOBS=	0.0	SIGMA=	26.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	57	40	FOBS=	76.8	SIGMA=	4.2	PHAS=	12.3	FOM=	0.88	TEST=	0
INDE	27	57	42	FOBS=	36.3	SIGMA=	10.5	PHAS=	-25.5	FOM=	0.73	TEST=	0
INDE	27	57	44	FOBS=	38.9	SIGMA=	6.9	PHAS=	-138.7	FOM=	0.82	TEST=	0
INDE	27	58	27	FOBS=	107.9	SIGMA=	2.1	PHAS=	1.1	FOM=	0.94	TEST=	0
INDE	27	58	29	FOBS=	120.4	SIGMA=	2.1	PHAS=	20.2	FOM=	0.13	TEST=	1
INDE	27	58	31	FOBS=	46.7	SIGMA=	6.5	PHAS=	28.7	FOM=	0.77	TEST=	0
INDE	27	58	33	FOBS=	79.8	SIGMA=	5.1	PHAS=	67.0	FOM=	0.83	TEST=	0
INDE	27	58	35	FOBS=	97.6	SIGMA=	3.0	PHAS=	56.2	FOM=	0.63	TEST=	1
INDE	27	58	37	FOBS=	44.7	SIGMA=	6.7	PHAS=	-171.1	FOM=	0.63	TEST=	0
INDE	27	58	39	FOBS=	127.6	SIGMA=	2.5	PHAS=	-87.0	FOM=	0.96	TEST=	0
INDE	27	58	41	FOBS=	59.2	SIGMA=	6.5	PHAS=	-14.7	FOM=	0.17	TEST=	1
INDE	27	58	43	FOBS=	78.2	SIGMA=	4.3	PHAS=	-173.6	FOM=	0.92	TEST=	0
INDE	27	59	28	FOBS=	54.5	SIGMA=	4.4	PHAS=	-146.5	FOM=	0.70	TEST=	0
INDE	27	59	30	FOBS=	73.2	SIGMA=	3.8	PHAS=	12.7	FOM=	0.80	TEST=	0
INDE	27	59	32	FOBS=	104.9	SIGMA=	3.9	PHAS=	10.2	FOM=	0.92	TEST=	0
INDE	27	59	34	FOBS=	38.9	SIGMA=	8.6	PHAS=	-18.6	FOM=	0.66	TEST=	0
INDE	27	59	36	FOBS=	0.0	SIGMA=	24.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	59	38	FOBS=	61.2	SIGMA=	5.0	PHAS=	160.7	FOM=	0.76	TEST=	0
INDE	27	59	40	FOBS=	63.1	SIGMA=	5.1	PHAS=	-176.4	FOM=	0.68	TEST=	0
INDE	27	59	42	FOBS=	26.9	SIGMA=	18.6	PHAS=	133.9	FOM=	0.02	TEST=	1
INDE	27	60	27	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	60	29	FOBS=	115.7	SIGMA=	2.2	PHAS=	173.7	FOM=	0.19	TEST=	1
INDE	27	60	31	FOBS=	120.9	SIGMA=	2.4	PHAS=	-132.5	FOM=	0.95	TEST=	0
INDE	27	60	33	FOBS=	91.9	SIGMA=	4.5	PHAS=	-34.4	FOM=	0.95	TEST=	0
INDE	27	60	35	FOBS=	0.0	SIGMA=	24.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	60	37	FOBS=	46.0	SIGMA=	6.6	PHAS=	-11.4	FOM=	0.15	TEST=	1
INDE	27	60	39	FOBS=	55.1	SIGMA=	5.7	PHAS=	-128.7	FOM=	0.01	TEST=	1
INDE	27	60	41	FOBS=	0.0	SIGMA=	28.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	61	28	FOBS=	52.9	SIGMA=	4.4	PHAS=	160.5	FOM=	0.69	TEST=	0
INDE	27	61	30	FOBS=	113.3	SIGMA=	2.2	PHAS=	137.6	FOM=	0.91	TEST=	0
INDE	27	61	32	FOBS=	22.2	SIGMA=	12.4	PHAS=	174.5	FOM=	0.37	TEST=	0
INDE	27	61	34	FOBS=	70.8	SIGMA=	5.9	PHAS=	-139.5	FOM=	0.89	TEST=	0
INDE	27	61	36	FOBS=	27.5	SIGMA=	12.4	PHAS=	-44.0	FOM=	0.41	TEST=	0
INDE	27	61	38	FOBS=	42.1	SIGMA=	8.3	PHAS=	33.3	FOM=	0.61	TEST=	0
INDE	27	62	27	FOBS=	0.0	SIGMA=	27.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	27	62	29	FOBS=	85.9	SIGMA=	2.9	PHAS=	49.8	FOM=	0.90	TEST=	0
INDE	27	62	31	FOBS=	49.1	SIGMA=	5.5	PHAS=	-13.6	FOM=	0.56	TEST=	0
INDE	27	62	33	FOBS=	0.0	SIGMA=	28.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	62	35	FOBS=	23.9	SIGMA=	17.8	PHAS=	-74.5	FOM=	0.49	TEST=	0
INDE	27	62	37	FOBS=	70.7	SIGMA=	4.4	PHAS=	-92.0	FOM=	0.86	TEST=	0
INDE	27	63	28	FOBS=	72.4	SIGMA=	4.3	PHAS=	-34.6	FOM=	0.38	TEST=	1
INDE	27	63	30	FOBS=	72.6	SIGMA=	3.4	PHAS=	-103.6	FOM=	0.86	TEST=	0
INDE	27	63	32	FOBS=	66.5	SIGMA=	3.8	PHAS=	-106.3	FOM=	0.83	TEST=	0
INDE	27	63	34	FOBS=	44.7	SIGMA=	7.9	PHAS=	-91.9	FOM=	0.81	TEST=	0
INDE	27	63	36	FOBS=	46.6	SIGMA=	6.6	PHAS=	-160.8	FOM=	0.05	TEST=	1
INDE	27	64	27	FOBS=	7.2	SIGMA=	42.8	PHAS=	10.5	FOM=	0.12	TEST=	0
INDE	27	64	29	FOBS=	42.8	SIGMA=	6.5	PHAS=	156.8	FOM=	0.85	TEST=	0
INDE	27	64	31	FOBS=	37.5	SIGMA=	6.7	PHAS=	138.9	FOM=	0.79	TEST=	0
INDE	27	64	33	FOBS=	110.2	SIGMA=	2.7	PHAS=	-175.2	FOM=	0.95	TEST=	0
INDE	27	65	28	FOBS=	57.6	SIGMA=	6.8	PHAS=	149.0	FOM=	0.04	TEST=	1
INDE	27	65	30	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	65	32	FOBS=	54.3	SIGMA=	5.4	PHAS=	40.8	FOM=	0.81	TEST=	0
INDE	27	66	27	FOBS=	43.6	SIGMA=	11.7	PHAS=	-121.3	FOM=	0.68	TEST=	0

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INDE	27	66	29	FOBS=	0.0	SIGMA=	32.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	66	31	FOBS=	0.0	SIGMA=	33.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	27	67	28	FOBS=	58.0	SIGMA=	8.9	PHAS=	116.5	FOM=	0.56	TEST=	0
INDE	28	28	28	FOBS=	294.0	SIGMA=	1.2	PHAS=	-69.2	FOM=	0.93	TEST=	0
INDE	28	29	29	FOBS=	384.4	SIGMA=	0.7	PHAS=	-149.5	FOM=	0.99	TEST=	0
INDE	28	29	31	FOBS=	131.5	SIGMA=	1.5	PHAS=	-113.7	FOM=	0.82	TEST=	0
INDE	28	29	33	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	29	35	FOBS=	18.8	SIGMA=	10.9	PHAS=	166.6	FOM=	0.33	TEST=	0
INDE	28	29	37	FOBS=	85.4	SIGMA=	2.3	PHAS=	-47.6	FOM=	0.92	TEST=	0
INDE	28	29	39	FOBS=	78.2	SIGMA=	2.1	PHAS=	82.9	FOM=	0.79	TEST=	0
INDE	28	29	41	FOBS=	105.5	SIGMA=	1.6	PHAS=	174.1	FOM=	0.94	TEST=	0
INDE	28	29	43	FOBS=	36.8	SIGMA=	4.5	PHAS=	129.2	FOM=	0.29	TEST=	0
INDE	28	29	45	FOBS=	108.7	SIGMA=	1.5	PHAS=	-76.5	FOM=	0.83	TEST=	0
INDE	28	29	47	FOBS=	38.2	SIGMA=	4.1	PHAS=	-75.9	FOM=	0.19	TEST=	0
INDE	28	29	49	FOBS=	50.8	SIGMA=	3.4	PHAS=	13.1	FOM=	0.79	TEST=	0
INDE	28	29	51	FOBS=	50.5	SIGMA=	3.8	PHAS=	-128.1	FOM=	0.53	TEST=	0
INDE	28	29	53	FOBS=	64.0	SIGMA=	3.0	PHAS=	-35.9	FOM=	0.89	TEST=	0
INDE	28	29	55	FOBS=	8.3	SIGMA=	28.6	PHAS=	70.4	FOM=	0.00	TEST=	1
INDE	28	29	57	FOBS=	20.1	SIGMA=	18.8	PHAS=	-89.1	FOM=	0.12	TEST=	1
INDE	28	29	59	FOBS=	108.2	SIGMA=	2.3	PHAS=	-88.2	FOM=	0.92	TEST=	0
INDE	28	29	61	FOBS=	15.3	SIGMA=	24.9	PHAS=	162.4	FOM=	0.25	TEST=	0
INDE	28	29	63	FOBS=	22.1	SIGMA=	17.9	PHAS=	-114.3	FOM=	0.30	TEST=	0
INDE	28	29	65	FOBS=	0.0	SIGMA=	33.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	30	28	FOBS=	125.1	SIGMA=	1.6	PHAS=	78.4	FOM=	0.39	TEST=	0
INDE	28	30	30	FOBS=	271.0	SIGMA=	0.8	PHAS=	131.9	FOM=	0.96	TEST=	0
INDE	28	30	32	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	30	34	FOBS=	132.7	SIGMA=	1.5	PHAS=	71.0	FOM=	0.80	TEST=	0
INDE	28	30	36	FOBS=	122.7	SIGMA=	1.6	PHAS=	97.3	FOM=	0.93	TEST=	0
INDE	28	30	38	FOBS=	173.4	SIGMA=	1.1	PHAS=	-70.9	FOM=	0.94	TEST=	0
INDE	28	30	40	FOBS=	44.4	SIGMA=	4.1	PHAS=	-138.0	FOM=	0.70	TEST=	0
INDE	28	30	42	FOBS=	72.9	SIGMA=	2.3	PHAS=	27.0	FOM=	0.62	TEST=	0
INDE	28	30	44	FOBS=	86.3	SIGMA=	1.9	PHAS=	-126.7	FOM=	0.86	TEST=	0
INDE	28	30	46	FOBS=	96.7	SIGMA=	1.7	PHAS=	-159.1	FOM=	0.90	TEST=	0
INDE	28	30	48	FOBS=	98.6	SIGMA=	1.6	PHAS=	174.7	FOM=	0.92	TEST=	0
INDE	28	30	50	FOBS=	51.8	SIGMA=	3.3	PHAS=	-145.3	FOM=	0.05	TEST=	1
INDE	28	30	52	FOBS=	122.8	SIGMA=	1.5	PHAS=	-147.8	FOM=	0.94	TEST=	0
INDE	28	30	54	FOBS=	48.8	SIGMA=	4.2	PHAS=	-118.5	FOM=	0.83	TEST=	0
INDE	28	30	56	FOBS=	19.2	SIGMA=	14.1	PHAS=	-178.9	FOM=	0.37	TEST=	0
INDE	28	30	58	FOBS=	52.4	SIGMA=	5.3	PHAS=	5.0	FOM=	0.44	TEST=	0
INDE	28	30	60	FOBS=	37.0	SIGMA=	8.6	PHAS=	31.6	FOM=	0.16	TEST=	1
INDE	28	30	62	FOBS=	0.0	SIGMA=	28.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	30	64	FOBS=	42.0	SIGMA=	12.8	PHAS=	7.1	FOM=	0.04	TEST=	1
INDE	28	30	66	FOBS=	0.0	SIGMA=	33.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	31	29	FOBS=	57.3	SIGMA=	3.7	PHAS=	-178.8	FOM=	0.77	TEST=	0
INDE	28	31	31	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	31	33	FOBS=	196.1	SIGMA=	1.1	PHAS=	-31.0	FOM=	0.50	TEST=	1
INDE	28	31	35	FOBS=	201.7	SIGMA=	1.0	PHAS=	-8.4	FOM=	0.94	TEST=	0
INDE	28	31	37	FOBS=	108.5	SIGMA=	1.8	PHAS=	-49.0	FOM=	0.50	TEST=	1
INDE	28	31	39	FOBS=	76.5	SIGMA=	2.5	PHAS=	162.9	FOM=	0.51	TEST=	0
INDE	28	31	41	FOBS=	215.8	SIGMA=	1.0	PHAS=	153.2	FOM=	0.96	TEST=	0
INDE	28	31	43	FOBS=	162.9	SIGMA=	1.1	PHAS=	165.6	FOM=	0.95	TEST=	0
INDE	28	31	45	FOBS=	120.0	SIGMA=	1.5	PHAS=	178.3	FOM=	0.92	TEST=	0
INDE	28	31	47	FOBS=	143.2	SIGMA=	1.2	PHAS=	84.1	FOM=	0.96	TEST=	0
INDE	28	31	49	FOBS=	0.0	SIGMA=	18.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	31	51	FOBS=	85.4	SIGMA=	2.0	PHAS=	-178.0	FOM=	0.90	TEST=	0
INDE	28	31	53	FOBS=	38.6	SIGMA=	4.9	PHAS=	-90.5	FOM=	0.08	TEST=	1
INDE	28	31	55	FOBS=	17.4	SIGMA=	13.7	PHAS=	-110.1	FOM=	0.03	TEST=	1
INDE	28	31	57	FOBS=	52.1	SIGMA=	4.7	PHAS=	-53.6	FOM=	0.65	TEST=	0
INDE	28	31	59	FOBS=	26.4	SIGMA=	12.1	PHAS=	-168.6	FOM=	0.39	TEST=	0
INDE	28	31	61	FOBS=	0.0	SIGMA=	27.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	31	63	FOBS=	39.6	SIGMA=	9.7	PHAS=	-11.4	FOM=	0.52	TEST=	0
INDE	28	31	65	FOBS=	30.4	SIGMA=	18.0	PHAS=	-171.0	FOM=	0.38	TEST=	0
INDE	28	32	28	FOBS=	34.5	SIGMA=	5.7	PHAS=	22.9	FOM=	0.49	TEST=	0
INDE	28	32	30	FOBS=	137.1	SIGMA=	1.5	PHAS=	13.7	FOM=	0.84	TEST=	0
INDE	28	32	32	FOBS=	268.2	SIGMA=	0.8	PHAS=	-141.4	FOM=	0.98	TEST=	0
INDE	28	32	34	FOBS=	103.2	SIGMA=	1.9	PHAS=	-146.4	FOM=	0.79	TEST=	0
INDE	28	32	36	FOBS=	117.1	SIGMA=	1.6	PHAS=	-116.0	FOM=	0.87	TEST=	0
INDE	28	32	38	FOBS=	76.3	SIGMA=	2.5	PHAS=	-113.7	FOM=	0.88	TEST=	0
INDE	28	32	40	FOBS=	71.8	SIGMA=	2.6	PHAS=	52.0	FOM=	0.81	TEST=	0
INDE	28	32	42	FOBS=	315.0	SIGMA=	0.8	PHAS=	54.1	FOM=	0.84	TEST=	1

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INDE	28	32	44	FOBS=	134.6	SIGMA=	1.3	PHAS=	61.5	FOM=	0.88	TEST=	0
INDE	28	32	46	FOBS=	56.9	SIGMA=	2.9	PHAS=	111.5	FOM=	0.32	TEST=	1
INDE	28	32	48	FOBS=	36.4	SIGMA=	4.5	PHAS=	-35.6	FOM=	0.19	TEST=	1
INDE	28	32	50	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	32	52	FOBS=	66.4	SIGMA=	2.9	PHAS=	132.2	FOM=	0.77	TEST=	0
INDE	28	32	54	FOBS=	35.6	SIGMA=	6.8	PHAS=	43.3	FOM=	0.21	TEST=	0
INDE	28	32	56	FOBS=	43.4	SIGMA=	4.7	PHAS=	83.9	FOM=	0.69	TEST=	0
INDE	28	32	58	FOBS=	90.0	SIGMA=	3.7	PHAS=	-100.3	FOM=	0.76	TEST=	0
INDE	28	32	60	FOBS=	43.8	SIGMA=	9.2	PHAS=	-64.0	FOM=	0.42	TEST=	0
INDE	28	32	62	FOBS=	19.1	SIGMA=	16.9	PHAS=	-43.6	FOM=	0.23	TEST=	0
INDE	28	32	64	FOBS=	34.1	SIGMA=	9.8	PHAS=	-151.6	FOM=	0.70	TEST=	0
INDE	28	33	29	FOBS=	183.1	SIGMA=	1.2	PHAS=	-48.9	FOM=	0.86	TEST=	0
INDE	28	33	31	FOBS=	137.6	SIGMA=	1.4	PHAS=	109.2	FOM=	0.90	TEST=	1
INDE	28	33	33	FOBS=	53.0	SIGMA=	3.5	PHAS=	77.5	FOM=	0.59	TEST=	0
INDE	28	33	35	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	28	33	37	FOBS=	14.1	SIGMA=	13.0	PHAS=	-146.0	FOM=	0.26	TEST=	0
INDE	28	33	39	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	33	41	FOBS=	35.5	SIGMA=	5.2	PHAS=	-68.0	FOM=	0.63	TEST=	0
INDE	28	33	43	FOBS=	177.5	SIGMA=	1.1	PHAS=	-58.0	FOM=	0.96	TEST=	0
INDE	28	33	45	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	33	47	FOBS=	83.4	SIGMA=	1.9	PHAS=	-1.0	FOM=	0.58	TEST=	1
INDE	28	33	49	FOBS=	22.2	SIGMA=	7.1	PHAS=	116.7	FOM=	0.33	TEST=	0
INDE	28	33	51	FOBS=	7.6	SIGMA=	23.8	PHAS=	-43.2	FOM=	0.00	TEST=	0
INDE	28	33	53	FOBS=	46.0	SIGMA=	4.1	PHAS=	114.7	FOM=	0.01	TEST=	1
INDE	28	33	55	FOBS=	55.2	SIGMA=	3.8	PHAS=	62.1	FOM=	0.86	TEST=	0
INDE	28	33	57	FOBS=	46.2	SIGMA=	5.3	PHAS=	-34.6	FOM=	0.77	TEST=	0
INDE	28	33	59	FOBS=	90.9	SIGMA=	3.1	PHAS=	98.4	FOM=	0.94	TEST=	0
INDE	28	33	61	FOBS=	13.5	SIGMA=	24.1	PHAS=	-113.8	FOM=	0.17	TEST=	0
INDE	28	33	63	FOBS=	82.3	SIGMA=	4.1	PHAS=	172.4	FOM=	0.72	TEST=	0
INDE	28	34	28	FOBS=	218.9	SIGMA=	0.9	PHAS=	-114.9	FOM=	0.95	TEST=	0
INDE	28	34	30	FOBS=	234.5	SIGMA=	1.0	PHAS=	-68.2	FOM=	0.97	TEST=	0
INDE	28	34	32	FOBS=	142.2	SIGMA=	1.4	PHAS=	-45.0	FOM=	0.92	TEST=	0
INDE	28	34	34	FOBS=	114.3	SIGMA=	1.6	PHAS=	175.0	FOM=	0.94	TEST=	0
INDE	28	34	36	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	34	38	FOBS=	87.7	SIGMA=	2.1	PHAS=	107.5	FOM=	0.87	TEST=	1
INDE	28	34	40	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	34	42	FOBS=	28.9	SIGMA=	6.5	PHAS=	-75.9	FOM=	0.34	TEST=	1
INDE	28	34	44	FOBS=	39.6	SIGMA=	4.4	PHAS=	124.1	FOM=	0.65	TEST=	0
INDE	28	34	46	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	34	48	FOBS=	76.5	SIGMA=	2.3	PHAS=	-16.1	FOM=	0.79	TEST=	0
INDE	28	34	50	FOBS=	75.2	SIGMA=	2.2	PHAS=	5.3	FOM=	0.89	TEST=	0
INDE	28	34	52	FOBS=	68.0	SIGMA=	2.7	PHAS=	-146.8	FOM=	0.85	TEST=	0
INDE	28	34	54	FOBS=	30.3	SIGMA=	6.9	PHAS=	47.8	FOM=	0.52	TEST=	0
INDE	28	34	56	FOBS=	27.8	SIGMA=	8.8	PHAS=	-25.3	FOM=	0.56	TEST=	0
INDE	28	34	58	FOBS=	55.4	SIGMA=	4.5	PHAS=	-41.2	FOM=	0.89	TEST=	0
INDE	28	34	60	FOBS=	35.8	SIGMA=	7.8	PHAS=	-52.0	FOM=	0.67	TEST=	0
INDE	28	34	62	FOBS=	18.6	SIGMA=	17.9	PHAS=	74.2	FOM=	0.35	TEST=	0
INDE	28	34	64	FOBS=	34.3	SIGMA=	9.9	PHAS=	-28.1	FOM=	0.09	TEST=	1
INDE	28	35	29	FOBS=	242.7	SIGMA=	0.9	PHAS=	174.7	FOM=	0.87	TEST=	1
INDE	28	35	31	FOBS=	168.2	SIGMA=	1.3	PHAS=	-160.1	FOM=	0.94	TEST=	0
INDE	28	35	33	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	35	35	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	35	37	FOBS=	60.0	SIGMA=	3.1	PHAS=	-60.0	FOM=	0.75	TEST=	0
INDE	28	35	39	FOBS=	67.3	SIGMA=	2.7	PHAS=	-98.5	FOM=	0.78	TEST=	0
INDE	28	35	41	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	35	43	FOBS=	43.2	SIGMA=	4.4	PHAS=	-77.0	FOM=	0.59	TEST=	0
INDE	28	35	45	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	35	47	FOBS=	51.4	SIGMA=	3.4	PHAS=	-61.0	FOM=	0.43	TEST=	0
INDE	28	35	49	FOBS=	19.0	SIGMA=	9.8	PHAS=	112.4	FOM=	0.19	TEST=	0
INDE	28	35	51	FOBS=	42.5	SIGMA=	4.1	PHAS=	-97.0	FOM=	0.63	TEST=	0
INDE	28	35	53	FOBS=	71.5	SIGMA=	2.8	PHAS=	-142.6	FOM=	0.35	TEST=	1
INDE	28	35	55	FOBS=	51.3	SIGMA=	4.8	PHAS=	138.6	FOM=	0.78	TEST=	0
INDE	28	35	57	FOBS=	116.7	SIGMA=	2.2	PHAS=	-146.9	FOM=	0.96	TEST=	0
INDE	28	35	59	FOBS=	0.0	SIGMA=	22.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	35	61	FOBS=	53.1	SIGMA=	4.7	PHAS=	131.9	FOM=	0.57	TEST=	0
INDE	28	35	63	FOBS=	46.6	SIGMA=	7.2	PHAS=	-147.0	FOM=	0.61	TEST=	0
INDE	28	36	28	FOBS=	177.3	SIGMA=	1.0	PHAS=	31.8	FOM=	0.93	TEST=	0
INDE	28	36	30	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	36	32	FOBS=	32.5	SIGMA=	7.0	PHAS=	51.5	FOM=	0.16	TEST=	0
INDE	28	36	34	FOBS=	23.0	SIGMA=	8.2	PHAS=	139.2	FOM=	0.23	TEST=	0

INDE	28	36	36	FOBS=	74.4	SIGMA=	2.5	PHAS=	4.6	FOM=	0.84	TEST=	1
INDE	28	36	38	FOBS=	68.7	SIGMA=	2.7	PHAS=	-150.4	FOM=	0.78	TEST=	0
INDE	28	36	40	FOBS=	79.9	SIGMA=	2.3	PHAS=	-78.4	FOM=	0.92	TEST=	0
INDE	28	36	42	FOBS=	84.5	SIGMA=	2.2	PHAS=	-119.4	FOM=	0.79	TEST=	0
INDE	28	36	44	FOBS=	72.0	SIGMA=	2.5	PHAS=	65.4	FOM=	0.75	TEST=	0
INDE	28	36	46	FOBS=	38.9	SIGMA=	4.5	PHAS=	32.2	FOM=	0.69	TEST=	0
INDE	28	36	48	FOBS=	115.3	SIGMA=	1.6	PHAS=	-42.7	FOM=	0.91	TEST=	0
INDE	28	36	50	FOBS=	31.7	SIGMA=	5.5	PHAS=	-22.0	FOM=	0.42	TEST=	0
INDE	28	36	52	FOBS=	43.6	SIGMA=	4.0	PHAS=	148.6	FOM=	0.67	TEST=	0
INDE	28	36	54	FOBS=	85.7	SIGMA=	2.9	PHAS=	84.8	FOM=	0.78	TEST=	0
INDE	28	36	56	FOBS=	36.7	SIGMA=	8.9	PHAS=	91.0	FOM=	0.85	TEST=	0
INDE	28	36	58	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	36	60	FOBS=	62.6	SIGMA=	4.0	PHAS=	-175.9	FOM=	0.10	TEST=	1
INDE	28	36	62	FOBS=	21.5	SIGMA=	15.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	28	37	29	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	37	31	FOBS=	71.9	SIGMA=	2.5	PHAS=	-132.2	FOM=	0.80	TEST=	0
INDE	28	37	33	FOBS=	42.5	SIGMA=	4.0	PHAS=	-108.5	FOM=	0.30	TEST=	0
INDE	28	37	35	FOBS=	59.9	SIGMA=	2.7	PHAS=	-134.2	FOM=	0.32	TEST=	0
INDE	28	37	37	FOBS=	130.5	SIGMA=	1.3	PHAS=	-135.0	FOM=	0.88	TEST=	0
INDE	28	37	39	FOBS=	59.7	SIGMA=	2.8	PHAS=	-166.7	FOM=	0.93	TEST=	0
INDE	28	37	41	FOBS=	31.7	SIGMA=	5.6	PHAS=	36.5	FOM=	0.66	TEST=	0
INDE	28	37	43	FOBS=	51.3	SIGMA=	3.5	PHAS=	-10.4	FOM=	0.84	TEST=	0
INDE	28	37	45	FOBS=	137.3	SIGMA=	1.4	PHAS=	-67.6	FOM=	0.95	TEST=	0
INDE	28	37	47	FOBS=	43.1	SIGMA=	4.1	PHAS=	-163.6	FOM=	0.87	TEST=	0
INDE	28	37	49	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	37	51	FOBS=	21.9	SIGMA=	8.0	PHAS=	-0.8	FOM=	0.14	TEST=	0
INDE	28	37	53	FOBS=	102.2	SIGMA=	2.2	PHAS=	68.9	FOM=	0.05	TEST=	1
INDE	28	37	55	FOBS=	6.9	SIGMA=	40.6	PHAS=	85.7	FOM=	0.18	TEST=	0
INDE	28	37	57	FOBS=	82.4	SIGMA=	3.1	PHAS=	-165.8	FOM=	0.88	TEST=	0
INDE	28	37	59	FOBS=	22.0	SIGMA=	11.3	PHAS=	-16.2	FOM=	0.22	TEST=	0
INDE	28	37	61	FOBS=	0.0	SIGMA=	23.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	38	28	FOBS=	68.1	SIGMA=	2.4	PHAS=	169.9	FOM=	0.90	TEST=	1
INDE	28	38	30	FOBS=	136.2	SIGMA=	1.4	PHAS=	-176.8	FOM=	0.88	TEST=	0
INDE	28	38	32	FOBS=	30.4	SIGMA=	6.2	PHAS=	23.9	FOM=	0.20	TEST=	0
INDE	28	38	34	FOBS=	47.5	SIGMA=	3.5	PHAS=	118.8	FOM=	0.73	TEST=	0
INDE	28	38	36	FOBS=	51.3	SIGMA=	3.2	PHAS=	42.1	FOM=	0.64	TEST=	0
INDE	28	38	38	FOBS=	113.2	SIGMA=	1.5	PHAS=	145.7	FOM=	0.86	TEST=	0
INDE	28	38	40	FOBS=	64.8	SIGMA=	2.5	PHAS=	-93.9	FOM=	0.12	TEST=	1
INDE	28	38	42	FOBS=	86.5	SIGMA=	1.9	PHAS=	-75.5	FOM=	0.93	TEST=	0
INDE	28	38	44	FOBS=	46.4	SIGMA=	3.6	PHAS=	-111.2	FOM=	0.60	TEST=	0
INDE	28	38	46	FOBS=	58.9	SIGMA=	2.8	PHAS=	33.8	FOM=	0.83	TEST=	0
INDE	28	38	48	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	38	50	FOBS=	77.8	SIGMA=	2.3	PHAS=	-78.0	FOM=	0.88	TEST=	0
INDE	28	38	52	FOBS=	76.6	SIGMA=	2.9	PHAS=	132.3	FOM=	0.78	TEST=	0
INDE	28	38	54	FOBS=	38.4	SIGMA=	5.6	PHAS=	101.0	FOM=	0.26	TEST=	0
INDE	28	38	56	FOBS=	97.1	SIGMA=	2.6	PHAS=	106.0	FOM=	0.91	TEST=	0
INDE	28	38	58	FOBS=	23.8	SIGMA=	10.5	PHAS=	93.3	FOM=	0.44	TEST=	0
INDE	28	38	60	FOBS=	0.0	SIGMA=	28.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	39	29	FOBS=	151.7	SIGMA=	1.2	PHAS=	89.4	FOM=	0.95	TEST=	0
INDE	28	39	31	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	39	33	FOBS=	98.5	SIGMA=	1.9	PHAS=	-54.1	FOM=	0.89	TEST=	0
INDE	28	39	35	FOBS=	112.4	SIGMA=	1.5	PHAS=	52.0	FOM=	0.86	TEST=	0
INDE	28	39	37	FOBS=	0.0	SIGMA=	17.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	39	39	FOBS=	37.2	SIGMA=	5.5	PHAS=	47.1	FOM=	0.61	TEST=	0
INDE	28	39	41	FOBS=	84.8	SIGMA=	2.0	PHAS=	-148.8	FOM=	0.85	TEST=	0
INDE	28	39	43	FOBS=	42.5	SIGMA=	3.8	PHAS=	-152.8	FOM=	0.78	TEST=	0
INDE	28	39	45	FOBS=	152.7	SIGMA=	1.1	PHAS=	-60.1	FOM=	0.95	TEST=	0
INDE	28	39	47	FOBS=	45.1	SIGMA=	3.9	PHAS=	76.2	FOM=	0.73	TEST=	0
INDE	28	39	49	FOBS=	70.5	SIGMA=	2.3	PHAS=	144.7	FOM=	0.85	TEST=	0
INDE	28	39	51	FOBS=	63.5	SIGMA=	3.1	PHAS=	127.0	FOM=	0.90	TEST=	0
INDE	28	39	53	FOBS=	0.0	SIGMA=	22.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	39	55	FOBS=	63.5	SIGMA=	3.4	PHAS=	27.4	FOM=	0.75	TEST=	0
INDE	28	39	57	FOBS=	12.8	SIGMA=	22.0	PHAS=	16.8	FOM=	0.27	TEST=	0
INDE	28	39	59	FOBS=	34.2	SIGMA=	7.5	PHAS=	74.0	FOM=	0.12	TEST=	1
INDE	28	39	61	FOBS=	70.9	SIGMA=	4.9	PHAS=	172.8	FOM=	0.86	TEST=	0
INDE	28	40	28	FOBS=	109.3	SIGMA=	1.5	PHAS=	-152.0	FOM=	0.84	TEST=	0
INDE	28	40	30	FOBS=	25.2	SIGMA=	7.2	PHAS=	151.5	FOM=	0.57	TEST=	1
INDE	28	40	32	FOBS=	47.5	SIGMA=	4.0	PHAS=	42.6	FOM=	0.76	TEST=	0
INDE	28	40	34	FOBS=	24.3	SIGMA=	8.2	PHAS=	178.4	FOM=	0.17	TEST=	0
INDE	28	40	36	FOBS=	54.6	SIGMA=	3.1	PHAS=	-27.4	FOM=	0.86	TEST=	0

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INDE	28	40	38	FOBS=	81.3	SIGMA=	2.0	PHAS=	107.5	FOM=	0.87	TEST=	0
INDE	28	40	40	FOBS=	34.1	SIGMA=	5.6	PHAS=	130.5	FOM=	0.55	TEST=	0
INDE	28	40	42	FOBS=	61.1	SIGMA=	2.8	PHAS=	70.9	FOM=	0.84	TEST=	0
INDE	28	40	44	FOBS=	92.7	SIGMA=	1.8	PHAS=	-132.6	FOM=	0.79	TEST=	0
INDE	28	40	46	FOBS=	0.0	SIGMA=	17.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	40	48	FOBS=	81.7	SIGMA=	2.1	PHAS=	82.6	FOM=	0.09	TEST=	1
INDE	28	40	50	FOBS=	73.0	SIGMA=	2.5	PHAS=	17.3	FOM=	0.78	TEST=	0
INDE	28	40	52	FOBS=	92.4	SIGMA=	2.1	PHAS=	56.5	FOM=	0.91	TEST=	0
INDE	28	40	54	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	40	56	FOBS=	31.1	SIGMA=	7.4	PHAS=	-78.9	FOM=	0.13	TEST=	0
INDE	28	40	58	FOBS=	39.4	SIGMA=	6.5	PHAS=	-86.4	FOM=	0.75	TEST=	0
INDE	28	40	60	FOBS=	77.8	SIGMA=	4.5	PHAS=	70.5	FOM=	0.92	TEST=	0
INDE	28	41	29	FOBS=	112.5	SIGMA=	1.5	PHAS=	151.4	FOM=	0.84	TEST=	0
INDE	28	41	31	FOBS=	42.3	SIGMA=	4.5	PHAS=	-154.0	FOM=	0.44	TEST=	1
INDE	28	41	33	FOBS=	133.2	SIGMA=	1.4	PHAS=	-37.1	FOM=	0.95	TEST=	0
INDE	28	41	35	FOBS=	69.9	SIGMA=	2.5	PHAS=	149.3	FOM=	0.39	TEST=	1
INDE	28	41	37	FOBS=	44.7	SIGMA=	3.6	PHAS=	-28.0	FOM=	0.31	TEST=	0
INDE	28	41	39	FOBS=	148.1	SIGMA=	1.2	PHAS=	30.1	FOM=	0.96	TEST=	0
INDE	28	41	41	FOBS=	44.5	SIGMA=	3.7	PHAS=	-7.7	FOM=	0.55	TEST=	0
INDE	28	41	43	FOBS=	33.9	SIGMA=	4.8	PHAS=	160.6	FOM=	0.59	TEST=	0
INDE	28	41	45	FOBS=	17.7	SIGMA=	10.6	PHAS=	-82.9	FOM=	0.37	TEST=	0
INDE	28	41	47	FOBS=	64.6	SIGMA=	2.6	PHAS=	23.8	FOM=	0.75	TEST=	0
INDE	28	41	49	FOBS=	33.7	SIGMA=	5.3	PHAS=	-115.3	FOM=	0.33	TEST=	0
INDE	28	41	51	FOBS=	54.8	SIGMA=	3.2	PHAS=	118.3	FOM=	0.75	TEST=	0
INDE	28	41	53	FOBS=	28.5	SIGMA=	6.7	PHAS=	45.2	FOM=	0.55	TEST=	0
INDE	28	41	55	FOBS=	53.6	SIGMA=	3.6	PHAS=	-86.9	FOM=	0.78	TEST=	0
INDE	28	41	57	FOBS=	74.1	SIGMA=	3.0	PHAS=	124.5	FOM=	0.78	TEST=	0
INDE	28	41	59	FOBS=	53.2	SIGMA=	6.7	PHAS=	6.0	FOM=	0.79	TEST=	0
INDE	28	42	28	FOBS=	43.6	SIGMA=	4.0	PHAS=	-131.0	FOM=	0.38	TEST=	0
INDE	28	42	30	FOBS=	69.9	SIGMA=	2.4	PHAS=	3.9	FOM=	0.90	TEST=	0
INDE	28	42	32	FOBS=	57.4	SIGMA=	3.3	PHAS=	110.0	FOM=	0.30	TEST=	0
INDE	28	42	34	FOBS=	39.2	SIGMA=	4.6	PHAS=	56.8	FOM=	0.68	TEST=	0
INDE	28	42	36	FOBS=	35.5	SIGMA=	4.8	PHAS=	-33.1	FOM=	0.38	TEST=	0
INDE	28	42	38	FOBS=	34.5	SIGMA=	4.9	PHAS=	-32.6	FOM=	0.56	TEST=	0
INDE	28	42	40	FOBS=	16.8	SIGMA=	9.7	PHAS=	31.2	FOM=	0.47	TEST=	0
INDE	28	42	42	FOBS=	141.8	SIGMA=	1.2	PHAS=	77.5	FOM=	0.93	TEST=	0
INDE	28	42	44	FOBS=	11.0	SIGMA=	15.2	PHAS=	167.0	FOM=	0.11	TEST=	0
INDE	28	42	46	FOBS=	32.3	SIGMA=	5.6	PHAS=	-44.0	FOM=	0.58	TEST=	0
INDE	28	42	48	FOBS=	17.4	SIGMA=	10.8	PHAS=	14.6	FOM=	0.30	TEST=	0
INDE	28	42	50	FOBS=	73.4	SIGMA=	2.5	PHAS=	51.6	FOM=	0.88	TEST=	0
INDE	28	42	52	FOBS=	157.8	SIGMA=	1.3	PHAS=	38.0	FOM=	0.98	TEST=	0
INDE	28	42	54	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	42	56	FOBS=	86.9	SIGMA=	2.3	PHAS=	-162.9	FOM=	0.33	TEST=	0
INDE	28	42	58	FOBS=	119.7	SIGMA=	1.8	PHAS=	-82.0	FOM=	0.94	TEST=	0
INDE	28	43	29	FOBS=	87.3	SIGMA=	1.9	PHAS=	-147.1	FOM=	0.84	TEST=	0
INDE	28	43	31	FOBS=	79.0	SIGMA=	2.3	PHAS=	-107.4	FOM=	0.62	TEST=	0
INDE	28	43	33	FOBS=	123.3	SIGMA=	1.5	PHAS=	-3.1	FOM=	0.82	TEST=	0
INDE	28	43	35	FOBS=	35.1	SIGMA=	5.1	PHAS=	95.2	FOM=	0.11	TEST=	1
INDE	28	43	37	FOBS=	66.7	SIGMA=	2.5	PHAS=	-0.4	FOM=	0.78	TEST=	0
INDE	28	43	39	FOBS=	67.9	SIGMA=	2.4	PHAS=	-23.2	FOM=	0.85	TEST=	0
INDE	28	43	41	FOBS=	65.7	SIGMA=	2.5	PHAS=	-1.2	FOM=	0.84	TEST=	0
INDE	28	43	43	FOBS=	40.7	SIGMA=	4.0	PHAS=	87.6	FOM=	0.57	TEST=	0
INDE	28	43	45	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	43	47	FOBS=	75.7	SIGMA=	2.4	PHAS=	-23.9	FOM=	0.92	TEST=	0
INDE	28	43	49	FOBS=	48.7	SIGMA=	3.7	PHAS=	-36.7	FOM=	0.82	TEST=	0
INDE	28	43	51	FOBS=	79.3	SIGMA=	2.5	PHAS=	-49.8	FOM=	0.91	TEST=	0
INDE	28	43	53	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	43	55	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	43	57	FOBS=	77.3	SIGMA=	2.6	PHAS=	159.3	FOM=	0.91	TEST=	0
INDE	28	44	28	FOBS=	18.5	SIGMA=	9.9	PHAS=	90.1	FOM=	0.24	TEST=	0
INDE	28	44	30	FOBS=	89.6	SIGMA=	1.9	PHAS=	43.7	FOM=	0.93	TEST=	0
INDE	28	44	32	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	44	34	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	44	36	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	44	38	FOBS=	31.1	SIGMA=	5.5	PHAS=	152.5	FOM=	0.33	TEST=	0
INDE	28	44	40	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	28	44	42	FOBS=	23.3	SIGMA=	7.6	PHAS=	-0.5	FOM=	0.08	TEST=	0
INDE	28	44	44	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	44	46	FOBS=	74.7	SIGMA=	2.5	PHAS=	-117.7	FOM=	0.73	TEST=	0
INDE	28	44	48	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	28	44	50	FOBS=	23.0	SIGMA=	8.8	PHAS=	-161.4	FOM=	0.19	TEST=	0
INDE	28	44	52	FOBS=	54.7	SIGMA=	3.8	PHAS=	37.6	FOM=	0.54	TEST=	0
INDE	28	44	54	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	44	56	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	45	29	FOBS=	155.1	SIGMA=	1.1	PHAS=	-109.2	FOM=	0.95	TEST=	0
INDE	28	45	31	FOBS=	32.2	SIGMA=	7.2	PHAS=	-57.6	FOM=	0.78	TEST=	0
INDE	28	45	33	FOBS=	65.6	SIGMA=	2.7	PHAS=	-4.3	FOM=	0.83	TEST=	0
INDE	28	45	35	FOBS=	28.8	SIGMA=	6.1	PHAS=	-147.7	FOM=	0.29	TEST=	0
INDE	28	45	37	FOBS=	87.3	SIGMA=	2.1	PHAS=	37.1	FOM=	0.83	TEST=	0
INDE	28	45	39	FOBS=	0.0	SIGMA=	18.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	45	41	FOBS=	20.8	SIGMA=	9.6	PHAS=	152.6	FOM=	0.27	TEST=	0
INDE	28	45	43	FOBS=	46.5	SIGMA=	4.1	PHAS=	90.1	FOM=	0.45	TEST=	0
INDE	28	45	45	FOBS=	35.0	SIGMA=	5.2	PHAS=	74.5	FOM=	0.67	TEST=	0
INDE	28	45	47	FOBS=	40.6	SIGMA=	4.5	PHAS=	-21.8	FOM=	0.56	TEST=	0
INDE	28	45	49	FOBS=	15.9	SIGMA=	11.5	PHAS=	-12.0	FOM=	0.02	TEST=	0
INDE	28	45	51	FOBS=	14.5	SIGMA=	14.3	PHAS=	-16.8	FOM=	0.17	TEST=	0
INDE	28	45	53	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	45	55	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	46	28	FOBS=	19.0	SIGMA=	9.0	PHAS=	-143.5	FOM=	0.09	TEST=	0
INDE	28	46	30	FOBS=	58.2	SIGMA=	2.7	PHAS=	102.8	FOM=	0.77	TEST=	0
INDE	28	46	32	FOBS=	80.5	SIGMA=	2.2	PHAS=	-46.1	FOM=	0.93	TEST=	0
INDE	28	46	34	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	46	36	FOBS=	54.0	SIGMA=	3.3	PHAS=	140.7	FOM=	0.36	TEST=	0
INDE	28	46	38	FOBS=	51.0	SIGMA=	3.4	PHAS=	-153.0	FOM=	0.58	TEST=	0
INDE	28	46	40	FOBS=	232.5	SIGMA=	1.0	PHAS=	100.3	FOM=	0.98	TEST=	0
INDE	28	46	42	FOBS=	32.1	SIGMA=	5.9	PHAS=	-51.3	FOM=	0.06	TEST=	1
INDE	28	46	44	FOBS=	48.6	SIGMA=	3.8	PHAS=	-33.2	FOM=	0.09	TEST=	1
INDE	28	46	46	FOBS=	81.0	SIGMA=	2.3	PHAS=	-169.3	FOM=	0.89	TEST=	0
INDE	28	46	48	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	46	50	FOBS=	42.1	SIGMA=	5.0	PHAS=	125.9	FOM=	0.80	TEST=	0
INDE	28	46	52	FOBS=	47.4	SIGMA=	4.2	PHAS=	-10.8	FOM=	0.53	TEST=	0
INDE	28	46	54	FOBS=	15.9	SIGMA=	13.2	PHAS=	-80.1	FOM=	0.58	TEST=	0
INDE	28	46	56	FOBS=	0.0	SIGMA=	29.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	28	47	29	FOBS=	80.3	SIGMA=	2.0	PHAS=	-164.6	FOM=	0.88	TEST=	0
INDE	28	47	31	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	47	33	FOBS=	126.2	SIGMA=	1.5	PHAS=	-129.9	FOM=	0.96	TEST=	0
INDE	28	47	35	FOBS=	59.0	SIGMA=	3.0	PHAS=	-105.1	FOM=	0.44	TEST=	0
INDE	28	47	37	FOBS=	110.8	SIGMA=	1.7	PHAS=	63.2	FOM=	0.95	TEST=	0
INDE	28	47	39	FOBS=	148.8	SIGMA=	1.3	PHAS=	21.8	FOM=	0.97	TEST=	0
INDE	28	47	41	FOBS=	170.3	SIGMA=	1.2	PHAS=	-17.4	FOM=	0.97	TEST=	0
INDE	28	47	43	FOBS=	22.1	SIGMA=	8.2	PHAS=	-93.3	FOM=	0.43	TEST=	0
INDE	28	47	45	FOBS=	52.1	SIGMA=	3.5	PHAS=	87.8	FOM=	0.72	TEST=	0
INDE	28	47	47	FOBS=	73.7	SIGMA=	2.5	PHAS=	122.4	FOM=	0.31	TEST=	1
INDE	28	47	49	FOBS=	54.9	SIGMA=	3.6	PHAS=	153.6	FOM=	0.43	TEST=	0
INDE	28	47	51	FOBS=	24.3	SIGMA=	8.2	PHAS=	-54.3	FOM=	0.40	TEST=	0
INDE	28	47	53	FOBS=	60.0	SIGMA=	3.4	PHAS=	-119.0	FOM=	0.92	TEST=	0
INDE	28	47	55	FOBS=	59.9	SIGMA=	4.3	PHAS=	107.0	FOM=	0.19	TEST=	1
INDE	28	48	28	FOBS=	54.9	SIGMA=	3.1	PHAS=	158.1	FOM=	0.71	TEST=	0
INDE	28	48	30	FOBS=	0.0	SIGMA=	18.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	48	32	FOBS=	117.8	SIGMA=	1.6	PHAS=	100.3	FOM=	0.92	TEST=	0
INDE	28	48	34	FOBS=	125.6	SIGMA=	1.5	PHAS=	155.7	FOM=	0.93	TEST=	0
INDE	28	48	36	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	28	48	38	FOBS=	34.3	SIGMA=	5.9	PHAS=	3.4	FOM=	0.38	TEST=	0
INDE	28	48	40	FOBS=	53.2	SIGMA=	3.4	PHAS=	169.2	FOM=	0.76	TEST=	0
INDE	28	48	42	FOBS=	79.5	SIGMA=	2.3	PHAS=	-138.8	FOM=	0.75	TEST=	0
INDE	28	48	44	FOBS=	23.6	SIGMA=	8.8	PHAS=	-60.8	FOM=	0.25	TEST=	0
INDE	28	48	46	FOBS=	34.2	SIGMA=	6.7	PHAS=	-157.7	FOM=	0.66	TEST=	0
INDE	28	48	48	FOBS=	42.4	SIGMA=	5.1	PHAS=	55.2	FOM=	0.72	TEST=	0
INDE	28	48	50	FOBS=	34.5	SIGMA=	6.8	PHAS=	141.5	FOM=	0.61	TEST=	0
INDE	28	48	52	FOBS=	18.0	SIGMA=	13.0	PHAS=	71.3	FOM=	0.37	TEST=	0
INDE	28	48	54	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	49	29	FOBS=	41.2	SIGMA=	4.0	PHAS=	157.7	FOM=	0.16	TEST=	1
INDE	28	49	31	FOBS=	65.0	SIGMA=	2.6	PHAS=	30.8	FOM=	0.73	TEST=	0
INDE	28	49	33	FOBS=	39.9	SIGMA=	4.6	PHAS=	-8.9	FOM=	0.64	TEST=	0
INDE	28	49	35	FOBS=	53.9	SIGMA=	3.7	PHAS=	-92.9	FOM=	0.62	TEST=	0
INDE	28	49	37	FOBS=	28.7	SIGMA=	8.1	PHAS=	20.3	FOM=	0.26	TEST=	1
INDE	28	49	39	FOBS=	66.5	SIGMA=	3.1	PHAS=	58.7	FOM=	0.86	TEST=	0
INDE	28	49	41	FOBS=	62.8	SIGMA=	2.9	PHAS=	32.3	FOM=	0.83	TEST=	0
INDE	28	49	43	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	49	45	FOBS=	60.3	SIGMA=	3.3	PHAS=	-4.2	FOM=	0.88	TEST=	0

INDE	28	49	47	FOBS=	103.0	SIGMA=	2.0	PHAS=	-162.5	FOM=	0.91	TEST=	0
INDE	28	49	49	FOBS=	72.1	SIGMA=	2.8	PHAS=	150.5	FOM=	0.83	TEST=	0
INDE	28	49	51	FOBS=	29.0	SIGMA=	9.0	PHAS=	-78.8	FOM=	0.63	TEST=	0
INDE	28	49	53	FOBS=	45.9	SIGMA=	8.1	PHAS=	-86.9	FOM=	0.74	TEST=	0
INDE	28	50	28	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	28	50	30	FOBS=	57.2	SIGMA=	2.8	PHAS=	15.2	FOM=	0.72	TEST=	0
INDE	28	50	32	FOBS=	102.7	SIGMA=	1.9	PHAS=	-153.1	FOM=	0.87	TEST=	0
INDE	28	50	34	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	50	36	FOBS=	99.4	SIGMA=	2.1	PHAS=	-131.3	FOM=	0.90	TEST=	0
INDE	28	50	38	FOBS=	34.5	SIGMA=	6.3	PHAS=	28.5	FOM=	0.42	TEST=	0
INDE	28	50	40	FOBS=	53.0	SIGMA=	3.6	PHAS=	-58.1	FOM=	0.20	TEST=	0
INDE	28	50	42	FOBS=	11.5	SIGMA=	18.8	PHAS=	-74.4	FOM=	0.33	TEST=	0
INDE	28	50	44	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	50	46	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	50	48	FOBS=	156.8	SIGMA=	1.5	PHAS=	97.6	FOM=	0.77	TEST=	1
INDE	28	50	50	FOBS=	21.9	SIGMA=	11.1	PHAS=	84.8	FOM=	0.31	TEST=	0
INDE	28	50	52	FOBS=	57.2	SIGMA=	5.2	PHAS=	102.7	FOM=	0.63	TEST=	0
INDE	28	51	29	FOBS=	53.6	SIGMA=	3.2	PHAS=	-122.2	FOM=	0.58	TEST=	1
INDE	28	51	31	FOBS=	61.8	SIGMA=	2.8	PHAS=	28.9	FOM=	0.78	TEST=	0
INDE	28	51	33	FOBS=	63.1	SIGMA=	3.2	PHAS=	-25.7	FOM=	0.87	TEST=	0
INDE	28	51	35	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	51	37	FOBS=	11.6	SIGMA=	20.7	PHAS=	-20.5	FOM=	0.09	TEST=	0
INDE	28	51	39	FOBS=	69.2	SIGMA=	3.2	PHAS=	-87.0	FOM=	0.67	TEST=	0
INDE	28	51	41	FOBS=	46.9	SIGMA=	4.5	PHAS=	135.9	FOM=	0.62	TEST=	0
INDE	28	51	43	FOBS=	57.0	SIGMA=	3.7	PHAS=	48.2	FOM=	0.51	TEST=	0
INDE	28	51	45	FOBS=	26.6	SIGMA=	8.1	PHAS=	-4.1	FOM=	0.40	TEST=	0
INDE	28	51	47	FOBS=	31.9	SIGMA=	6.8	PHAS=	-49.9	FOM=	0.03	TEST=	1
INDE	28	51	49	FOBS=	55.6	SIGMA=	4.7	PHAS=	-42.8	FOM=	0.85	TEST=	0
INDE	28	51	51	FOBS=	0.0	SIGMA=	25.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	52	28	FOBS=	110.9	SIGMA=	1.7	PHAS=	174.4	FOM=	0.94	TEST=	0
INDE	28	52	30	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	52	32	FOBS=	133.2	SIGMA=	1.5	PHAS=	-138.9	FOM=	0.96	TEST=	0
INDE	28	52	34	FOBS=	16.3	SIGMA=	13.2	PHAS=	-40.1	FOM=	0.14	TEST=	0
INDE	28	52	36	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	52	38	FOBS=	120.8	SIGMA=	2.1	PHAS=	-75.5	FOM=	0.10	TEST=	1
INDE	28	52	40	FOBS=	108.6	SIGMA=	2.3	PHAS=	130.3	FOM=	0.91	TEST=	0
INDE	28	52	42	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	52	44	FOBS=	56.8	SIGMA=	3.8	PHAS=	34.6	FOM=	0.77	TEST=	0
INDE	28	52	46	FOBS=	36.1	SIGMA=	6.5	PHAS=	-179.9	FOM=	0.38	TEST=	0
INDE	28	52	48	FOBS=	127.3	SIGMA=	1.9	PHAS=	177.0	FOM=	0.96	TEST=	0
INDE	28	52	50	FOBS=	52.4	SIGMA=	5.2	PHAS=	173.6	FOM=	0.46	TEST=	0
INDE	28	53	29	FOBS=	51.2	SIGMA=	4.2	PHAS=	89.9	FOM=	0.56	TEST=	0
INDE	28	53	31	FOBS=	127.2	SIGMA=	1.7	PHAS=	66.3	FOM=	0.93	TEST=	0
INDE	28	53	33	FOBS=	71.3	SIGMA=	3.2	PHAS=	81.9	FOM=	0.80	TEST=	0
INDE	28	53	35	FOBS=	51.3	SIGMA=	4.5	PHAS=	-140.4	FOM=	0.22	TEST=	1
INDE	28	53	37	FOBS=	76.8	SIGMA=	3.1	PHAS=	-53.1	FOM=	0.66	TEST=	0
INDE	28	53	39	FOBS=	118.5	SIGMA=	2.1	PHAS=	-49.6	FOM=	0.93	TEST=	0
INDE	28	53	41	FOBS=	15.1	SIGMA=	16.3	PHAS=	40.4	FOM=	0.47	TEST=	0
INDE	28	53	43	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	53	45	FOBS=	38.4	SIGMA=	6.0	PHAS=	-38.2	FOM=	0.15	TEST=	1
INDE	28	53	47	FOBS=	104.8	SIGMA=	2.2	PHAS=	59.4	FOM=	0.94	TEST=	0
INDE	28	53	49	FOBS=	33.2	SIGMA=	9.0	PHAS=	84.2	FOM=	0.64	TEST=	0
INDE	28	54	28	FOBS=	79.6	SIGMA=	2.7	PHAS=	-101.4	FOM=	0.89	TEST=	0
INDE	28	54	30	FOBS=	108.3	SIGMA=	2.1	PHAS=	47.1	FOM=	0.92	TEST=	0
INDE	28	54	32	FOBS=	21.7	SIGMA=	11.4	PHAS=	-26.5	FOM=	0.77	TEST=	0
INDE	28	54	34	FOBS=	30.8	SIGMA=	9.1	PHAS=	-164.2	FOM=	0.12	TEST=	1
INDE	28	54	36	FOBS=	42.0	SIGMA=	6.6	PHAS=	-52.6	FOM=	0.53	TEST=	0
INDE	28	54	38	FOBS=	53.5	SIGMA=	4.5	PHAS=	154.2	FOM=	0.79	TEST=	0
INDE	28	54	40	FOBS=	48.3	SIGMA=	5.1	PHAS=	-171.6	FOM=	0.73	TEST=	0
INDE	28	54	42	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	54	44	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	54	46	FOBS=	15.3	SIGMA=	15.5	PHAS=	-34.1	FOM=	0.14	TEST=	0
INDE	28	54	48	FOBS=	71.7	SIGMA=	3.9	PHAS=	99.0	FOM=	0.06	TEST=	1
INDE	28	55	29	FOBS=	78.8	SIGMA=	3.1	PHAS=	158.5	FOM=	0.21	TEST=	1
INDE	28	55	31	FOBS=	54.2	SIGMA=	4.5	PHAS=	-6.6	FOM=	0.77	TEST=	0
INDE	28	55	33	FOBS=	21.6	SIGMA=	11.4	PHAS=	-86.2	FOM=	0.33	TEST=	0
INDE	28	55	35	FOBS=	29.5	SIGMA=	7.9	PHAS=	-86.9	FOM=	0.83	TEST=	0
INDE	28	55	37	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	55	39	FOBS=	41.5	SIGMA=	5.8	PHAS=	-15.2	FOM=	0.53	TEST=	0
INDE	28	55	41	FOBS=	70.5	SIGMA=	3.5	PHAS=	26.7	FOM=	0.87	TEST=	0

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INDE	28	55	43	FOBS=	0.0	SIGMA=	23.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	55	45	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	28	55	47	FOBS=	38.6	SIGMA=	7.0	PHAS=	2.5	FOM=	0.27	TEST=	0
INDE	28	56	28	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	56	30	FOBS=	36.6	SIGMA=	6.6	PHAS=	16.8	FOM=	0.62	TEST=	0
INDE	28	56	32	FOBS=	70.4	SIGMA=	3.5	PHAS=	-47.9	FOM=	0.76	TEST=	0
INDE	28	56	34	FOBS=	75.5	SIGMA=	3.1	PHAS=	161.2	FOM=	0.86	TEST=	0
INDE	28	56	36	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	56	38	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	56	40	FOBS=	7.0	SIGMA=	37.3	PHAS=	-150.0	FOM=	0.09	TEST=	0
INDE	28	56	42	FOBS=	105.7	SIGMA=	2.8	PHAS=	-54.1	FOM=	0.96	TEST=	0
INDE	28	56	44	FOBS=	24.4	SIGMA=	10.0	PHAS=	106.0	FOM=	0.53	TEST=	0
INDE	28	56	46	FOBS=	40.0	SIGMA=	8.6	PHAS=	-164.8	FOM=	0.59	TEST=	0
INDE	28	57	29	FOBS=	59.0	SIGMA=	4.1	PHAS=	143.8	FOM=	0.72	TEST=	0
INDE	28	57	31	FOBS=	65.8	SIGMA=	3.7	PHAS=	-111.3	FOM=	0.78	TEST=	0
INDE	28	57	33	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	57	35	FOBS=	35.1	SIGMA=	7.3	PHAS=	24.6	FOM=	0.54	TEST=	0
INDE	28	57	37	FOBS=	39.7	SIGMA=	6.0	PHAS=	42.5	FOM=	0.47	TEST=	0
INDE	28	57	39	FOBS=	46.9	SIGMA=	5.9	PHAS=	146.2	FOM=	0.56	TEST=	0
INDE	28	57	41	FOBS=	77.2	SIGMA=	4.2	PHAS=	-93.0	FOM=	0.89	TEST=	0
INDE	28	57	43	FOBS=	39.3	SIGMA=	8.2	PHAS=	17.5	FOM=	0.07	TEST=	0
INDE	28	58	28	FOBS=	55.3	SIGMA=	4.4	PHAS=	-30.6	FOM=	0.76	TEST=	0
INDE	28	58	30	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	28	58	32	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	58	34	FOBS=	31.6	SIGMA=	8.0	PHAS=	-13.3	FOM=	0.21	TEST=	0
INDE	28	58	36	FOBS=	76.4	SIGMA=	3.5	PHAS=	-92.7	FOM=	0.82	TEST=	0
INDE	28	58	38	FOBS=	54.7	SIGMA=	5.6	PHAS=	-4.3	FOM=	0.74	TEST=	0
INDE	28	58	40	FOBS=	68.7	SIGMA=	4.7	PHAS=	-166.6	FOM=	0.81	TEST=	0
INDE	28	58	42	FOBS=	91.7	SIGMA=	3.6	PHAS=	-87.4	FOM=	0.94	TEST=	0
INDE	28	59	29	FOBS=	56.3	SIGMA=	4.9	PHAS=	171.5	FOM=	0.86	TEST=	0
INDE	28	59	31	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	59	33	FOBS=	50.3	SIGMA=	6.4	PHAS=	-58.7	FOM=	0.82	TEST=	0
INDE	28	59	35	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	59	37	FOBS=	28.9	SIGMA=	10.3	PHAS=	163.3	FOM=	0.57	TEST=	0
INDE	28	59	39	FOBS=	27.9	SIGMA=	13.3	PHAS=	-171.6	FOM=	0.58	TEST=	0
INDE	28	59	41	FOBS=	46.6	SIGMA=	7.8	PHAS=	-170.7	FOM=	0.65	TEST=	0
INDE	28	60	28	FOBS=	53.6	SIGMA=	5.0	PHAS=	95.4	FOM=	0.75	TEST=	0
INDE	28	60	30	FOBS=	30.3	SIGMA=	12.5	PHAS=	-16.1	FOM=	0.33	TEST=	0
INDE	28	60	32	FOBS=	59.2	SIGMA=	5.4	PHAS=	86.0	FOM=	0.69	TEST=	0
INDE	28	60	34	FOBS=	0.0	SIGMA=	28.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	60	36	FOBS=	0.0	SIGMA=	24.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	60	38	FOBS=	0.0	SIGMA=	29.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	60	40	FOBS=	0.0	SIGMA=	25.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	61	29	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	61	31	FOBS=	36.4	SIGMA=	8.7	PHAS=	121.8	FOM=	0.50	TEST=	0
INDE	28	61	33	FOBS=	48.6	SIGMA=	6.7	PHAS=	-127.8	FOM=	0.05	TEST=	1
INDE	28	61	35	FOBS=	54.9	SIGMA=	5.4	PHAS=	166.2	FOM=	0.69	TEST=	0
INDE	28	61	37	FOBS=	71.1	SIGMA=	4.4	PHAS=	166.0	FOM=	0.92	TEST=	0
INDE	28	61	39	FOBS=	0.0	SIGMA=	30.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	28	62	28	FOBS=	0.0	SIGMA=	27.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	62	30	FOBS=	52.2	SIGMA=	4.8	PHAS=	-95.8	FOM=	0.21	TEST=	1
INDE	28	62	32	FOBS=	34.3	SIGMA=	9.5	PHAS=	16.6	FOM=	0.44	TEST=	0
INDE	28	62	34	FOBS=	19.7	SIGMA=	16.8	PHAS=	-149.0	FOM=	0.18	TEST=	0
INDE	28	62	36	FOBS=	24.3	SIGMA=	14.4	PHAS=	113.5	FOM=	0.21	TEST=	0
INDE	28	63	29	FOBS=	68.9	SIGMA=	3.6	PHAS=	-1.5	FOM=	0.84	TEST=	0
INDE	28	63	31	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	63	33	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	63	35	FOBS=	87.2	SIGMA=	5.0	PHAS=	168.9	FOM=	0.86	TEST=	0
INDE	28	64	28	FOBS=	58.3	SIGMA=	6.7	PHAS=	-64.9	FOM=	0.82	TEST=	0
INDE	28	64	30	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	64	32	FOBS=	0.0	SIGMA=	28.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	64	34	FOBS=	68.7	SIGMA=	6.1	PHAS=	77.5	FOM=	0.84	TEST=	0
INDE	28	65	29	FOBS=	0.0	SIGMA=	28.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	65	31	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	28	66	28	FOBS=	47.0	SIGMA=	11.3	PHAS=	-22.7	FOM=	0.64	TEST=	0
INDE	28	66	30	FOBS=	22.7	SIGMA=	24.4	PHAS=	-176.6	FOM=	0.28	TEST=	0
INDE	29	30	29	FOBS=	335.0	SIGMA=	0.6	PHAS=	179.0	FOM=	0.95	TEST=	1
INDE	29	30	31	FOBS=	238.6	SIGMA=	0.9	PHAS=	75.3	FOM=	0.95	TEST=	0
INDE	29	30	33	FOBS=	49.4	SIGMA=	3.8	PHAS=	-117.6	FOM=	0.79	TEST=	0
INDE	29	30	35	FOBS=	290.4	SIGMA=	0.8	PHAS=	-80.0	FOM=	0.98	TEST=	0

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INDE	29	30	37	FOBS=	192.9	SIGMA=	1.1	PHAS=	-51.6	FOM=	0.96	TEST=	0
INDE	29	30	39	FOBS=	20.0	SIGMA=	9.5	PHAS=	74.6	FOM=	0.26	TEST=	0
INDE	29	30	41	FOBS=	200.7	SIGMA=	0.9	PHAS=	72.2	FOM=	0.98	TEST=	0
INDE	29	30	43	FOBS=	208.5	SIGMA=	0.9	PHAS=	60.0	FOM=	0.97	TEST=	0
INDE	29	30	45	FOBS=	133.4	SIGMA=	1.3	PHAS=	91.4	FOM=	0.95	TEST=	0
INDE	29	30	47	FOBS=	99.0	SIGMA=	1.6	PHAS=	129.2	FOM=	0.83	TEST=	0
INDE	29	30	49	FOBS=	64.8	SIGMA=	2.4	PHAS=	113.8	FOM=	0.36	TEST=	0
INDE	29	30	51	FOBS=	39.3	SIGMA=	4.9	PHAS=	-156.5	FOM=	0.15	TEST=	0
INDE	29	30	53	FOBS=	52.5	SIGMA=	3.9	PHAS=	-4.4	FOM=	0.15	TEST=	0
INDE	29	30	55	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	30	57	FOBS=	42.6	SIGMA=	6.5	PHAS=	-67.7	FOM=	0.46	TEST=	0
INDE	29	30	59	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	30	61	FOBS=	42.8	SIGMA=	5.8	PHAS=	101.6	FOM=	0.21	TEST=	1
INDE	29	30	63	FOBS=	69.5	SIGMA=	7.7	PHAS=	-59.7	FOM=	0.43	TEST=	0
INDE	29	30	65	FOBS=	0.0	SIGMA=	33.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	31	30	FOBS=	82.6	SIGMA=	2.1	PHAS=	83.2	FOM=	0.94	TEST=	0
INDE	29	31	32	FOBS=	148.2	SIGMA=	1.3	PHAS=	136.1	FOM=	0.89	TEST=	0
INDE	29	31	34	FOBS=	96.4	SIGMA=	2.0	PHAS=	-164.7	FOM=	0.74	TEST=	0
INDE	29	31	36	FOBS=	107.2	SIGMA=	1.8	PHAS=	160.8	FOM=	0.86	TEST=	0
INDE	29	31	38	FOBS=	197.7	SIGMA=	1.0	PHAS=	-167.8	FOM=	0.94	TEST=	0
INDE	29	31	40	FOBS=	146.7	SIGMA=	1.3	PHAS=	-72.4	FOM=	0.97	TEST=	0
INDE	29	31	42	FOBS=	262.4	SIGMA=	0.9	PHAS=	-42.9	FOM=	0.98	TEST=	0
INDE	29	31	44	FOBS=	143.7	SIGMA=	1.2	PHAS=	2.2	FOM=	0.94	TEST=	0
INDE	29	31	46	FOBS=	84.9	SIGMA=	1.9	PHAS=	48.4	FOM=	0.86	TEST=	1
INDE	29	31	48	FOBS=	89.5	SIGMA=	1.8	PHAS=	45.1	FOM=	0.92	TEST=	0
INDE	29	31	50	FOBS=	20.4	SIGMA=	8.3	PHAS=	113.3	FOM=	0.01	TEST=	1
INDE	29	31	52	FOBS=	105.0	SIGMA=	1.9	PHAS=	88.0	FOM=	0.92	TEST=	0
INDE	29	31	54	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	29	31	56	FOBS=	35.5	SIGMA=	7.8	PHAS=	-19.9	FOM=	0.38	TEST=	0
INDE	29	31	58	FOBS=	43.2	SIGMA=	5.8	PHAS=	-136.0	FOM=	0.67	TEST=	0
INDE	29	31	60	FOBS=	37.9	SIGMA=	6.6	PHAS=	-175.9	FOM=	0.14	TEST=	1
INDE	29	31	62	FOBS=	63.7	SIGMA=	5.2	PHAS=	127.3	FOM=	0.56	TEST=	0
INDE	29	31	64	FOBS=	39.0	SIGMA=	14.5	PHAS=	-97.5	FOM=	0.21	TEST=	0
INDE	29	32	29	FOBS=	144.2	SIGMA=	1.4	PHAS=	-107.2	FOM=	0.70	TEST=	0
INDE	29	32	31	FOBS=	192.4	SIGMA=	1.1	PHAS=	17.2	FOM=	0.93	TEST=	0
INDE	29	32	33	FOBS=	112.5	SIGMA=	1.7	PHAS=	160.6	FOM=	0.87	TEST=	0
INDE	29	32	35	FOBS=	98.1	SIGMA=	2.0	PHAS=	-39.9	FOM=	0.70	TEST=	0
INDE	29	32	37	FOBS=	96.8	SIGMA=	2.0	PHAS=	173.1	FOM=	0.92	TEST=	0
INDE	29	32	39	FOBS=	98.8	SIGMA=	1.9	PHAS=	137.2	FOM=	0.90	TEST=	0
INDE	29	32	41	FOBS=	166.4	SIGMA=	1.2	PHAS=	148.9	FOM=	0.96	TEST=	0
INDE	29	32	43	FOBS=	144.0	SIGMA=	1.3	PHAS=	-118.2	FOM=	0.87	TEST=	0
INDE	29	32	45	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	32	47	FOBS=	113.1	SIGMA=	1.5	PHAS=	-30.7	FOM=	0.94	TEST=	0
INDE	29	32	49	FOBS=	46.6	SIGMA=	3.4	PHAS=	-26.0	FOM=	0.67	TEST=	0
INDE	29	32	51	FOBS=	32.3	SIGMA=	5.4	PHAS=	-102.8	FOM=	0.59	TEST=	0
INDE	29	32	53	FOBS=	82.8	SIGMA=	2.3	PHAS=	13.4	FOM=	0.88	TEST=	0
INDE	29	32	55	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	29	32	57	FOBS=	74.1	SIGMA=	3.1	PHAS=	-117.0	FOM=	0.81	TEST=	0
INDE	29	32	59	FOBS=	48.0	SIGMA=	5.2	PHAS=	32.2	FOM=	0.74	TEST=	0
INDE	29	32	61	FOBS=	18.3	SIGMA=	17.7	PHAS=	139.4	FOM=	0.47	TEST=	0
INDE	29	32	63	FOBS=	69.0	SIGMA=	4.9	PHAS=	-87.5	FOM=	0.52	TEST=	0
INDE	29	33	30	FOBS=	133.8	SIGMA=	1.4	PHAS=	-169.0	FOM=	0.83	TEST=	0
INDE	29	33	32	FOBS=	154.6	SIGMA=	1.3	PHAS=	-175.9	FOM=	0.87	TEST=	0
INDE	29	33	34	FOBS=	66.9	SIGMA=	2.8	PHAS=	-166.4	FOM=	0.72	TEST=	0
INDE	29	33	36	FOBS=	75.6	SIGMA=	2.5	PHAS=	128.8	FOM=	0.85	TEST=	0
INDE	29	33	38	FOBS=	41.6	SIGMA=	4.4	PHAS=	92.4	FOM=	0.91	TEST=	0
INDE	29	33	40	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	33	42	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	33	44	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	33	46	FOBS=	73.3	SIGMA=	2.4	PHAS=	-31.4	FOM=	0.66	TEST=	0
INDE	29	33	48	FOBS=	120.2	SIGMA=	1.4	PHAS=	-132.5	FOM=	0.80	TEST=	0
INDE	29	33	50	FOBS=	19.5	SIGMA=	8.9	PHAS=	-16.6	FOM=	0.15	TEST=	0
INDE	29	33	52	FOBS=	45.0	SIGMA=	3.8	PHAS=	122.7	FOM=	0.27	TEST=	0
INDE	29	33	54	FOBS=	29.1	SIGMA=	7.6	PHAS=	141.5	FOM=	0.27	TEST=	0
INDE	29	33	56	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	33	58	FOBS=	80.5	SIGMA=	2.6	PHAS=	-146.2	FOM=	0.92	TEST=	0
INDE	29	33	60	FOBS=	35.1	SIGMA=	9.5	PHAS=	-28.6	FOM=	0.69	TEST=	0
INDE	29	33	62	FOBS=	55.3	SIGMA=	6.1	PHAS=	145.9	FOM=	0.82	TEST=	0
INDE	29	33	64	FOBS=	95.1	SIGMA=	3.7	PHAS=	130.0	FOM=	0.92	TEST=	0
INDE	29	34	29	FOBS=	133.3	SIGMA=	1.4	PHAS=	20.0	FOM=	0.95	TEST=	0

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INDE	29	34	31	FOBS=	64.7	SIGMA=	3.3	PHAS=	23.9	FOM=	0.80	TEST=	0
INDE	29	34	33	FOBS=	140.0	SIGMA=	1.4	PHAS=	130.9	FOM=	0.83	TEST=	1
INDE	29	34	35	FOBS=	135.0	SIGMA=	1.4	PHAS=	104.4	FOM=	0.88	TEST=	0
INDE	29	34	37	FOBS=	115.1	SIGMA=	1.7	PHAS=	134.7	FOM=	0.83	TEST=	0
INDE	29	34	39	FOBS=	90.1	SIGMA=	2.1	PHAS=	85.6	FOM=	0.86	TEST=	0
INDE	29	34	41	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	29	34	43	FOBS=	36.1	SIGMA=	5.0	PHAS=	-171.1	FOM=	0.57	TEST=	0
INDE	29	34	45	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	34	47	FOBS=	42.0	SIGMA=	4.3	PHAS=	-138.0	FOM=	0.30	TEST=	0
INDE	29	34	49	FOBS=	30.3	SIGMA=	6.1	PHAS=	-31.4	FOM=	0.39	TEST=	0
INDE	29	34	51	FOBS=	108.6	SIGMA=	1.7	PHAS=	-100.0	FOM=	0.90	TEST=	0
INDE	29	34	53	FOBS=	51.6	SIGMA=	3.8	PHAS=	68.6	FOM=	0.75	TEST=	0
INDE	29	34	55	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	34	57	FOBS=	39.8	SIGMA=	5.3	PHAS=	117.9	FOM=	0.79	TEST=	0
INDE	29	34	59	FOBS=	52.3	SIGMA=	4.8	PHAS=	-36.8	FOM=	0.48	TEST=	0
INDE	29	34	61	FOBS=	38.0	SIGMA=	8.8	PHAS=	84.0	FOM=	0.67	TEST=	0
INDE	29	34	63	FOBS=	109.5	SIGMA=	3.2	PHAS=	24.7	FOM=	0.93	TEST=	0
INDE	29	35	30	FOBS=	252.3	SIGMA=	1.0	PHAS=	-171.4	FOM=	0.97	TEST=	0
INDE	29	35	32	FOBS=	139.8	SIGMA=	1.5	PHAS=	166.3	FOM=	0.96	TEST=	0
INDE	29	35	34	FOBS=	157.4	SIGMA=	1.2	PHAS=	18.5	FOM=	0.85	TEST=	0
INDE	29	35	36	FOBS=	141.2	SIGMA=	1.4	PHAS=	56.5	FOM=	0.89	TEST=	0
INDE	29	35	38	FOBS=	141.5	SIGMA=	1.4	PHAS=	27.3	FOM=	0.96	TEST=	0
INDE	29	35	40	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	29	35	42	FOBS=	67.6	SIGMA=	2.7	PHAS=	174.4	FOM=	0.16	TEST=	1
INDE	29	35	44	FOBS=	35.9	SIGMA=	4.9	PHAS=	-8.4	FOM=	0.30	TEST=	0
INDE	29	35	46	FOBS=	62.8	SIGMA=	3.0	PHAS=	-58.0	FOM=	0.84	TEST=	0
INDE	29	35	48	FOBS=	105.5	SIGMA=	1.7	PHAS=	-125.6	FOM=	0.92	TEST=	0
INDE	29	35	50	FOBS=	42.4	SIGMA=	4.1	PHAS=	72.7	FOM=	0.47	TEST=	0
INDE	29	35	52	FOBS=	64.0	SIGMA=	2.7	PHAS=	127.4	FOM=	0.56	TEST=	1
INDE	29	35	54	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	35	56	FOBS=	102.5	SIGMA=	2.1	PHAS=	-14.4	FOM=	0.92	TEST=	0
INDE	29	35	58	FOBS=	66.2	SIGMA=	3.8	PHAS=	88.9	FOM=	0.44	TEST=	0
INDE	29	35	60	FOBS=	39.7	SIGMA=	6.9	PHAS=	-105.6	FOM=	0.43	TEST=	0
INDE	29	35	62	FOBS=	91.4	SIGMA=	3.8	PHAS=	-29.9	FOM=	0.87	TEST=	0
INDE	29	36	29	FOBS=	275.6	SIGMA=	0.8	PHAS=	43.7	FOM=	0.97	TEST=	0
INDE	29	36	31	FOBS=	185.9	SIGMA=	1.1	PHAS=	90.7	FOM=	0.96	TEST=	0
INDE	29	36	33	FOBS=	81.9	SIGMA=	2.3	PHAS=	-170.5	FOM=	0.84	TEST=	0
INDE	29	36	35	FOBS=	74.2	SIGMA=	2.5	PHAS=	-0.7	FOM=	0.67	TEST=	0
INDE	29	36	37	FOBS=	114.4	SIGMA=	1.7	PHAS=	-62.7	FOM=	0.86	TEST=	0
INDE	29	36	39	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	36	41	FOBS=	102.8	SIGMA=	1.8	PHAS=	-50.0	FOM=	0.71	TEST=	1
INDE	29	36	43	FOBS=	37.5	SIGMA=	4.8	PHAS=	146.0	FOM=	0.43	TEST=	0
INDE	29	36	45	FOBS=	98.4	SIGMA=	1.9	PHAS=	161.8	FOM=	0.92	TEST=	0
INDE	29	36	47	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	36	49	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	36	51	FOBS=	36.3	SIGMA=	5.1	PHAS=	-44.6	FOM=	0.51	TEST=	0
INDE	29	36	53	FOBS=	50.8	SIGMA=	3.7	PHAS=	151.2	FOM=	0.73	TEST=	0
INDE	29	36	55	FOBS=	63.0	SIGMA=	3.2	PHAS=	-174.4	FOM=	0.79	TEST=	0
INDE	29	36	57	FOBS=	17.4	SIGMA=	16.2	PHAS=	-44.2	FOM=	0.08	TEST=	0
INDE	29	36	59	FOBS=	56.4	SIGMA=	4.5	PHAS=	-55.9	FOM=	0.82	TEST=	0
INDE	29	36	61	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	37	30	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	37	32	FOBS=	30.5	SIGMA=	6.6	PHAS=	96.0	FOM=	0.47	TEST=	0
INDE	29	37	34	FOBS=	49.3	SIGMA=	3.7	PHAS=	120.0	FOM=	0.33	TEST=	0
INDE	29	37	36	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	37	38	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	37	40	FOBS=	77.8	SIGMA=	2.4	PHAS=	-138.4	FOM=	0.90	TEST=	0
INDE	29	37	42	FOBS=	42.6	SIGMA=	4.3	PHAS=	178.2	FOM=	0.49	TEST=	1
INDE	29	37	44	FOBS=	89.7	SIGMA=	2.0	PHAS=	6.0	FOM=	0.81	TEST=	0
INDE	29	37	46	FOBS=	47.7	SIGMA=	3.7	PHAS=	-79.7	FOM=	0.76	TEST=	0
INDE	29	37	48	FOBS=	58.5	SIGMA=	3.0	PHAS=	91.6	FOM=	0.43	TEST=	0
INDE	29	37	50	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	37	52	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	37	54	FOBS=	69.2	SIGMA=	2.9	PHAS=	123.8	FOM=	0.88	TEST=	0
INDE	29	37	56	FOBS=	77.3	SIGMA=	2.8	PHAS=	-5.5	FOM=	0.83	TEST=	0
INDE	29	37	58	FOBS=	9.1	SIGMA=	34.8	PHAS=	-17.8	FOM=	0.11	TEST=	0
INDE	29	37	60	FOBS=	54.7	SIGMA=	4.7	PHAS=	-165.6	FOM=	0.69	TEST=	0
INDE	29	38	29	FOBS=	86.6	SIGMA=	1.9	PHAS=	108.7	FOM=	0.56	TEST=	0
INDE	29	38	31	FOBS=	73.6	SIGMA=	2.4	PHAS=	137.1	FOM=	0.93	TEST=	0
INDE	29	38	33	FOBS=	73.2	SIGMA=	2.6	PHAS=	-153.6	FOM=	0.69	TEST=	0

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INDE	29	38	35	FOBS=	53.8	SIGMA=	3.2	PHAS=	18.5	FOM=	0.82	TEST=	0
INDE	29	38	37	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	38	39	FOBS=	45.7	SIGMA=	4.0	PHAS=	139.9	FOM=	0.84	TEST=	0
INDE	29	38	41	FOBS=	45.8	SIGMA=	4.2	PHAS=	87.6	FOM=	0.52	TEST=	0
INDE	29	38	43	FOBS=	58.0	SIGMA=	3.1	PHAS=	173.1	FOM=	0.41	TEST=	1
INDE	29	38	45	FOBS=	167.7	SIGMA=	1.2	PHAS=	168.8	FOM=	0.96	TEST=	0
INDE	29	38	47	FOBS=	98.7	SIGMA=	1.8	PHAS=	-14.4	FOM=	0.86	TEST=	0
INDE	29	38	49	FOBS=	81.0	SIGMA=	2.2	PHAS=	33.1	FOM=	0.87	TEST=	0
INDE	29	38	51	FOBS=	0.0	SIGMA=	18.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	38	53	FOBS=	66.7	SIGMA=	3.3	PHAS=	52.2	FOM=	0.86	TEST=	0
INDE	29	38	55	FOBS=	66.7	SIGMA=	3.3	PHAS=	141.9	FOM=	0.65	TEST=	0
INDE	29	38	57	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	38	59	FOBS=	26.0	SIGMA=	15.3	PHAS=	-126.3	FOM=	0.01	TEST=	0
INDE	29	38	61	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	39	30	FOBS=	128.7	SIGMA=	1.3	PHAS=	62.5	FOM=	0.95	TEST=	0
INDE	29	39	32	FOBS=	68.4	SIGMA=	2.6	PHAS=	72.1	FOM=	0.73	TEST=	0
INDE	29	39	34	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	39	36	FOBS=	95.1	SIGMA=	1.7	PHAS=	-66.7	FOM=	0.81	TEST=	0
INDE	29	39	38	FOBS=	74.6	SIGMA=	2.2	PHAS=	46.7	FOM=	0.92	TEST=	0
INDE	29	39	40	FOBS=	27.3	SIGMA=	6.3	PHAS=	-81.7	FOM=	0.43	TEST=	0
INDE	29	39	42	FOBS=	22.1	SIGMA=	9.0	PHAS=	161.8	FOM=	0.12	TEST=	0
INDE	29	39	44	FOBS=	77.9	SIGMA=	2.4	PHAS=	51.4	FOM=	0.84	TEST=	0
INDE	29	39	46	FOBS=	80.1	SIGMA=	2.3	PHAS=	-81.2	FOM=	0.90	TEST=	0
INDE	29	39	48	FOBS=	90.3	SIGMA=	2.0	PHAS=	-99.1	FOM=	0.68	TEST=	0
INDE	29	39	50	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	39	52	FOBS=	118.9	SIGMA=	1.9	PHAS=	18.6	FOM=	0.96	TEST=	0
INDE	29	39	54	FOBS=	66.1	SIGMA=	3.3	PHAS=	24.6	FOM=	0.38	TEST=	0
INDE	29	39	56	FOBS=	30.1	SIGMA=	7.7	PHAS=	69.9	FOM=	0.37	TEST=	0
INDE	29	39	58	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	39	60	FOBS=	80.1	SIGMA=	4.4	PHAS=	-60.0	FOM=	0.92	TEST=	0
INDE	29	40	29	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	40	31	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	29	40	33	FOBS=	150.4	SIGMA=	1.3	PHAS=	-86.1	FOM=	0.95	TEST=	0
INDE	29	40	35	FOBS=	78.4	SIGMA=	2.1	PHAS=	-58.6	FOM=	0.80	TEST=	0
INDE	29	40	37	FOBS=	54.4	SIGMA=	3.0	PHAS=	-119.2	FOM=	0.84	TEST=	0
INDE	29	40	39	FOBS=	10.5	SIGMA=	16.9	PHAS=	-54.6	FOM=	0.30	TEST=	0
INDE	29	40	41	FOBS=	108.1	SIGMA=	1.6	PHAS=	123.5	FOM=	0.86	TEST=	0
INDE	29	40	43	FOBS=	56.0	SIGMA=	2.9	PHAS=	108.7	FOM=	0.13	TEST=	1
INDE	29	40	45	FOBS=	81.6	SIGMA=	2.0	PHAS=	-166.2	FOM=	0.93	TEST=	0
INDE	29	40	47	FOBS=	7.2	SIGMA=	24.6	PHAS=	-125.3	FOM=	0.10	TEST=	0
INDE	29	40	49	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	40	51	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	40	53	FOBS=	126.5	SIGMA=	1.8	PHAS=	-45.7	FOM=	0.97	TEST=	0
INDE	29	40	55	FOBS=	66.9	SIGMA=	3.3	PHAS=	-172.6	FOM=	0.76	TEST=	0
INDE	29	40	57	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	40	59	FOBS=	88.9	SIGMA=	2.8	PHAS=	-169.6	FOM=	0.91	TEST=	0
INDE	29	41	30	FOBS=	19.2	SIGMA=	8.7	PHAS=	-125.5	FOM=	0.46	TEST=	0
INDE	29	41	32	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	41	34	FOBS=	24.6	SIGMA=	7.6	PHAS=	-154.9	FOM=	0.30	TEST=	1
INDE	29	41	36	FOBS=	56.6	SIGMA=	2.9	PHAS=	-65.8	FOM=	0.03	TEST=	0
INDE	29	41	38	FOBS=	78.3	SIGMA=	2.1	PHAS=	134.6	FOM=	0.11	TEST=	1
INDE	29	41	40	FOBS=	54.9	SIGMA=	3.0	PHAS=	-41.0	FOM=	0.80	TEST=	0
INDE	29	41	42	FOBS=	158.3	SIGMA=	1.1	PHAS=	-40.5	FOM=	0.92	TEST=	0
INDE	29	41	44	FOBS=	90.7	SIGMA=	1.9	PHAS=	46.1	FOM=	0.91	TEST=	0
INDE	29	41	46	FOBS=	34.1	SIGMA=	5.4	PHAS=	123.6	FOM=	0.61	TEST=	0
INDE	29	41	48	FOBS=	54.5	SIGMA=	3.0	PHAS=	99.1	FOM=	0.35	TEST=	0
INDE	29	41	50	FOBS=	52.5	SIGMA=	3.6	PHAS=	-49.7	FOM=	0.72	TEST=	0
INDE	29	41	52	FOBS=	64.8	SIGMA=	3.4	PHAS=	-61.2	FOM=	0.82	TEST=	0
INDE	29	41	54	FOBS=	53.3	SIGMA=	4.9	PHAS=	99.4	FOM=	0.75	TEST=	0
INDE	29	41	56	FOBS=	77.9	SIGMA=	2.9	PHAS=	138.9	FOM=	0.88	TEST=	0
INDE	29	41	58	FOBS=	37.7	SIGMA=	6.4	PHAS=	99.4	FOM=	0.51	TEST=	0
INDE	29	42	29	FOBS=	96.2	SIGMA=	1.7	PHAS=	114.9	FOM=	0.94	TEST=	0
INDE	29	42	31	FOBS=	153.1	SIGMA=	1.1	PHAS=	150.6	FOM=	0.89	TEST=	0
INDE	29	42	33	FOBS=	76.5	SIGMA=	2.4	PHAS=	-109.4	FOM=	0.85	TEST=	0
INDE	29	42	35	FOBS=	79.9	SIGMA=	2.2	PHAS=	-44.4	FOM=	0.88	TEST=	0
INDE	29	42	37	FOBS=	91.1	SIGMA=	1.8	PHAS=	-106.0	FOM=	0.91	TEST=	0
INDE	29	42	39	FOBS=	79.6	SIGMA=	2.1	PHAS=	-49.2	FOM=	0.77	TEST=	0
INDE	29	42	41	FOBS=	33.8	SIGMA=	4.9	PHAS=	-141.5	FOM=	0.55	TEST=	0
INDE	29	42	43	FOBS=	104.5	SIGMA=	1.6	PHAS=	-48.5	FOM=	0.94	TEST=	0
INDE	29	42	45	FOBS=	34.8	SIGMA=	5.4	PHAS=	-42.9	FOM=	0.73	TEST=	0

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INDE	29	42	47	FOBS=	77.7	SIGMA=	2.1	PHAS=	-53.0	FOM=	0.89	TEST=	0
INDE	29	42	49	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	42	51	FOBS=	66.0	SIGMA=	2.9	PHAS=	-142.5	FOM=	0.47	TEST=	0
INDE	29	42	53	FOBS=	90.3	SIGMA=	2.3	PHAS=	-46.6	FOM=	0.94	TEST=	0
INDE	29	42	55	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	42	57	FOBS=	54.4	SIGMA=	4.6	PHAS=	47.3	FOM=	0.92	TEST=	0
INDE	29	43	30	FOBS=	71.8	SIGMA=	2.4	PHAS=	-75.2	FOM=	0.92	TEST=	0
INDE	29	43	32	FOBS=	55.5	SIGMA=	3.2	PHAS=	73.5	FOM=	0.71	TEST=	0
INDE	29	43	34	FOBS=	23.6	SIGMA=	8.8	PHAS=	-63.2	FOM=	0.48	TEST=	0
INDE	29	43	36	FOBS=	45.4	SIGMA=	3.9	PHAS=	58.7	FOM=	0.32	TEST=	0
INDE	29	43	38	FOBS=	59.5	SIGMA=	2.8	PHAS=	150.8	FOM=	0.43	TEST=	0
INDE	29	43	40	FOBS=	0.0	SIGMA=	18.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	43	42	FOBS=	70.6	SIGMA=	2.4	PHAS=	-80.1	FOM=	0.79	TEST=	0
INDE	29	43	44	FOBS=	28.5	SIGMA=	6.6	PHAS=	147.3	FOM=	0.45	TEST=	0
INDE	29	43	46	FOBS=	30.6	SIGMA=	5.4	PHAS=	73.3	FOM=	0.53	TEST=	0
INDE	29	43	48	FOBS=	55.3	SIGMA=	3.3	PHAS=	-28.3	FOM=	0.52	TEST=	0
INDE	29	43	50	FOBS=	25.8	SIGMA=	8.5	PHAS=	-95.6	FOM=	0.55	TEST=	0
INDE	29	43	52	FOBS=	66.3	SIGMA=	3.0	PHAS=	-96.8	FOM=	0.86	TEST=	0
INDE	29	43	54	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	29	43	56	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	44	29	FOBS=	152.2	SIGMA=	1.1	PHAS=	146.1	FOM=	0.93	TEST=	0
INDE	29	44	31	FOBS=	82.2	SIGMA=	2.0	PHAS=	164.5	FOM=	0.92	TEST=	0
INDE	29	44	33	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	44	35	FOBS=	55.6	SIGMA=	3.2	PHAS=	5.6	FOM=	0.65	TEST=	0
INDE	29	44	37	FOBS=	94.0	SIGMA=	1.8	PHAS=	-70.7	FOM=	0.91	TEST=	0
INDE	29	44	39	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	44	41	FOBS=	44.5	SIGMA=	3.7	PHAS=	-126.0	FOM=	0.72	TEST=	0
INDE	29	44	43	FOBS=	85.2	SIGMA=	2.0	PHAS=	-19.8	FOM=	0.87	TEST=	0
INDE	29	44	45	FOBS=	123.9	SIGMA=	1.5	PHAS=	5.0	FOM=	0.92	TEST=	0
INDE	29	44	47	FOBS=	83.0	SIGMA=	2.2	PHAS=	-98.2	FOM=	0.90	TEST=	0
INDE	29	44	49	FOBS=	66.7	SIGMA=	2.8	PHAS=	-95.3	FOM=	0.56	TEST=	0
INDE	29	44	51	FOBS=	67.0	SIGMA=	3.0	PHAS=	-177.8	FOM=	0.77	TEST=	0
INDE	29	44	53	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	29	44	55	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	29	44	57	FOBS=	34.3	SIGMA=	6.9	PHAS=	75.3	FOM=	0.23	TEST=	0
INDE	29	45	30	FOBS=	53.5	SIGMA=	3.1	PHAS=	45.2	FOM=	0.79	TEST=	0
INDE	29	45	32	FOBS=	72.2	SIGMA=	2.3	PHAS=	14.8	FOM=	0.88	TEST=	0
INDE	29	45	34	FOBS=	128.0	SIGMA=	1.5	PHAS=	-30.0	FOM=	0.95	TEST=	0
INDE	29	45	36	FOBS=	30.1	SIGMA=	5.9	PHAS=	-87.4	FOM=	0.28	TEST=	0
INDE	29	45	38	FOBS=	41.3	SIGMA=	4.0	PHAS=	-35.2	FOM=	0.20	TEST=	0
INDE	29	45	40	FOBS=	86.9	SIGMA=	1.9	PHAS=	-39.1	FOM=	0.82	TEST=	0
INDE	29	45	42	FOBS=	52.2	SIGMA=	3.2	PHAS=	178.4	FOM=	0.72	TEST=	0
INDE	29	45	44	FOBS=	98.1	SIGMA=	1.9	PHAS=	-149.6	FOM=	0.92	TEST=	0
INDE	29	45	46	FOBS=	71.5	SIGMA=	2.6	PHAS=	158.5	FOM=	0.83	TEST=	0
INDE	29	45	48	FOBS=	64.0	SIGMA=	2.9	PHAS=	-121.3	FOM=	0.79	TEST=	0
INDE	29	45	50	FOBS=	49.5	SIGMA=	3.7	PHAS=	65.7	FOM=	0.36	TEST=	0
INDE	29	45	52	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	45	54	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	29	45	56	FOBS=	12.7	SIGMA=	20.0	PHAS=	45.8	FOM=	0.16	TEST=	0
INDE	29	46	29	FOBS=	147.5	SIGMA=	1.1	PHAS=	157.0	FOM=	0.96	TEST=	0
INDE	29	46	31	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	46	33	FOBS=	101.2	SIGMA=	1.8	PHAS=	-122.3	FOM=	0.63	TEST=	1
INDE	29	46	35	FOBS=	46.7	SIGMA=	3.8	PHAS=	-152.1	FOM=	0.71	TEST=	0
INDE	29	46	37	FOBS=	48.3	SIGMA=	3.7	PHAS=	-81.5	FOM=	0.74	TEST=	0
INDE	29	46	39	FOBS=	97.0	SIGMA=	1.8	PHAS=	-135.3	FOM=	0.89	TEST=	0
INDE	29	46	41	FOBS=	119.4	SIGMA=	1.4	PHAS=	68.7	FOM=	0.68	TEST=	0
INDE	29	46	43	FOBS=	44.6	SIGMA=	4.4	PHAS=	91.0	FOM=	0.79	TEST=	0
INDE	29	46	45	FOBS=	71.4	SIGMA=	2.6	PHAS=	41.8	FOM=	0.85	TEST=	0
INDE	29	46	47	FOBS=	37.6	SIGMA=	5.7	PHAS=	157.6	FOM=	0.47	TEST=	0
INDE	29	46	49	FOBS=	73.6	SIGMA=	2.6	PHAS=	-82.5	FOM=	0.68	TEST=	0
INDE	29	46	51	FOBS=	37.7	SIGMA=	5.3	PHAS=	-1.2	FOM=	0.57	TEST=	0
INDE	29	46	53	FOBS=	20.2	SIGMA=	10.4	PHAS=	28.5	FOM=	0.44	TEST=	0
INDE	29	46	55	FOBS=	38.2	SIGMA=	6.5	PHAS=	-112.6	FOM=	0.04	TEST=	0
INDE	29	47	30	FOBS=	61.9	SIGMA=	2.6	PHAS=	89.8	FOM=	0.83	TEST=	0
INDE	29	47	32	FOBS=	79.8	SIGMA=	2.1	PHAS=	-40.6	FOM=	0.91	TEST=	0
INDE	29	47	34	FOBS=	92.8	SIGMA=	2.0	PHAS=	81.6	FOM=	0.88	TEST=	0
INDE	29	47	36	FOBS=	50.9	SIGMA=	3.5	PHAS=	71.6	FOM=	0.59	TEST=	0
INDE	29	47	38	FOBS=	43.5	SIGMA=	4.3	PHAS=	46.2	FOM=	0.71	TEST=	0
INDE	29	47	40	FOBS=	107.1	SIGMA=	1.6	PHAS=	20.1	FOM=	0.95	TEST=	0
INDE	29	47	42	FOBS=	113.8	SIGMA=	1.7	PHAS=	-77.0	FOM=	0.42	TEST=	1

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INDE	29	47	44	FOBS=	55.0	SIGMA=	3.4	PHAS=	152.7	FOM=	0.36	TEST=	0
INDE	29	47	46	FOBS=	71.3	SIGMA=	2.6	PHAS=	-0.9	FOM=	0.65	TEST=	0
INDE	29	47	48	FOBS=	64.7	SIGMA=	2.9	PHAS=	-89.1	FOM=	0.89	TEST=	0
INDE	29	47	50	FOBS=	31.2	SIGMA=	6.9	PHAS=	-174.3	FOM=	0.57	TEST=	0
INDE	29	47	52	FOBS=	95.6	SIGMA=	2.2	PHAS=	-58.7	FOM=	0.91	TEST=	0
INDE	29	47	54	FOBS=	51.3	SIGMA=	4.7	PHAS=	-161.4	FOM=	0.77	TEST=	0
INDE	29	48	29	FOBS=	115.9	SIGMA=	1.4	PHAS=	111.9	FOM=	0.86	TEST=	0
INDE	29	48	31	FOBS=	84.0	SIGMA=	1.9	PHAS=	-178.3	FOM=	0.87	TEST=	0
INDE	29	48	33	FOBS=	27.5	SIGMA=	6.8	PHAS=	-88.7	FOM=	0.39	TEST=	0
INDE	29	48	35	FOBS=	48.0	SIGMA=	3.8	PHAS=	-5.7	FOM=	0.53	TEST=	0
INDE	29	48	37	FOBS=	83.4	SIGMA=	2.2	PHAS=	-72.9	FOM=	0.92	TEST=	0
INDE	29	48	39	FOBS=	153.1	SIGMA=	1.3	PHAS=	-72.0	FOM=	0.95	TEST=	0
INDE	29	48	41	FOBS=	63.4	SIGMA=	2.9	PHAS=	-96.7	FOM=	0.88	TEST=	0
INDE	29	48	43	FOBS=	44.9	SIGMA=	4.3	PHAS=	-82.7	FOM=	0.40	TEST=	0
INDE	29	48	45	FOBS=	35.2	SIGMA=	5.9	PHAS=	-90.2	FOM=	0.63	TEST=	0
INDE	29	48	47	FOBS=	117.7	SIGMA=	1.7	PHAS=	162.8	FOM=	0.95	TEST=	0
INDE	29	48	49	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	48	51	FOBS=	104.7	SIGMA=	2.2	PHAS=	155.8	FOM=	0.94	TEST=	0
INDE	29	48	53	FOBS=	69.3	SIGMA=	3.8	PHAS=	170.1	FOM=	0.85	TEST=	0
INDE	29	49	30	FOBS=	68.8	SIGMA=	2.3	PHAS=	39.5	FOM=	0.62	TEST=	0
INDE	29	49	32	FOBS=	46.2	SIGMA=	3.4	PHAS=	-1.3	FOM=	0.66	TEST=	0
INDE	29	49	34	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	29	49	36	FOBS=	138.3	SIGMA=	1.4	PHAS=	137.6	FOM=	0.95	TEST=	0
INDE	29	49	38	FOBS=	62.0	SIGMA=	3.3	PHAS=	-165.5	FOM=	0.76	TEST=	0
INDE	29	49	40	FOBS=	69.2	SIGMA=	2.7	PHAS=	154.7	FOM=	0.83	TEST=	0
INDE	29	49	42	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	49	44	FOBS=	20.8	SIGMA=	9.5	PHAS=	-72.5	FOM=	0.18	TEST=	0
INDE	29	49	46	FOBS=	24.2	SIGMA=	9.5	PHAS=	-168.4	FOM=	0.52	TEST=	0
INDE	29	49	48	FOBS=	55.4	SIGMA=	4.6	PHAS=	37.9	FOM=	0.58	TEST=	0
INDE	29	49	50	FOBS=	75.3	SIGMA=	3.2	PHAS=	76.0	FOM=	0.92	TEST=	0
INDE	29	49	52	FOBS=	25.7	SIGMA=	12.5	PHAS=	62.0	FOM=	0.80	TEST=	0
INDE	29	50	29	FOBS=	16.7	SIGMA=	9.8	PHAS=	-168.5	FOM=	0.16	TEST=	0
INDE	29	50	31	FOBS=	151.8	SIGMA=	1.1	PHAS=	-92.0	FOM=	0.93	TEST=	0
INDE	29	50	33	FOBS=	56.6	SIGMA=	2.9	PHAS=	-145.0	FOM=	0.64	TEST=	0
INDE	29	50	35	FOBS=	59.0	SIGMA=	3.2	PHAS=	15.1	FOM=	0.81	TEST=	0
INDE	29	50	37	FOBS=	63.2	SIGMA=	3.2	PHAS=	-75.8	FOM=	0.14	TEST=	1
INDE	29	50	39	FOBS=	41.5	SIGMA=	5.3	PHAS=	111.2	FOM=	0.23	TEST=	0
INDE	29	50	41	FOBS=	48.7	SIGMA=	4.0	PHAS=	4.7	FOM=	0.63	TEST=	0
INDE	29	50	43	FOBS=	47.3	SIGMA=	4.5	PHAS=	35.4	FOM=	0.63	TEST=	0
INDE	29	50	45	FOBS=	6.2	SIGMA=	34.3	PHAS=	-135.6	FOM=	0.20	TEST=	0
INDE	29	50	47	FOBS=	123.2	SIGMA=	1.9	PHAS=	170.5	FOM=	0.52	TEST=	1
INDE	29	50	49	FOBS=	60.3	SIGMA=	4.1	PHAS=	27.4	FOM=	0.89	TEST=	0
INDE	29	50	51	FOBS=	72.5	SIGMA=	3.4	PHAS=	-46.2	FOM=	0.67	TEST=	0
INDE	29	51	30	FOBS=	57.3	SIGMA=	2.8	PHAS=	129.7	FOM=	0.74	TEST=	0
INDE	29	51	32	FOBS=	88.8	SIGMA=	1.8	PHAS=	100.6	FOM=	0.92	TEST=	0
INDE	29	51	34	FOBS=	74.3	SIGMA=	2.9	PHAS=	-114.1	FOM=	0.39	TEST=	1
INDE	29	51	36	FOBS=	52.7	SIGMA=	4.4	PHAS=	64.5	FOM=	0.78	TEST=	0
INDE	29	51	38	FOBS=	135.8	SIGMA=	1.7	PHAS=	34.2	FOM=	0.95	TEST=	0
INDE	29	51	40	FOBS=	46.7	SIGMA=	5.2	PHAS=	-33.9	FOM=	0.58	TEST=	0
INDE	29	51	42	FOBS=	63.3	SIGMA=	3.4	PHAS=	32.0	FOM=	0.85	TEST=	0
INDE	29	51	44	FOBS=	91.9	SIGMA=	2.4	PHAS=	-36.8	FOM=	0.87	TEST=	0
INDE	29	51	46	FOBS=	31.3	SIGMA=	7.5	PHAS=	133.0	FOM=	0.53	TEST=	0
INDE	29	51	48	FOBS=	113.9	SIGMA=	2.0	PHAS=	44.9	FOM=	0.97	TEST=	0
INDE	29	51	50	FOBS=	29.7	SIGMA=	8.3	PHAS=	164.6	FOM=	0.43	TEST=	0
INDE	29	52	29	FOBS=	63.5	SIGMA=	2.7	PHAS=	92.5	FOM=	0.90	TEST=	0
INDE	29	52	31	FOBS=	112.5	SIGMA=	1.6	PHAS=	-52.1	FOM=	0.95	TEST=	0
INDE	29	52	33	FOBS=	37.1	SIGMA=	6.0	PHAS=	32.2	FOM=	0.31	TEST=	0
INDE	29	52	35	FOBS=	47.1	SIGMA=	4.9	PHAS=	-117.5	FOM=	0.44	TEST=	0
INDE	29	52	37	FOBS=	100.3	SIGMA=	2.4	PHAS=	-95.3	FOM=	0.95	TEST=	0
INDE	29	52	39	FOBS=	119.6	SIGMA=	2.1	PHAS=	-115.1	FOM=	0.96	TEST=	0
INDE	29	52	41	FOBS=	67.5	SIGMA=	3.4	PHAS=	-30.7	FOM=	0.82	TEST=	0
INDE	29	52	43	FOBS=	25.5	SIGMA=	9.6	PHAS=	-76.1	FOM=	0.25	TEST=	0
INDE	29	52	45	FOBS=	59.5	SIGMA=	3.7	PHAS=	-142.1	FOM=	0.63	TEST=	1
INDE	29	52	47	FOBS=	57.8	SIGMA=	3.9	PHAS=	-69.7	FOM=	0.91	TEST=	0
INDE	29	52	49	FOBS=	129.5	SIGMA=	2.0	PHAS=	51.6	FOM=	0.34	TEST=	1
INDE	29	53	30	FOBS=	28.4	SIGMA=	7.7	PHAS=	-1.0	FOM=	0.37	TEST=	0
INDE	29	53	32	FOBS=	41.8	SIGMA=	4.9	PHAS=	82.9	FOM=	0.47	TEST=	0
INDE	29	53	34	FOBS=	5.1	SIGMA=	45.4	PHAS=	-38.5	FOM=	0.08	TEST=	0
INDE	29	53	36	FOBS=	128.8	SIGMA=	2.2	PHAS=	136.7	FOM=	0.93	TEST=	0
INDE	29	53	38	FOBS=	99.8	SIGMA=	2.5	PHAS=	120.9	FOM=	0.93	TEST=	0

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INDE	29	53	40	FOBS=	24.8	SIGMA=	12.6	PHAS=	144.8	FOM=	0.32	TEST=	0
INDE	29	53	42	FOBS=	11.5	SIGMA=	18.6	PHAS=	-0.8	FOM=	0.25	TEST=	0
INDE	29	53	44	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	53	46	FOBS=	72.1	SIGMA=	3.1	PHAS=	133.6	FOM=	0.90	TEST=	0
INDE	29	53	48	FOBS=	86.3	SIGMA=	2.7	PHAS=	-14.5	FOM=	0.01	TEST=	1
INDE	29	54	29	FOBS=	66.6	SIGMA=	3.3	PHAS=	168.1	FOM=	0.87	TEST=	0
INDE	29	54	31	FOBS=	75.5	SIGMA=	2.8	PHAS=	-54.7	FOM=	0.88	TEST=	0
INDE	29	54	33	FOBS=	77.4	SIGMA=	2.7	PHAS=	-89.3	FOM=	0.85	TEST=	0
INDE	29	54	35	FOBS=	67.8	SIGMA=	3.5	PHAS=	77.7	FOM=	0.83	TEST=	0
INDE	29	54	37	FOBS=	0.0	SIGMA=	22.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	54	39	FOBS=	31.4	SIGMA=	9.4	PHAS=	-107.5	FOM=	0.45	TEST=	0
INDE	29	54	41	FOBS=	38.9	SIGMA=	6.4	PHAS=	-161.0	FOM=	0.35	TEST=	0
INDE	29	54	43	FOBS=	22.7	SIGMA=	10.1	PHAS=	-143.0	FOM=	0.08	TEST=	0
INDE	29	54	45	FOBS=	23.4	SIGMA=	9.5	PHAS=	-23.8	FOM=	0.33	TEST=	0
INDE	29	54	47	FOBS=	29.1	SIGMA=	7.9	PHAS=	-41.7	FOM=	0.60	TEST=	0
INDE	29	55	30	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	55	32	FOBS=	22.0	SIGMA=	10.3	PHAS=	-37.0	FOM=	0.22	TEST=	0
INDE	29	55	34	FOBS=	42.0	SIGMA=	5.5	PHAS=	54.0	FOM=	0.44	TEST=	0
INDE	29	55	36	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	55	38	FOBS=	79.5	SIGMA=	3.1	PHAS=	119.3	FOM=	0.15	TEST=	1
INDE	29	55	40	FOBS=	0.0	SIGMA=	25.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	55	42	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	55	44	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	55	46	FOBS=	0.0	SIGMA=	24.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	56	29	FOBS=	69.7	SIGMA=	3.5	PHAS=	77.5	FOM=	0.63	TEST=	0
INDE	29	56	31	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	56	33	FOBS=	118.4	SIGMA=	1.9	PHAS=	-134.5	FOM=	0.88	TEST=	0
INDE	29	56	35	FOBS=	28.6	SIGMA=	8.9	PHAS=	-171.4	FOM=	0.35	TEST=	0
INDE	29	56	37	FOBS=	12.7	SIGMA=	19.0	PHAS=	-66.0	FOM=	0.38	TEST=	0
INDE	29	56	39	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	56	41	FOBS=	88.3	SIGMA=	2.9	PHAS=	100.7	FOM=	0.90	TEST=	0
INDE	29	56	43	FOBS=	55.8	SIGMA=	4.3	PHAS=	167.5	FOM=	0.88	TEST=	0
INDE	29	56	45	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	57	30	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	57	32	FOBS=	65.1	SIGMA=	3.8	PHAS=	-171.3	FOM=	0.45	TEST=	0
INDE	29	57	34	FOBS=	73.0	SIGMA=	3.0	PHAS=	108.5	FOM=	0.76	TEST=	0
INDE	29	57	36	FOBS=	28.3	SIGMA=	8.4	PHAS=	121.5	FOM=	0.26	TEST=	0
INDE	29	57	38	FOBS=	41.1	SIGMA=	6.0	PHAS=	167.1	FOM=	0.05	TEST=	1
INDE	29	57	40	FOBS=	77.3	SIGMA=	3.3	PHAS=	33.8	FOM=	0.87	TEST=	0
INDE	29	57	42	FOBS=	65.0	SIGMA=	4.0	PHAS=	-176.1	FOM=	0.88	TEST=	0
INDE	29	57	44	FOBS=	45.7	SIGMA=	6.6	PHAS=	49.7	FOM=	0.61	TEST=	0
INDE	29	58	29	FOBS=	83.6	SIGMA=	3.0	PHAS=	103.0	FOM=	0.87	TEST=	0
INDE	29	58	31	FOBS=	35.0	SIGMA=	7.0	PHAS=	110.7	FOM=	0.38	TEST=	0
INDE	29	58	33	FOBS=	51.4	SIGMA=	4.5	PHAS=	-99.3	FOM=	0.16	TEST=	0
INDE	29	58	35	FOBS=	0.0	SIGMA=	22.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	29	58	37	FOBS=	39.4	SIGMA=	6.2	PHAS=	-39.6	FOM=	0.14	TEST=	0
INDE	29	58	39	FOBS=	21.3	SIGMA=	11.7	PHAS=	-120.2	FOM=	0.02	TEST=	1
INDE	29	58	41	FOBS=	59.7	SIGMA=	4.9	PHAS=	61.6	FOM=	0.34	TEST=	1
INDE	29	59	30	FOBS=	63.0	SIGMA=	4.0	PHAS=	13.3	FOM=	0.85	TEST=	0
INDE	29	59	32	FOBS=	79.5	SIGMA=	3.2	PHAS=	-84.3	FOM=	0.85	TEST=	0
INDE	29	59	34	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	59	36	FOBS=	46.4	SIGMA=	5.8	PHAS=	141.3	FOM=	0.83	TEST=	0
INDE	29	59	38	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	59	40	FOBS=	0.0	SIGMA=	25.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	60	29	FOBS=	49.9	SIGMA=	5.6	PHAS=	-118.7	FOM=	0.09	TEST=	1
INDE	29	60	31	FOBS=	80.0	SIGMA=	3.5	PHAS=	-161.2	FOM=	0.81	TEST=	0
INDE	29	60	33	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	60	35	FOBS=	36.5	SIGMA=	7.1	PHAS=	99.2	FOM=	0.81	TEST=	0
INDE	29	60	37	FOBS=	81.9	SIGMA=	3.8	PHAS=	69.5	FOM=	0.90	TEST=	0
INDE	29	60	39	FOBS=	26.7	SIGMA=	11.9	PHAS=	18.8	FOM=	0.19	TEST=	0
INDE	29	61	30	FOBS=	74.3	SIGMA=	4.4	PHAS=	123.8	FOM=	0.49	TEST=	0
INDE	29	61	32	FOBS=	0.0	SIGMA=	25.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	61	34	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	61	36	FOBS=	12.6	SIGMA=	27.5	PHAS=	14.3	FOM=	0.38	TEST=	0
INDE	29	61	38	FOBS=	42.8	SIGMA=	7.4	PHAS=	70.0	FOM=	0.66	TEST=	0
INDE	29	62	29	FOBS=	37.5	SIGMA=	8.4	PHAS=	15.6	FOM=	0.66	TEST=	0
INDE	29	62	31	FOBS=	0.0	SIGMA=	25.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	62	33	FOBS=	0.0	SIGMA=	28.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	62	35	FOBS=	30.4	SIGMA=	8.6	PHAS=	-17.7	FOM=	0.53	TEST=	0
INDE	29	63	30	FOBS=	79.4	SIGMA=	4.2	PHAS=	-87.4	FOM=	0.88	TEST=	0

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INDE	29	63	32	FOBS=	77.5	SIGMA=	4.4	PHAS=	-82.1	FOM=	0.87	TEST=	0
INDE	29	63	34	FOBS=	66.7	SIGMA=	5.2	PHAS=	-105.6	FOM=	0.85	TEST=	0
INDE	29	64	29	FOBS=	47.8	SIGMA=	8.5	PHAS=	-133.8	FOM=	0.79	TEST=	0
INDE	29	64	31	FOBS=	0.0	SIGMA=	28.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	64	33	FOBS=	52.7	SIGMA=	6.6	PHAS=	-174.5	FOM=	0.87	TEST=	0
INDE	29	65	30	FOBS=	0.0	SIGMA=	33.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	29	66	29	FOBS=	13.0	SIGMA=	41.4	PHAS=	-109.9	FOM=	0.09	TEST=	0
INDE	30	30	30	FOBS=	554.4	SIGMA=	0.9	PHAS=	127.1	FOM=	0.98	TEST=	0
INDE	30	31	31	FOBS=	244.4	SIGMA=	0.8	PHAS=	5.3	FOM=	0.95	TEST=	0
INDE	30	31	33	FOBS=	183.8	SIGMA=	1.1	PHAS=	38.4	FOM=	0.95	TEST=	0
INDE	30	31	35	FOBS=	110.8	SIGMA=	1.7	PHAS=	172.1	FOM=	0.87	TEST=	0
INDE	30	31	37	FOBS=	70.1	SIGMA=	2.7	PHAS=	-92.4	FOM=	0.92	TEST=	0
INDE	30	31	39	FOBS=	92.1	SIGMA=	2.0	PHAS=	45.9	FOM=	0.92	TEST=	0
INDE	30	31	41	FOBS=	162.3	SIGMA=	1.2	PHAS=	41.9	FOM=	0.95	TEST=	0
INDE	30	31	43	FOBS=	79.6	SIGMA=	2.1	PHAS=	93.4	FOM=	0.77	TEST=	0
INDE	30	31	45	FOBS=	42.9	SIGMA=	4.1	PHAS=	-143.7	FOM=	0.46	TEST=	0
INDE	30	31	47	FOBS=	67.1	SIGMA=	2.4	PHAS=	-82.5	FOM=	0.47	TEST=	0
INDE	30	31	49	FOBS=	55.8	SIGMA=	3.0	PHAS=	-78.9	FOM=	0.32	TEST=	1
INDE	30	31	51	FOBS=	74.0	SIGMA=	2.3	PHAS=	163.3	FOM=	0.83	TEST=	0
INDE	30	31	53	FOBS=	66.5	SIGMA=	2.6	PHAS=	-102.9	FOM=	0.90	TEST=	0
INDE	30	31	55	FOBS=	54.2	SIGMA=	3.8	PHAS=	-69.1	FOM=	0.58	TEST=	0
INDE	30	31	57	FOBS=	91.2	SIGMA=	2.8	PHAS=	-127.8	FOM=	0.88	TEST=	0
INDE	30	31	59	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	31	61	FOBS=	87.6	SIGMA=	3.0	PHAS=	128.7	FOM=	0.90	TEST=	0
INDE	30	31	63	FOBS=	0.0	SIGMA=	28.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	32	30	FOBS=	158.1	SIGMA=	1.2	PHAS=	81.7	FOM=	0.91	TEST=	0
INDE	30	32	32	FOBS=	28.7	SIGMA=	6.4	PHAS=	-8.2	FOM=	0.19	TEST=	0
INDE	30	32	34	FOBS=	99.5	SIGMA=	1.9	PHAS=	80.9	FOM=	0.90	TEST=	0
INDE	30	32	36	FOBS=	23.3	SIGMA=	8.9	PHAS=	-32.4	FOM=	0.22	TEST=	0
INDE	30	32	38	FOBS=	107.7	SIGMA=	1.8	PHAS=	150.8	FOM=	0.94	TEST=	0
INDE	30	32	40	FOBS=	58.9	SIGMA=	3.2	PHAS=	-147.6	FOM=	0.84	TEST=	0
INDE	30	32	42	FOBS=	51.7	SIGMA=	3.5	PHAS=	41.0	FOM=	0.58	TEST=	0
INDE	30	32	44	FOBS=	45.0	SIGMA=	4.1	PHAS=	147.6	FOM=	0.37	TEST=	0
INDE	30	32	46	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	32	48	FOBS=	60.1	SIGMA=	2.7	PHAS=	-118.3	FOM=	0.81	TEST=	0
INDE	30	32	50	FOBS=	0.0	SIGMA=	17.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	30	32	52	FOBS=	78.1	SIGMA=	2.3	PHAS=	116.7	FOM=	0.73	TEST=	1
INDE	30	32	54	FOBS=	39.2	SIGMA=	4.7	PHAS=	-80.1	FOM=	0.48	TEST=	1
INDE	30	32	56	FOBS=	34.3	SIGMA=	6.5	PHAS=	150.5	FOM=	0.55	TEST=	0
INDE	30	32	58	FOBS=	117.6	SIGMA=	2.2	PHAS=	128.3	FOM=	0.96	TEST=	0
INDE	30	32	60	FOBS=	43.2	SIGMA=	5.9	PHAS=	-124.2	FOM=	0.73	TEST=	0
INDE	30	32	62	FOBS=	92.3	SIGMA=	3.7	PHAS=	42.4	FOM=	0.93	TEST=	0
INDE	30	32	64	FOBS=	24.9	SIGMA=	13.9	PHAS=	48.9	FOM=	0.56	TEST=	0
INDE	30	33	31	FOBS=	204.0	SIGMA=	0.9	PHAS=	-43.7	FOM=	0.95	TEST=	0
INDE	30	33	33	FOBS=	175.2	SIGMA=	1.2	PHAS=	72.5	FOM=	0.95	TEST=	0
INDE	30	33	35	FOBS=	109.6	SIGMA=	1.8	PHAS=	93.7	FOM=	0.81	TEST=	0
INDE	30	33	37	FOBS=	58.8	SIGMA=	3.2	PHAS=	16.9	FOM=	0.84	TEST=	0
INDE	30	33	39	FOBS=	191.8	SIGMA=	1.1	PHAS=	-5.5	FOM=	0.92	TEST=	0
INDE	30	33	41	FOBS=	93.8	SIGMA=	2.0	PHAS=	2.8	FOM=	0.78	TEST=	0
INDE	30	33	43	FOBS=	29.1	SIGMA=	6.2	PHAS=	91.2	FOM=	0.43	TEST=	0
INDE	30	33	45	FOBS=	65.6	SIGMA=	2.7	PHAS=	29.7	FOM=	0.83	TEST=	0
INDE	30	33	47	FOBS=	51.3	SIGMA=	3.1	PHAS=	-87.1	FOM=	0.66	TEST=	0
INDE	30	33	49	FOBS=	119.6	SIGMA=	1.5	PHAS=	124.0	FOM=	0.47	TEST=	1
INDE	30	33	51	FOBS=	44.3	SIGMA=	4.1	PHAS=	154.2	FOM=	0.58	TEST=	0
INDE	30	33	53	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	33	55	FOBS=	52.7	SIGMA=	3.7	PHAS=	40.1	FOM=	0.28	TEST=	1
INDE	30	33	57	FOBS=	16.3	SIGMA=	14.8	PHAS=	-56.3	FOM=	0.05	TEST=	0
INDE	30	33	59	FOBS=	90.5	SIGMA=	2.9	PHAS=	50.1	FOM=	0.86	TEST=	0
INDE	30	33	61	FOBS=	0.0	SIGMA=	26.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	33	63	FOBS=	77.5	SIGMA=	4.5	PHAS=	-76.7	FOM=	0.91	TEST=	0
INDE	30	34	30	FOBS=	108.6	SIGMA=	1.8	PHAS=	70.8	FOM=	0.84	TEST=	0
INDE	30	34	32	FOBS=	24.4	SIGMA=	7.2	PHAS=	-157.5	FOM=	0.42	TEST=	0
INDE	30	34	34	FOBS=	99.3	SIGMA=	1.9	PHAS=	82.0	FOM=	0.94	TEST=	0
INDE	30	34	36	FOBS=	160.6	SIGMA=	1.2	PHAS=	-29.1	FOM=	0.95	TEST=	0
INDE	30	34	38	FOBS=	149.5	SIGMA=	1.3	PHAS=	-119.2	FOM=	0.95	TEST=	0
INDE	30	34	40	FOBS=	109.0	SIGMA=	1.7	PHAS=	-119.1	FOM=	0.91	TEST=	0
INDE	30	34	42	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	34	44	FOBS=	81.2	SIGMA=	2.2	PHAS=	-77.3	FOM=	0.85	TEST=	0
INDE	30	34	46	FOBS=	111.9	SIGMA=	1.6	PHAS=	-142.4	FOM=	0.90	TEST=	0
INDE	30	34	48	FOBS=	48.2	SIGMA=	3.7	PHAS=	103.2	FOM=	0.59	TEST=	0

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INDE	30	34	50	FOBS=	119.1	SIGMA=	1.5	PHAS=	-9.7	FOM=	0.94	TEST=	0
INDE	30	34	52	FOBS=	44.0	SIGMA=	4.0	PHAS=	58.2	FOM=	0.83	TEST=	0
INDE	30	34	54	FOBS=	86.1	SIGMA=	2.2	PHAS=	-51.7	FOM=	0.90	TEST=	0
INDE	30	34	56	FOBS=	52.3	SIGMA=	3.8	PHAS=	-81.0	FOM=	0.75	TEST=	0
INDE	30	34	58	FOBS=	58.0	SIGMA=	3.7	PHAS=	15.1	FOM=	0.81	TEST=	0
INDE	30	34	60	FOBS=	0.0	SIGMA=	28.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	34	62	FOBS=	38.1	SIGMA=	9.0	PHAS=	107.3	FOM=	0.63	TEST=	0
INDE	30	35	31	FOBS=	183.6	SIGMA=	1.1	PHAS=	15.0	FOM=	0.97	TEST=	0
INDE	30	35	33	FOBS=	200.3	SIGMA=	1.0	PHAS=	54.6	FOM=	0.95	TEST=	0
INDE	30	35	35	FOBS=	46.1	SIGMA=	4.5	PHAS=	-84.5	FOM=	0.56	TEST=	0
INDE	30	35	37	FOBS=	121.6	SIGMA=	1.6	PHAS=	78.5	FOM=	0.89	TEST=	0
INDE	30	35	39	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	35	41	FOBS=	105.0	SIGMA=	1.8	PHAS=	177.9	FOM=	0.93	TEST=	0
INDE	30	35	43	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	35	45	FOBS=	54.5	SIGMA=	3.3	PHAS=	63.5	FOM=	0.77	TEST=	0
INDE	30	35	47	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	35	49	FOBS=	33.8	SIGMA=	5.4	PHAS=	-110.7	FOM=	0.42	TEST=	0
INDE	30	35	51	FOBS=	123.3	SIGMA=	1.5	PHAS=	-84.4	FOM=	0.94	TEST=	0
INDE	30	35	53	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	35	55	FOBS=	7.9	SIGMA=	26.9	PHAS=	115.1	FOM=	0.22	TEST=	0
INDE	30	35	57	FOBS=	58.3	SIGMA=	3.4	PHAS=	-119.9	FOM=	0.76	TEST=	0
INDE	30	35	59	FOBS=	90.3	SIGMA=	2.9	PHAS=	-89.3	FOM=	0.91	TEST=	0
INDE	30	35	61	FOBS=	0.0	SIGMA=	24.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	36	30	FOBS=	100.5	SIGMA=	1.9	PHAS=	50.6	FOM=	0.86	TEST=	0
INDE	30	36	32	FOBS=	145.7	SIGMA=	1.4	PHAS=	-24.4	FOM=	0.82	TEST=	0
INDE	30	36	34	FOBS=	128.7	SIGMA=	1.5	PHAS=	68.8	FOM=	0.87	TEST=	0
INDE	30	36	36	FOBS=	128.7	SIGMA=	1.5	PHAS=	-28.4	FOM=	0.92	TEST=	0
INDE	30	36	38	FOBS=	126.3	SIGMA=	1.6	PHAS=	-58.1	FOM=	0.94	TEST=	0
INDE	30	36	40	FOBS=	59.4	SIGMA=	3.1	PHAS=	93.5	FOM=	0.80	TEST=	0
INDE	30	36	42	FOBS=	83.6	SIGMA=	2.2	PHAS=	152.9	FOM=	0.83	TEST=	0
INDE	30	36	44	FOBS=	136.2	SIGMA=	1.4	PHAS=	-98.8	FOM=	0.91	TEST=	0
INDE	30	36	46	FOBS=	47.3	SIGMA=	3.8	PHAS=	-165.9	FOM=	0.70	TEST=	0
INDE	30	36	48	FOBS=	30.8	SIGMA=	6.4	PHAS=	57.1	FOM=	0.22	TEST=	0
INDE	30	36	50	FOBS=	35.7	SIGMA=	5.2	PHAS=	-86.7	FOM=	0.13	TEST=	0
INDE	30	36	52	FOBS=	8.6	SIGMA=	22.7	PHAS=	129.5	FOM=	0.06	TEST=	1
INDE	30	36	54	FOBS=	70.7	SIGMA=	2.7	PHAS=	-31.7	FOM=	0.16	TEST=	1
INDE	30	36	56	FOBS=	40.8	SIGMA=	5.2	PHAS=	-64.3	FOM=	0.48	TEST=	0
INDE	30	36	58	FOBS=	0.0	SIGMA=	26.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	36	60	FOBS=	50.9	SIGMA=	5.1	PHAS=	163.2	FOM=	0.87	TEST=	0
INDE	30	36	62	FOBS=	31.6	SIGMA=	14.1	PHAS=	141.0	FOM=	0.38	TEST=	0
INDE	30	37	31	FOBS=	68.4	SIGMA=	2.7	PHAS=	-25.3	FOM=	0.42	TEST=	0
INDE	30	37	33	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	37	35	FOBS=	122.3	SIGMA=	1.5	PHAS=	-82.1	FOM=	0.89	TEST=	0
INDE	30	37	37	FOBS=	79.0	SIGMA=	2.4	PHAS=	-113.2	FOM=	0.87	TEST=	0
INDE	30	37	39	FOBS=	82.6	SIGMA=	2.3	PHAS=	-51.5	FOM=	0.86	TEST=	0
INDE	30	37	41	FOBS=	74.2	SIGMA=	2.5	PHAS=	170.7	FOM=	0.78	TEST=	0
INDE	30	37	43	FOBS=	58.9	SIGMA=	3.1	PHAS=	98.4	FOM=	0.77	TEST=	0
INDE	30	37	45	FOBS=	71.8	SIGMA=	2.5	PHAS=	76.7	FOM=	0.58	TEST=	0
INDE	30	37	47	FOBS=	56.2	SIGMA=	3.2	PHAS=	-134.0	FOM=	0.85	TEST=	0
INDE	30	37	49	FOBS=	13.3	SIGMA=	13.2	PHAS=	-98.0	FOM=	0.20	TEST=	0
INDE	30	37	51	FOBS=	44.2	SIGMA=	4.0	PHAS=	179.2	FOM=	0.01	TEST=	1
INDE	30	37	53	FOBS=	30.6	SIGMA=	6.5	PHAS=	-96.7	FOM=	0.48	TEST=	1
INDE	30	37	55	FOBS=	71.6	SIGMA=	2.7	PHAS=	85.7	FOM=	0.82	TEST=	0
INDE	30	37	57	FOBS=	33.1	SIGMA=	6.9	PHAS=	117.3	FOM=	0.17	TEST=	0
INDE	30	37	59	FOBS=	53.9	SIGMA=	4.4	PHAS=	-68.2	FOM=	0.64	TEST=	0
INDE	30	37	61	FOBS=	0.0	SIGMA=	26.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	38	30	FOBS=	42.7	SIGMA=	4.4	PHAS=	68.4	FOM=	0.35	TEST=	0
INDE	30	38	32	FOBS=	55.4	SIGMA=	3.2	PHAS=	-15.5	FOM=	0.73	TEST=	0
INDE	30	38	34	FOBS=	75.0	SIGMA=	2.4	PHAS=	143.0	FOM=	0.29	TEST=	1
INDE	30	38	36	FOBS=	84.8	SIGMA=	2.2	PHAS=	-112.0	FOM=	0.76	TEST=	0
INDE	30	38	38	FOBS=	20.0	SIGMA=	9.6	PHAS=	-114.2	FOM=	0.74	TEST=	0
INDE	30	38	40	FOBS=	112.1	SIGMA=	1.7	PHAS=	126.0	FOM=	0.94	TEST=	0
INDE	30	38	42	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	38	44	FOBS=	54.5	SIGMA=	3.3	PHAS=	-37.1	FOM=	0.78	TEST=	0
INDE	30	38	46	FOBS=	123.8	SIGMA=	1.5	PHAS=	129.9	FOM=	0.95	TEST=	0
INDE	30	38	48	FOBS=	19.4	SIGMA=	10.9	PHAS=	122.7	FOM=	0.42	TEST=	0
INDE	30	38	50	FOBS=	0.0	SIGMA=	18.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	38	52	FOBS=	36.6	SIGMA=	5.6	PHAS=	91.4	FOM=	0.67	TEST=	0
INDE	30	38	54	FOBS=	17.6	SIGMA=	10.8	PHAS=	-49.6	FOM=	0.54	TEST=	0
INDE	30	38	56	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE 30 38 58 FOBS= 78.5 SIGMA= 2.8 PHAS= -121.2 FOM= 0.64 TEST= 0
INDE 30 38 60 FOBS= 42.5 SIGMA= 6.3 PHAS= -176.8 FOM= 0.77 TEST= 0
INDE 30 39 31 FOBS= 0.0 SIGMA= 19.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 30 39 33 FOBS= 0.0 SIGMA= 20.1 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 30 39 35 FOBS= 54.8 SIGMA= 3.3 PHAS= -137.0 FOM= 0.40 TEST= 0
INDE 30 39 37 FOBS= 43.4 SIGMA= 4.2 PHAS= 162.8 FOM= 0.76 TEST= 0
INDE 30 39 39 FOBS= 70.7 SIGMA= 2.6 PHAS= -19.8 FOM= 0.93 TEST= 0
INDE 30 39 41 FOBS= 0.0 SIGMA= 21.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 30 39 43 FOBS= 0.0 SIGMA= 19.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 30 39 45 FOBS= 89.2 SIGMA= 2.1 PHAS= 46.8 FOM= 0.94 TEST= 0
INDE 30 39 47 FOBS= 82.4 SIGMA= 2.2 PHAS= 84.8 FOM= 0.30 TEST= 0
INDE 30 39 49 FOBS= 0.0 SIGMA= 19.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 30 39 51 FOBS= 61.6 SIGMA= 2.9 PHAS= 37.0 FOM= 0.72 TEST= 0
INDE 30 39 53 FOBS= 37.8 SIGMA= 5.4 PHAS= -90.8 FOM= 0.81 TEST= 0
INDE 30 39 55 FOBS= 60.0 SIGMA= 3.7 PHAS= 76.9 FOM= 0.84 TEST= 0
INDE 30 39 57 FOBS= 44.3 SIGMA= 5.0 PHAS= 35.2 FOM= 0.59 TEST= 0
INDE 30 39 59 FOBS= 77.3 SIGMA= 3.0 PHAS= 48.5 FOM= 0.63 TEST= 0
INDE 30 40 30 FOBS= 113.1 SIGMA= 1.5 PHAS= 172.3 FOM= 0.97 TEST= 0
INDE 30 40 32 FOBS= 117.6 SIGMA= 1.5 PHAS= 16.1 FOM= 0.93 TEST= 0
INDE 30 40 34 FOBS= 62.2 SIGMA= 3.0 PHAS= -180.0 FOM= 0.81 TEST= 0
INDE 30 40 36 FOBS= 148.6 SIGMA= 1.3 PHAS= -112.5 FOM= 0.94 TEST= 0
INDE 30 40 38 FOBS= 108.7 SIGMA= 1.7 PHAS= 11.0 FOM= 0.78 TEST= 0
INDE 30 40 40 FOBS= 109.5 SIGMA= 1.7 PHAS= 127.5 FOM= 0.91 TEST= 0
INDE 30 40 42 FOBS= 85.0 SIGMA= 2.2 PHAS= -32.3 FOM= 0.80 TEST= 0
INDE 30 40 44 FOBS= 165.5 SIGMA= 1.2 PHAS= -55.4 FOM= 0.98 TEST= 0
INDE 30 40 46 FOBS= 0.0 SIGMA= 20.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 30 40 48 FOBS= 50.3 SIGMA= 3.6 PHAS= -75.3 FOM= 0.45 TEST= 0
INDE 30 40 50 FOBS= 42.3 SIGMA= 4.3 PHAS= -1.5 FOM= 0.46 TEST= 0
INDE 30 40 52 FOBS= 71.6 SIGMA= 2.7 PHAS= -18.0 FOM= 0.90 TEST= 0
INDE 30 40 54 FOBS= 102.2 SIGMA= 2.2 PHAS= -55.2 FOM= 0.93 TEST= 0
INDE 30 40 56 FOBS= 81.0 SIGMA= 2.8 PHAS= 58.0 FOM= 0.77 TEST= 0
INDE 30 40 58 FOBS= 8.7 SIGMA= 30.2 PHAS= -93.9 FOM= 0.35 TEST= 0
INDE 30 41 31 FOBS= 71.2 SIGMA= 2.3 PHAS= 7.5 FOM= 0.85 TEST= 0
INDE 30 41 33 FOBS= 75.1 SIGMA= 2.3 PHAS= 150.0 FOM= 0.78 TEST= 0
INDE 30 41 35 FOBS= 93.0 SIGMA= 2.0 PHAS= 162.6 FOM= 0.91 TEST= 0
INDE 30 41 37 FOBS= 127.4 SIGMA= 1.3 PHAS= 164.2 FOM= 0.94 TEST= 0
INDE 30 41 39 FOBS= 90.1 SIGMA= 1.9 PHAS= -35.5 FOM= 0.87 TEST= 0
INDE 30 41 41 FOBS= 49.5 SIGMA= 3.5 PHAS= 19.1 FOM= 0.74 TEST= 0
INDE 30 41 43 FOBS= 121.4 SIGMA= 1.6 PHAS= -156.6 FOM= 0.94 TEST= 0
INDE 30 41 45 FOBS= 80.1 SIGMA= 2.3 PHAS= -87.9 FOM= 0.82 TEST= 0
INDE 30 41 47 FOBS= 75.5 SIGMA= 2.4 PHAS= -143.0 FOM= 0.43 TEST= 0
INDE 30 41 49 FOBS= 69.8 SIGMA= 2.6 PHAS= -44.6 FOM= 0.71 TEST= 0
INDE 30 41 51 FOBS= 37.0 SIGMA= 4.9 PHAS= -105.1 FOM= 0.04 TEST= 1
INDE 30 41 53 FOBS= 155.2 SIGMA= 1.5 PHAS= -144.3 FOM= 0.98 TEST= 0
INDE 30 41 55 FOBS= 24.3 SIGMA= 9.1 PHAS= 142.1 FOM= 0.25 TEST= 0
INDE 30 41 57 FOBS= 67.7 SIGMA= 3.3 PHAS= -5.5 FOM= 0.90 TEST= 0
INDE 30 42 30 FOBS= 117.9 SIGMA= 1.5 PHAS= -173.8 FOM= 0.93 TEST= 0
INDE 30 42 32 FOBS= 100.8 SIGMA= 1.7 PHAS= 14.2 FOM= 0.92 TEST= 0
INDE 30 42 34 FOBS= 41.6 SIGMA= 4.3 PHAS= -33.4 FOM= 0.43 TEST= 0
INDE 30 42 36 FOBS= 54.4 SIGMA= 3.1 PHAS= -31.0 FOM= 0.90 TEST= 0
INDE 30 42 38 FOBS= 41.6 SIGMA= 4.1 PHAS= 114.5 FOM= 0.40 TEST= 0
INDE 30 42 40 FOBS= 32.0 SIGMA= 5.3 PHAS= -112.3 FOM= 0.65 TEST= 0
INDE 30 42 42 FOBS= 48.8 SIGMA= 3.4 PHAS= 50.0 FOM= 0.73 TEST= 0
INDE 30 42 44 FOBS= 78.9 SIGMA= 2.1 PHAS= -93.0 FOM= 0.87 TEST= 0
INDE 30 42 46 FOBS= 12.7 SIGMA= 14.4 PHAS= 175.6 FOM= 0.13 TEST= 0
INDE 30 42 48 FOBS= 79.7 SIGMA= 2.3 PHAS= -57.7 FOM= 0.80 TEST= 0
INDE 30 42 50 FOBS= 51.6 SIGMA= 4.0 PHAS= -79.9 FOM= 0.22 TEST= 1
INDE 30 42 52 FOBS= 120.1 SIGMA= 2.0 PHAS= 93.2 FOM= 0.95 TEST= 0
INDE 30 42 54 FOBS= 39.1 SIGMA= 7.5 PHAS= 35.7 FOM= 0.42 TEST= 0
INDE 30 42 56 FOBS= 40.6 SIGMA= 5.6 PHAS= 13.1 FOM= 0.22 TEST= 0
INDE 30 42 58 FOBS= 73.8 SIGMA= 3.8 PHAS= -82.7 FOM= 0.87 TEST= 0
INDE 30 43 31 FOBS= 118.4 SIGMA= 1.4 PHAS= 65.9 FOM= 0.88 TEST= 0
INDE 30 43 33 FOBS= 97.3 SIGMA= 1.8 PHAS= -34.6 FOM= 0.87 TEST= 0
INDE 30 43 35 FOBS= 135.8 SIGMA= 1.4 PHAS= -135.1 FOM= 0.94 TEST= 0
INDE 30 43 37 FOBS= 108.5 SIGMA= 1.6 PHAS= -135.3 FOM= 0.90 TEST= 0
INDE 30 43 39 FOBS= 0.0 SIGMA= 18.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 30 43 41 FOBS= 0.0 SIGMA= 18.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 30 43 43 FOBS= 132.2 SIGMA= 1.3 PHAS= -145.5 FOM= 0.95 TEST= 0
INDE 30 43 45 FOBS= 115.8 SIGMA= 1.5 PHAS= -125.1 FOM= 0.90 TEST= 0
INDE 30 43 47 FOBS= 38.2 SIGMA= 4.5 PHAS= -133.6 FOM= 0.53 TEST= 0

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INDE	30	43	49	FOBS=	42.8	SIGMA=	4.3	PHAS=	-97.0	FOM=	0.70	TEST=	0
INDE	30	43	51	FOBS=	49.2	SIGMA=	5.0	PHAS=	-55.9	FOM=	0.50	TEST=	0
INDE	30	43	53	FOBS=	44.9	SIGMA=	5.1	PHAS=	-85.5	FOM=	0.76	TEST=	0
INDE	30	43	55	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	43	57	FOBS=	44.5	SIGMA=	6.1	PHAS=	-18.5	FOM=	0.44	TEST=	0
INDE	30	44	30	FOBS=	83.2	SIGMA=	2.0	PHAS=	-61.7	FOM=	0.80	TEST=	0
INDE	30	44	32	FOBS=	36.5	SIGMA=	4.6	PHAS=	-76.4	FOM=	0.56	TEST=	0
INDE	30	44	34	FOBS=	68.8	SIGMA=	2.6	PHAS=	-148.9	FOM=	0.90	TEST=	0
INDE	30	44	36	FOBS=	78.9	SIGMA=	2.3	PHAS=	153.6	FOM=	0.76	TEST=	0
INDE	30	44	38	FOBS=	68.6	SIGMA=	2.4	PHAS=	145.7	FOM=	0.85	TEST=	0
INDE	30	44	40	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	44	42	FOBS=	45.1	SIGMA=	3.7	PHAS=	117.4	FOM=	0.82	TEST=	0
INDE	30	44	44	FOBS=	148.0	SIGMA=	1.2	PHAS=	110.1	FOM=	0.96	TEST=	0
INDE	30	44	46	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	30	44	48	FOBS=	61.9	SIGMA=	3.0	PHAS=	155.9	FOM=	0.85	TEST=	0
INDE	30	44	50	FOBS=	59.8	SIGMA=	3.1	PHAS=	128.4	FOM=	0.73	TEST=	0
INDE	30	44	52	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	44	54	FOBS=	45.5	SIGMA=	6.0	PHAS=	174.1	FOM=	0.05	TEST=	1
INDE	30	44	56	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	45	31	FOBS=	139.2	SIGMA=	1.2	PHAS=	60.0	FOM=	0.93	TEST=	0
INDE	30	45	33	FOBS=	143.0	SIGMA=	1.2	PHAS=	36.8	FOM=	0.95	TEST=	0
INDE	30	45	35	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	45	37	FOBS=	123.3	SIGMA=	1.5	PHAS=	-160.4	FOM=	0.38	TEST=	0
INDE	30	45	39	FOBS=	28.0	SIGMA=	5.9	PHAS=	112.4	FOM=	0.29	TEST=	0
INDE	30	45	41	FOBS=	59.2	SIGMA=	2.8	PHAS=	-119.6	FOM=	0.22	TEST=	1
INDE	30	45	43	FOBS=	74.9	SIGMA=	2.2	PHAS=	0.3	FOM=	0.89	TEST=	0
INDE	30	45	45	FOBS=	43.2	SIGMA=	3.9	PHAS=	-87.4	FOM=	0.67	TEST=	0
INDE	30	45	47	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	45	49	FOBS=	70.6	SIGMA=	2.7	PHAS=	174.5	FOM=	0.81	TEST=	0
INDE	30	45	51	FOBS=	24.2	SIGMA=	8.2	PHAS=	-130.5	FOM=	0.52	TEST=	0
INDE	30	45	53	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	45	55	FOBS=	29.1	SIGMA=	11.2	PHAS=	98.5	FOM=	0.29	TEST=	0
INDE	30	46	30	FOBS=	59.3	SIGMA=	2.7	PHAS=	-15.6	FOM=	0.90	TEST=	0
INDE	30	46	32	FOBS=	199.3	SIGMA=	0.9	PHAS=	-66.2	FOM=	0.98	TEST=	0
INDE	30	46	34	FOBS=	129.8	SIGMA=	1.5	PHAS=	-103.4	FOM=	0.93	TEST=	0
INDE	30	46	36	FOBS=	70.4	SIGMA=	2.6	PHAS=	-55.6	FOM=	0.71	TEST=	0
INDE	30	46	38	FOBS=	131.0	SIGMA=	1.4	PHAS=	-92.8	FOM=	0.19	TEST=	1
INDE	30	46	40	FOBS=	35.8	SIGMA=	4.6	PHAS=	-160.5	FOM=	0.56	TEST=	0
INDE	30	46	42	FOBS=	16.5	SIGMA=	10.0	PHAS=	-119.3	FOM=	0.17	TEST=	0
INDE	30	46	44	FOBS=	54.5	SIGMA=	3.1	PHAS=	97.7	FOM=	0.33	TEST=	1
INDE	30	46	46	FOBS=	52.3	SIGMA=	3.6	PHAS=	-80.0	FOM=	0.75	TEST=	0
INDE	30	46	48	FOBS=	72.4	SIGMA=	2.6	PHAS=	147.2	FOM=	0.84	TEST=	0
INDE	30	46	50	FOBS=	59.2	SIGMA=	3.4	PHAS=	119.0	FOM=	0.92	TEST=	0
INDE	30	46	52	FOBS=	64.9	SIGMA=	3.2	PHAS=	148.3	FOM=	0.90	TEST=	0
INDE	30	46	54	FOBS=	41.4	SIGMA=	5.3	PHAS=	-173.7	FOM=	0.37	TEST=	1
INDE	30	47	31	FOBS=	37.0	SIGMA=	4.3	PHAS=	134.1	FOM=	0.81	TEST=	0
INDE	30	47	33	FOBS=	160.6	SIGMA=	1.1	PHAS=	-172.1	FOM=	0.96	TEST=	0
INDE	30	47	35	FOBS=	87.2	SIGMA=	2.1	PHAS=	-161.0	FOM=	0.32	TEST=	1
INDE	30	47	37	FOBS=	98.9	SIGMA=	1.9	PHAS=	-142.4	FOM=	0.89	TEST=	0
INDE	30	47	39	FOBS=	93.1	SIGMA=	1.8	PHAS=	168.6	FOM=	0.89	TEST=	0
INDE	30	47	41	FOBS=	38.3	SIGMA=	4.7	PHAS=	-1.3	FOM=	0.59	TEST=	0
INDE	30	47	43	FOBS=	55.5	SIGMA=	3.2	PHAS=	-25.0	FOM=	0.51	TEST=	0
INDE	30	47	45	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	47	47	FOBS=	73.8	SIGMA=	2.6	PHAS=	9.5	FOM=	0.15	TEST=	1
INDE	30	47	49	FOBS=	44.7	SIGMA=	4.9	PHAS=	160.0	FOM=	0.79	TEST=	0
INDE	30	47	51	FOBS=	95.3	SIGMA=	2.4	PHAS=	61.3	FOM=	0.96	TEST=	0
INDE	30	47	53	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	48	30	FOBS=	83.8	SIGMA=	1.9	PHAS=	-24.8	FOM=	0.78	TEST=	0
INDE	30	48	32	FOBS=	75.3	SIGMA=	2.2	PHAS=	102.0	FOM=	0.87	TEST=	0
INDE	30	48	34	FOBS=	63.8	SIGMA=	2.6	PHAS=	76.3	FOM=	0.74	TEST=	0
INDE	30	48	36	FOBS=	107.0	SIGMA=	1.7	PHAS=	67.1	FOM=	0.91	TEST=	0
INDE	30	48	38	FOBS=	22.6	SIGMA=	10.2	PHAS=	113.5	FOM=	0.24	TEST=	0
INDE	30	48	40	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	48	42	FOBS=	69.2	SIGMA=	2.7	PHAS=	38.9	FOM=	0.47	TEST=	0
INDE	30	48	44	FOBS=	12.3	SIGMA=	15.9	PHAS=	152.9	FOM=	0.13	TEST=	0
INDE	30	48	46	FOBS=	49.5	SIGMA=	4.0	PHAS=	-153.3	FOM=	0.66	TEST=	0
INDE	30	48	48	FOBS=	48.6	SIGMA=	4.2	PHAS=	86.0	FOM=	0.84	TEST=	0
INDE	30	48	50	FOBS=	25.9	SIGMA=	9.1	PHAS=	-21.9	FOM=	0.66	TEST=	0
INDE	30	48	52	FOBS=	46.6	SIGMA=	5.2	PHAS=	3.8	FOM=	0.80	TEST=	0
INDE	30	49	31	FOBS=	43.6	SIGMA=	3.6	PHAS=	78.8	FOM=	0.46	TEST=	0

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INDE	30	49	33	FOBS=	28.7	SIGMA=	5.8	PHAS=	-44.4	FOM=	0.43	TEST=	0
INDE	30	49	35	FOBS=	95.3	SIGMA=	1.9	PHAS=	-54.8	FOM=	0.89	TEST=	0
INDE	30	49	37	FOBS=	25.5	SIGMA=	7.4	PHAS=	-22.7	FOM=	0.51	TEST=	0
INDE	30	49	39	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	49	41	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	30	49	43	FOBS=	45.3	SIGMA=	4.4	PHAS=	-39.0	FOM=	0.82	TEST=	0
INDE	30	49	45	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	49	47	FOBS=	101.5	SIGMA=	2.2	PHAS=	94.9	FOM=	0.94	TEST=	0
INDE	30	49	49	FOBS=	37.5	SIGMA=	5.9	PHAS=	-130.2	FOM=	0.83	TEST=	0
INDE	30	49	51	FOBS=	59.8	SIGMA=	4.1	PHAS=	175.9	FOM=	0.28	TEST=	0
INDE	30	50	30	FOBS=	121.2	SIGMA=	1.4	PHAS=	96.1	FOM=	0.20	TEST=	1
INDE	30	50	32	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	50	34	FOBS=	66.0	SIGMA=	2.4	PHAS=	-85.5	FOM=	0.51	TEST=	0
INDE	30	50	36	FOBS=	46.1	SIGMA=	4.1	PHAS=	-15.0	FOM=	0.57	TEST=	0
INDE	30	50	38	FOBS=	65.5	SIGMA=	3.1	PHAS=	-73.1	FOM=	0.83	TEST=	0
INDE	30	50	40	FOBS=	38.8	SIGMA=	5.3	PHAS=	176.8	FOM=	0.46	TEST=	0
INDE	30	50	42	FOBS=	86.7	SIGMA=	2.5	PHAS=	-159.8	FOM=	0.04	TEST=	1
INDE	30	50	44	FOBS=	107.1	SIGMA=	2.1	PHAS=	-132.9	FOM=	0.90	TEST=	0
INDE	30	50	46	FOBS=	46.5	SIGMA=	4.7	PHAS=	158.1	FOM=	0.63	TEST=	0
INDE	30	50	48	FOBS=	90.9	SIGMA=	2.5	PHAS=	85.4	FOM=	0.93	TEST=	0
INDE	30	50	50	FOBS=	42.3	SIGMA=	6.3	PHAS=	48.2	FOM=	0.77	TEST=	0
INDE	30	51	31	FOBS=	97.6	SIGMA=	1.7	PHAS=	157.9	FOM=	0.71	TEST=	0
INDE	30	51	33	FOBS=	23.2	SIGMA=	8.3	PHAS=	56.4	FOM=	0.22	TEST=	0
INDE	30	51	35	FOBS=	86.2	SIGMA=	2.2	PHAS=	-149.2	FOM=	0.79	TEST=	0
INDE	30	51	37	FOBS=	50.7	SIGMA=	4.7	PHAS=	-169.8	FOM=	0.45	TEST=	0
INDE	30	51	39	FOBS=	46.8	SIGMA=	5.2	PHAS=	-28.9	FOM=	0.37	TEST=	0
INDE	30	51	41	FOBS=	84.5	SIGMA=	2.6	PHAS=	-178.1	FOM=	0.93	TEST=	0
INDE	30	51	43	FOBS=	50.9	SIGMA=	4.2	PHAS=	59.2	FOM=	0.72	TEST=	0
INDE	30	51	45	FOBS=	62.6	SIGMA=	3.5	PHAS=	141.2	FOM=	0.72	TEST=	0
INDE	30	51	47	FOBS=	96.2	SIGMA=	2.4	PHAS=	104.4	FOM=	0.94	TEST=	0
INDE	30	51	49	FOBS=	119.5	SIGMA=	2.2	PHAS=	-36.2	FOM=	0.95	TEST=	0
INDE	30	52	30	FOBS=	48.4	SIGMA=	3.4	PHAS=	14.1	FOM=	0.82	TEST=	0
INDE	30	52	32	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	52	34	FOBS=	34.2	SIGMA=	5.4	PHAS=	-118.0	FOM=	0.41	TEST=	0
INDE	30	52	36	FOBS=	94.8	SIGMA=	2.6	PHAS=	15.0	FOM=	0.95	TEST=	0
INDE	30	52	38	FOBS=	88.7	SIGMA=	2.8	PHAS=	-33.8	FOM=	0.90	TEST=	0
INDE	30	52	40	FOBS=	43.6	SIGMA=	5.6	PHAS=	101.5	FOM=	0.79	TEST=	0
INDE	30	52	42	FOBS=	78.9	SIGMA=	2.8	PHAS=	-65.7	FOM=	0.79	TEST=	0
INDE	30	52	44	FOBS=	56.3	SIGMA=	3.9	PHAS=	-78.0	FOM=	0.76	TEST=	0
INDE	30	52	46	FOBS=	38.7	SIGMA=	6.8	PHAS=	47.3	FOM=	0.65	TEST=	0
INDE	30	52	48	FOBS=	39.7	SIGMA=	6.1	PHAS=	-134.9	FOM=	0.67	TEST=	0
INDE	30	53	31	FOBS=	79.9	SIGMA=	2.2	PHAS=	168.7	FOM=	0.91	TEST=	0
INDE	30	53	33	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	53	35	FOBS=	87.1	SIGMA=	2.5	PHAS=	-114.6	FOM=	0.92	TEST=	0
INDE	30	53	37	FOBS=	61.5	SIGMA=	3.9	PHAS=	-142.8	FOM=	0.85	TEST=	0
INDE	30	53	39	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	53	41	FOBS=	80.1	SIGMA=	3.1	PHAS=	122.3	FOM=	0.10	TEST=	1
INDE	30	53	43	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	53	45	FOBS=	40.9	SIGMA=	5.8	PHAS=	167.4	FOM=	0.66	TEST=	0
INDE	30	53	47	FOBS=	68.1	SIGMA=	3.4	PHAS=	115.6	FOM=	0.82	TEST=	0
INDE	30	54	30	FOBS=	73.8	SIGMA=	3.3	PHAS=	41.5	FOM=	0.88	TEST=	0
INDE	30	54	32	FOBS=	94.4	SIGMA=	2.3	PHAS=	-39.2	FOM=	0.92	TEST=	0
INDE	30	54	34	FOBS=	51.8	SIGMA=	4.1	PHAS=	-152.1	FOM=	0.84	TEST=	0
INDE	30	54	36	FOBS=	54.0	SIGMA=	4.4	PHAS=	64.2	FOM=	0.83	TEST=	0
INDE	30	54	38	FOBS=	41.1	SIGMA=	6.0	PHAS=	0.3	FOM=	0.10	TEST=	1
INDE	30	54	40	FOBS=	49.4	SIGMA=	5.1	PHAS=	-145.6	FOM=	0.52	TEST=	0
INDE	30	54	42	FOBS=	46.0	SIGMA=	5.1	PHAS=	-108.7	FOM=	0.28	TEST=	0
INDE	30	54	44	FOBS=	46.4	SIGMA=	4.8	PHAS=	126.8	FOM=	0.07	TEST=	1
INDE	30	54	46	FOBS=	58.6	SIGMA=	3.9	PHAS=	57.7	FOM=	0.62	TEST=	0
INDE	30	55	31	FOBS=	76.3	SIGMA=	3.2	PHAS=	-134.7	FOM=	0.14	TEST=	1
INDE	30	55	33	FOBS=	86.5	SIGMA=	2.5	PHAS=	-146.6	FOM=	0.88	TEST=	0
INDE	30	55	35	FOBS=	31.6	SIGMA=	8.1	PHAS=	58.6	FOM=	0.62	TEST=	0
INDE	30	55	37	FOBS=	79.2	SIGMA=	3.1	PHAS=	-162.4	FOM=	0.90	TEST=	0
INDE	30	55	39	FOBS=	49.8	SIGMA=	5.0	PHAS=	69.8	FOM=	0.71	TEST=	0
INDE	30	55	41	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	55	43	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	30	55	45	FOBS=	24.7	SIGMA=	10.6	PHAS=	-38.9	FOM=	0.02	TEST=	1
INDE	30	56	30	FOBS=	39.7	SIGMA=	6.8	PHAS=	-11.5	FOM=	0.69	TEST=	0
INDE	30	56	32	FOBS=	67.5	SIGMA=	3.2	PHAS=	-73.4	FOM=	0.79	TEST=	0
INDE	30	56	34	FOBS=	30.9	SIGMA=	6.9	PHAS=	-141.1	FOM=	0.06	TEST=	0

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INDE 30 56 36 FOBS= 53.4 SIGMA= 4.5 PHAS= 18.6 FOM= 0.86 TEST= 0
INDE 30 56 38 FOBS= 25.9 SIGMA= 10.1 PHAS= -34.8 FOM= 0.19 TEST= 0
INDE 30 56 40 FOBS= 62.8 SIGMA= 4.1 PHAS= 43.2 FOM= 0.32 TEST= 0
INDE 30 56 42 FOBS= 41.4 SIGMA= 6.2 PHAS= -72.9 FOM= 0.09 TEST= 0
INDE 30 56 44 FOBS= 63.6 SIGMA= 3.6 PHAS= 55.3 FOM= 0.84 TEST= 0
INDE 30 57 31 FOBS= 27.6 SIGMA= 8.9 PHAS= -144.0 FOM= 0.56 TEST= 0
INDE 30 57 33 FOBS= 66.8 SIGMA= 3.2 PHAS= -154.7 FOM= 0.88 TEST= 0
INDE 30 57 35 FOBS= 0.0 SIGMA= 21.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 30 57 37 FOBS= 73.5 SIGMA= 3.3 PHAS= -120.9 FOM= 0.78 TEST= 0
INDE 30 57 39 FOBS= 42.3 SIGMA= 5.9 PHAS= 73.2 FOM= 0.37 TEST= 0
INDE 30 57 41 FOBS= 61.6 SIGMA= 4.2 PHAS= 7.4 FOM= 0.91 TEST= 0
INDE 30 57 43 FOBS= 102.8 SIGMA= 2.4 PHAS= 60.5 FOM= 0.92 TEST= 0
INDE 30 58 30 FOBS= 28.4 SIGMA= 9.7 PHAS= 60.2 FOM= 0.09 TEST= 0
INDE 30 58 32 FOBS= 56.8 SIGMA= 4.4 PHAS= 148.0 FOM= 0.87 TEST= 0
INDE 30 58 34 FOBS= 36.2 SIGMA= 6.0 PHAS= 120.4 FOM= 0.76 TEST= 0
INDE 30 58 36 FOBS= 40.9 SIGMA= 5.4 PHAS= 32.7 FOM= 0.76 TEST= 0
INDE 30 58 38 FOBS= 0.0 SIGMA= 23.0 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 30 58 40 FOBS= 68.1 SIGMA= 3.8 PHAS= -91.8 FOM= 0.85 TEST= 0
INDE 30 58 42 FOBS= 47.4 SIGMA= 5.7 PHAS= -42.3 FOM= 0.78 TEST= 0
INDE 30 59 31 FOBS= 62.0 SIGMA= 4.0 PHAS= -15.8 FOM= 0.84 TEST= 0
INDE 30 59 33 FOBS= 36.2 SIGMA= 6.4 PHAS= 126.4 FOM= 0.28 TEST= 0
INDE 30 59 35 FOBS= 46.5 SIGMA= 4.7 PHAS= 15.1 FOM= 0.64 TEST= 0
INDE 30 59 37 FOBS= 40.1 SIGMA= 6.1 PHAS= 27.0 FOM= 0.65 TEST= 0
INDE 30 59 39 FOBS= 29.4 SIGMA= 8.6 PHAS= -172.7 FOM= 0.26 TEST= 1
INDE 30 60 30 FOBS= 44.7 SIGMA= 5.6 PHAS= -99.7 FOM= 0.79 TEST= 0
INDE 30 60 32 FOBS= 79.3 SIGMA= 3.3 PHAS= 140.6 FOM= 0.90 TEST= 0
INDE 30 60 34 FOBS= 0.0 SIGMA= 21.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 30 60 36 FOBS= 24.5 SIGMA= 9.2 PHAS= -11.6 FOM= 0.68 TEST= 0
INDE 30 60 38 FOBS= 46.9 SIGMA= 6.7 PHAS= -9.6 FOM= 0.79 TEST= 0
INDE 30 61 31 FOBS= 19.3 SIGMA= 13.3 PHAS= 92.5 FOM= 0.03 TEST= 1
INDE 30 61 33 FOBS= 0.0 SIGMA= 24.1 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 30 61 35 FOBS= 0.0 SIGMA= 21.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 30 61 37 FOBS= 62.3 SIGMA= 4.5 PHAS= -81.2 FOM= 0.84 TEST= 0
INDE 30 62 30 FOBS= 46.5 SIGMA= 6.1 PHAS= -137.4 FOM= 0.43 TEST= 0
INDE 30 62 32 FOBS= 42.7 SIGMA= 8.0 PHAS= 161.3 FOM= 0.71 TEST= 0
INDE 30 62 34 FOBS= 0.0 SIGMA= 26.1 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 30 62 36 FOBS= 72.8 SIGMA= 4.8 PHAS= -178.4 FOM= 0.78 TEST= 0
INDE 30 63 31 FOBS= 31.9 SIGMA= 12.9 PHAS= 118.9 FOM= 0.38 TEST= 0
INDE 30 63 33 FOBS= 15.3 SIGMA= 22.7 PHAS= 97.0 FOM= 0.03 TEST= 0
INDE 30 64 30 FOBS= 0.0 SIGMA= 33.6 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 30 64 32 FOBS= 0.0 SIGMA= 26.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 31 32 31 FOBS= 143.4 SIGMA= 1.2 PHAS= -132.8 FOM= 0.87 TEST= 0
INDE 31 32 33 FOBS= 148.4 SIGMA= 1.2 PHAS= -81.1 FOM= 0.96 TEST= 0
INDE 31 32 35 FOBS= 117.9 SIGMA= 1.6 PHAS= 2.4 FOM= 0.77 TEST= 0
INDE 31 32 37 FOBS= 94.0 SIGMA= 2.0 PHAS= -152.1 FOM= 0.96 TEST= 0
INDE 31 32 39 FOBS= 90.0 SIGMA= 2.1 PHAS= -32.5 FOM= 0.49 TEST= 0
INDE 31 32 41 FOBS= 154.4 SIGMA= 1.3 PHAS= -11.6 FOM= 0.92 TEST= 0
INDE 31 32 43 FOBS= 74.3 SIGMA= 2.5 PHAS= -60.5 FOM= 0.91 TEST= 0
INDE 31 32 45 FOBS= 82.1 SIGMA= 2.0 PHAS= -102.9 FOM= 0.77 TEST= 0
INDE 31 32 47 FOBS= 24.7 SIGMA= 7.0 PHAS= -163.4 FOM= 0.51 TEST= 0
INDE 31 32 49 FOBS= 0.0 SIGMA= 19.0 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 31 32 51 FOBS= 0.0 SIGMA= 18.6 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 31 32 53 FOBS= 85.5 SIGMA= 2.1 PHAS= 30.6 FOM= 0.84 TEST= 0
INDE 31 32 55 FOBS= 76.8 SIGMA= 2.5 PHAS= -165.4 FOM= 0.82 TEST= 0
INDE 31 32 57 FOBS= 41.0 SIGMA= 6.1 PHAS= -177.9 FOM= 0.62 TEST= 0
INDE 31 32 59 FOBS= 0.0 SIGMA= 22.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 31 32 61 FOBS= 92.7 SIGMA= 2.9 PHAS= 114.8 FOM= 0.94 TEST= 0
INDE 31 32 63 FOBS= 31.9 SIGMA= 9.4 PHAS= -159.2 FOM= 0.69 TEST= 0
INDE 31 33 32 FOBS= 123.7 SIGMA= 1.4 PHAS= 169.6 FOM= 0.95 TEST= 0
INDE 31 33 34 FOBS= 110.7 SIGMA= 1.6 PHAS= 12.2 FOM= 0.83 TEST= 0
INDE 31 33 36 FOBS= 0.0 SIGMA= 20.3 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 31 33 38 FOBS= 111.4 SIGMA= 1.7 PHAS= 107.2 FOM= 0.95 TEST= 0
INDE 31 33 40 FOBS= 54.1 SIGMA= 3.4 PHAS= -63.5 FOM= 0.60 TEST= 0
INDE 31 33 42 FOBS= 50.0 SIGMA= 3.7 PHAS= 23.7 FOM= 0.45 TEST= 0
INDE 31 33 44 FOBS= 36.1 SIGMA= 5.0 PHAS= 84.0 FOM= 0.63 TEST= 0
INDE 31 33 46 FOBS= 46.4 SIGMA= 3.9 PHAS= 104.8 FOM= 0.37 TEST= 1
INDE 31 33 48 FOBS= 57.5 SIGMA= 2.8 PHAS= 160.6 FOM= 0.84 TEST= 0
INDE 31 33 50 FOBS= 88.1 SIGMA= 1.9 PHAS= -32.8 FOM= 0.90 TEST= 0
INDE 31 33 52 FOBS= 37.6 SIGMA= 5.2 PHAS= -89.3 FOM= 0.53 TEST= 0
INDE 31 33 54 FOBS= 53.8 SIGMA= 3.5 PHAS= -172.7 FOM= 0.64 TEST= 0

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INDE 31 33 56 FOBS= 0.0 SIGMA= 19.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 31 33 58 FOBS= 41.6 SIGMA= 6.2 PHAS= -82.8 FOM= 0.01 TEST= 1
INDE 31 33 60 FOBS= 0.0 SIGMA= 24.0 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 31 33 62 FOBS= 119.1 SIGMA= 2.6 PHAS= 33.5 FOM= 0.94 TEST= 0
INDE 31 34 31 FOBS= 161.0 SIGMA= 1.2 PHAS= -55.4 FOM= 0.95 TEST= 0
INDE 31 34 33 FOBS= 81.3 SIGMA= 2.1 PHAS= -24.7 FOM= 0.85 TEST= 0
INDE 31 34 35 FOBS= 89.1 SIGMA= 2.1 PHAS= 17.5 FOM= 0.96 TEST= 0
INDE 31 34 37 FOBS= 136.4 SIGMA= 1.4 PHAS= -41.5 FOM= 0.94 TEST= 0
INDE 31 34 39 FOBS= 67.0 SIGMA= 2.8 PHAS= -109.7 FOM= 0.89 TEST= 0
INDE 31 34 41 FOBS= 113.7 SIGMA= 1.7 PHAS= -135.5 FOM= 0.86 TEST= 0
INDE 31 34 43 FOBS= 97.2 SIGMA= 1.9 PHAS= -23.0 FOM= 0.85 TEST= 0
INDE 31 34 45 FOBS= 92.4 SIGMA= 2.0 PHAS= -68.3 FOM= 0.92 TEST= 0
INDE 31 34 47 FOBS= 0.0 SIGMA= 19.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 31 34 49 FOBS= 46.2 SIGMA= 3.7 PHAS= 0.8 FOM= 0.84 TEST= 0
INDE 31 34 51 FOBS= 39.9 SIGMA= 4.6 PHAS= 164.8 FOM= 0.75 TEST= 0
INDE 31 34 53 FOBS= 101.2 SIGMA= 1.9 PHAS= 41.8 FOM= 0.92 TEST= 0
INDE 31 34 55 FOBS= 26.3 SIGMA= 8.0 PHAS= 153.8 FOM= 0.62 TEST= 0
INDE 31 34 57 FOBS= 36.9 SIGMA= 5.9 PHAS= -173.2 FOM= 0.03 TEST= 1
INDE 31 34 59 FOBS= 54.0 SIGMA= 4.4 PHAS= -26.5 FOM= 0.37 TEST= 0
INDE 31 34 61 FOBS= 25.8 SIGMA= 11.5 PHAS= -55.7 FOM= 0.25 TEST= 0
INDE 31 35 32 FOBS= 142.2 SIGMA= 1.3 PHAS= -95.7 FOM= 0.79 TEST= 0
INDE 31 35 34 FOBS= 189.2 SIGMA= 1.0 PHAS= -15.3 FOM= 0.97 TEST= 0
INDE 31 35 36 FOBS= 128.4 SIGMA= 1.5 PHAS= -171.3 FOM= 0.91 TEST= 0
INDE 31 35 38 FOBS= 138.1 SIGMA= 1.4 PHAS= -158.7 FOM= 0.92 TEST= 0
INDE 31 35 40 FOBS= 83.3 SIGMA= 2.3 PHAS= -150.6 FOM= 0.88 TEST= 0
INDE 31 35 42 FOBS= 87.6 SIGMA= 2.1 PHAS= 114.0 FOM= 0.86 TEST= 0
INDE 31 35 44 FOBS= 100.4 SIGMA= 1.9 PHAS= 177.2 FOM= 0.87 TEST= 0
INDE 31 35 46 FOBS= 34.1 SIGMA= 5.5 PHAS= -177.9 FOM= 0.56 TEST= 0
INDE 31 35 48 FOBS= 30.9 SIGMA= 6.0 PHAS= -132.6 FOM= 0.48 TEST= 0
INDE 31 35 50 FOBS= 142.8 SIGMA= 1.3 PHAS= -94.1 FOM= 0.14 TEST= 1
INDE 31 35 52 FOBS= 71.1 SIGMA= 2.5 PHAS= -77.6 FOM= 0.89 TEST= 0
INDE 31 35 54 FOBS= 51.0 SIGMA= 3.7 PHAS= -169.4 FOM= 0.79 TEST= 0
INDE 31 35 56 FOBS= 32.6 SIGMA= 5.8 PHAS= -158.9 FOM= 0.21 TEST= 0
INDE 31 35 58 FOBS= 67.8 SIGMA= 2.9 PHAS= -54.4 FOM= 0.02 TEST= 1
INDE 31 35 60 FOBS= 10.0 SIGMA= 25.7 PHAS= -66.7 FOM= 0.19 TEST= 0
INDE 31 35 62 FOBS= 0.0 SIGMA= 26.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 31 36 31 FOBS= 84.0 SIGMA= 2.2 PHAS= -52.2 FOM= 0.72 TEST= 0
INDE 31 36 33 FOBS= 98.1 SIGMA= 1.7 PHAS= -115.6 FOM= 0.90 TEST= 0
INDE 31 36 35 FOBS= 0.0 SIGMA= 19.6 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 31 36 37 FOBS= 85.2 SIGMA= 2.2 PHAS= -4.4 FOM= 0.56 TEST= 0
INDE 31 36 39 FOBS= 169.1 SIGMA= 1.2 PHAS= 169.1 FOM= 0.97 TEST= 0
INDE 31 36 41 FOBS= 139.0 SIGMA= 1.4 PHAS= 103.1 FOM= 0.95 TEST= 0
INDE 31 36 43 FOBS= 143.3 SIGMA= 1.3 PHAS= 26.6 FOM= 0.95 TEST= 0
INDE 31 36 45 FOBS= 69.3 SIGMA= 2.6 PHAS= -153.7 FOM= 0.72 TEST= 0
INDE 31 36 47 FOBS= 0.0 SIGMA= 19.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 31 36 49 FOBS= 98.1 SIGMA= 1.9 PHAS= 2.9 FOM= 0.89 TEST= 0
INDE 31 36 51 FOBS= 93.0 SIGMA= 2.0 PHAS= -146.5 FOM= 0.16 TEST= 1
INDE 31 36 53 FOBS= 0.0 SIGMA= 20.0 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 31 36 55 FOBS= 77.2 SIGMA= 2.5 PHAS= 93.3 FOM= 0.87 TEST= 0
INDE 31 36 57 FOBS= 0.0 SIGMA= 21.0 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 31 36 59 FOBS= 82.0 SIGMA= 2.6 PHAS= -114.3 FOM= 0.92 TEST= 0
INDE 31 36 61 FOBS= 29.1 SIGMA= 12.2 PHAS= -142.4 FOM= 0.16 TEST= 0
INDE 31 37 32 FOBS= 52.0 SIGMA= 3.5 PHAS= 163.3 FOM= 0.83 TEST= 0
INDE 31 37 34 FOBS= 0.0 SIGMA= 19.0 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 31 37 36 FOBS= 134.2 SIGMA= 1.4 PHAS= -138.8 FOM= 0.92 TEST= 0
INDE 31 37 38 FOBS= 58.7 SIGMA= 3.2 PHAS= 150.3 FOM= 0.69 TEST= 0
INDE 31 37 40 FOBS= 144.7 SIGMA= 1.4 PHAS= 27.1 FOM= 0.97 TEST= 0
INDE 31 37 42 FOBS= 0.0 SIGMA= 19.6 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 31 37 44 FOBS= 24.2 SIGMA= 7.8 PHAS= -120.2 FOM= 0.33 TEST= 0
INDE 31 37 46 FOBS= 75.6 SIGMA= 2.4 PHAS= 43.2 FOM= 0.88 TEST= 0
INDE 31 37 48 FOBS= 67.5 SIGMA= 2.7 PHAS= -87.7 FOM= 0.78 TEST= 0
INDE 31 37 50 FOBS= 125.6 SIGMA= 1.5 PHAS= -43.5 FOM= 0.96 TEST= 0
INDE 31 37 52 FOBS= 0.0 SIGMA= 19.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 31 37 54 FOBS= 0.0 SIGMA= 19.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 31 37 56 FOBS= 38.0 SIGMA= 5.3 PHAS= -25.0 FOM= 0.49 TEST= 0
INDE 31 37 58 FOBS= 20.1 SIGMA= 11.0 PHAS= -158.8 FOM= 0.14 TEST= 0
INDE 31 37 60 FOBS= 68.0 SIGMA= 3.4 PHAS= 134.3 FOM= 0.66 TEST= 0
INDE 31 38 31 FOBS= 56.7 SIGMA= 3.2 PHAS= 83.7 FOM= 0.31 TEST= 0
INDE 31 38 33 FOBS= 0.0 SIGMA= 18.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 31 38 35 FOBS= 143.8 SIGMA= 1.3 PHAS= 122.0 FOM= 0.94 TEST= 0

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INDE	31	38	37	FOBS=	54.6	SIGMA=	3.6	PHAS=	148.4	FOM=	0.53	TEST=	0
INDE	31	38	39	FOBS=	106.6	SIGMA=	1.8	PHAS=	-119.2	FOM=	0.94	TEST=	0
INDE	31	38	41	FOBS=	52.1	SIGMA=	3.8	PHAS=	6.2	FOM=	0.68	TEST=	0
INDE	31	38	43	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	38	45	FOBS=	107.6	SIGMA=	1.7	PHAS=	-94.8	FOM=	0.95	TEST=	0
INDE	31	38	47	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	38	49	FOBS=	60.9	SIGMA=	3.1	PHAS=	-144.3	FOM=	0.83	TEST=	0
INDE	31	38	51	FOBS=	100.0	SIGMA=	1.9	PHAS=	-173.6	FOM=	0.91	TEST=	0
INDE	31	38	53	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	38	55	FOBS=	32.5	SIGMA=	7.2	PHAS=	-94.6	FOM=	0.46	TEST=	0
INDE	31	38	57	FOBS=	35.4	SIGMA=	6.7	PHAS=	-102.3	FOM=	0.74	TEST=	0
INDE	31	38	59	FOBS=	17.8	SIGMA=	14.5	PHAS=	125.2	FOM=	0.05	TEST=	1
INDE	31	39	32	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	39	34	FOBS=	33.0	SIGMA=	5.4	PHAS=	71.0	FOM=	0.49	TEST=	0
INDE	31	39	36	FOBS=	91.6	SIGMA=	2.0	PHAS=	-172.4	FOM=	0.89	TEST=	0
INDE	31	39	38	FOBS=	28.7	SIGMA=	7.1	PHAS=	20.6	FOM=	0.67	TEST=	0
INDE	31	39	40	FOBS=	47.6	SIGMA=	4.1	PHAS=	44.4	FOM=	0.75	TEST=	0
INDE	31	39	42	FOBS=	51.6	SIGMA=	3.6	PHAS=	166.5	FOM=	0.76	TEST=	0
INDE	31	39	44	FOBS=	120.5	SIGMA=	1.6	PHAS=	-160.6	FOM=	0.91	TEST=	0
INDE	31	39	46	FOBS=	36.9	SIGMA=	5.4	PHAS=	17.5	FOM=	0.70	TEST=	0
INDE	31	39	48	FOBS=	74.5	SIGMA=	2.5	PHAS=	-122.9	FOM=	0.56	TEST=	0
INDE	31	39	50	FOBS=	49.3	SIGMA=	3.7	PHAS=	-41.4	FOM=	0.63	TEST=	0
INDE	31	39	52	FOBS=	42.2	SIGMA=	4.9	PHAS=	-11.7	FOM=	0.65	TEST=	0
INDE	31	39	54	FOBS=	70.7	SIGMA=	2.8	PHAS=	179.4	FOM=	0.87	TEST=	0
INDE	31	39	56	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	39	58	FOBS=	37.5	SIGMA=	6.0	PHAS=	154.0	FOM=	0.81	TEST=	0
INDE	31	40	31	FOBS=	142.6	SIGMA=	1.3	PHAS=	86.4	FOM=	0.95	TEST=	0
INDE	31	40	33	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	40	35	FOBS=	118.2	SIGMA=	1.6	PHAS=	34.9	FOM=	0.93	TEST=	0
INDE	31	40	37	FOBS=	55.6	SIGMA=	3.3	PHAS=	68.0	FOM=	0.53	TEST=	0
INDE	31	40	39	FOBS=	171.5	SIGMA=	1.2	PHAS=	-146.0	FOM=	0.96	TEST=	0
INDE	31	40	41	FOBS=	132.9	SIGMA=	1.5	PHAS=	34.1	FOM=	0.94	TEST=	0
INDE	31	40	43	FOBS=	111.5	SIGMA=	1.7	PHAS=	41.0	FOM=	0.89	TEST=	0
INDE	31	40	45	FOBS=	90.6	SIGMA=	2.0	PHAS=	-134.3	FOM=	0.82	TEST=	0
INDE	31	40	47	FOBS=	85.7	SIGMA=	2.2	PHAS=	-20.1	FOM=	0.77	TEST=	0
INDE	31	40	49	FOBS=	85.7	SIGMA=	2.2	PHAS=	-154.8	FOM=	0.89	TEST=	0
INDE	31	40	51	FOBS=	36.5	SIGMA=	5.0	PHAS=	171.3	FOM=	0.52	TEST=	0
INDE	31	40	53	FOBS=	45.2	SIGMA=	4.4	PHAS=	78.1	FOM=	0.64	TEST=	0
INDE	31	40	55	FOBS=	41.1	SIGMA=	5.4	PHAS=	-63.4	FOM=	0.72	TEST=	0
INDE	31	40	57	FOBS=	75.1	SIGMA=	3.0	PHAS=	-70.3	FOM=	0.91	TEST=	0
INDE	31	40	59	FOBS=	0.0	SIGMA=	29.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	41	32	FOBS=	109.2	SIGMA=	1.7	PHAS=	-67.1	FOM=	0.93	TEST=	0
INDE	31	41	34	FOBS=	57.0	SIGMA=	3.1	PHAS=	-123.8	FOM=	0.78	TEST=	0
INDE	31	41	36	FOBS=	140.4	SIGMA=	1.4	PHAS=	-125.2	FOM=	0.95	TEST=	0
INDE	31	41	38	FOBS=	60.0	SIGMA=	3.0	PHAS=	41.4	FOM=	0.85	TEST=	0
INDE	31	41	40	FOBS=	28.0	SIGMA=	6.8	PHAS=	-84.0	FOM=	0.31	TEST=	0
INDE	31	41	42	FOBS=	93.2	SIGMA=	2.0	PHAS=	-69.9	FOM=	0.91	TEST=	0
INDE	31	41	44	FOBS=	29.7	SIGMA=	6.5	PHAS=	117.7	FOM=	0.18	TEST=	0
INDE	31	41	46	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	41	48	FOBS=	43.6	SIGMA=	4.4	PHAS=	-153.2	FOM=	0.22	TEST=	1
INDE	31	41	50	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	41	52	FOBS=	110.1	SIGMA=	1.8	PHAS=	-27.1	FOM=	0.95	TEST=	0
INDE	31	41	54	FOBS=	57.9	SIGMA=	3.9	PHAS=	164.6	FOM=	0.88	TEST=	0
INDE	31	41	56	FOBS=	54.5	SIGMA=	4.2	PHAS=	-177.5	FOM=	0.77	TEST=	0
INDE	31	41	58	FOBS=	52.6	SIGMA=	4.8	PHAS=	-179.0	FOM=	0.84	TEST=	0
INDE	31	42	31	FOBS=	83.4	SIGMA=	2.1	PHAS=	60.5	FOM=	0.91	TEST=	0
INDE	31	42	33	FOBS=	89.3	SIGMA=	1.9	PHAS=	-146.6	FOM=	0.82	TEST=	0
INDE	31	42	35	FOBS=	91.9	SIGMA=	2.2	PHAS=	139.8	FOM=	0.91	TEST=	0
INDE	31	42	37	FOBS=	90.8	SIGMA=	2.0	PHAS=	-155.2	FOM=	0.60	TEST=	0
INDE	31	42	39	FOBS=	95.3	SIGMA=	1.9	PHAS=	-133.5	FOM=	0.17	TEST=	1
INDE	31	42	41	FOBS=	40.9	SIGMA=	4.5	PHAS=	53.5	FOM=	0.33	TEST=	0
INDE	31	42	43	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	42	45	FOBS=	140.0	SIGMA=	1.4	PHAS=	-174.4	FOM=	0.96	TEST=	0
INDE	31	42	47	FOBS=	35.5	SIGMA=	5.7	PHAS=	102.4	FOM=	0.19	TEST=	0
INDE	31	42	49	FOBS=	29.5	SIGMA=	6.6	PHAS=	-124.7	FOM=	0.43	TEST=	0
INDE	31	42	51	FOBS=	82.9	SIGMA=	2.4	PHAS=	-178.1	FOM=	0.90	TEST=	0
INDE	31	42	53	FOBS=	17.3	SIGMA=	13.0	PHAS=	168.4	FOM=	0.23	TEST=	0
INDE	31	42	55	FOBS=	77.6	SIGMA=	3.0	PHAS=	10.2	FOM=	0.80	TEST=	0
INDE	31	42	57	FOBS=	0.0	SIGMA=	26.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	43	32	FOBS=	71.0	SIGMA=	2.3	PHAS=	-46.8	FOM=	0.73	TEST=	0

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INDE	31	43	34	FOBS=	0.0	SIGMA=	18.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	43	36	FOBS=	61.2	SIGMA=	2.9	PHAS=	-24.5	FOM=	0.05	TEST=	1
INDE	31	43	38	FOBS=	62.8	SIGMA=	2.6	PHAS=	-19.1	FOM=	0.17	TEST=	0
INDE	31	43	40	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	43	42	FOBS=	70.7	SIGMA=	2.6	PHAS=	-84.3	FOM=	0.83	TEST=	0
INDE	31	43	44	FOBS=	72.3	SIGMA=	2.6	PHAS=	33.6	FOM=	0.87	TEST=	0
INDE	31	43	46	FOBS=	27.7	SIGMA=	6.7	PHAS=	116.3	FOM=	0.58	TEST=	0
INDE	31	43	48	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	43	50	FOBS=	46.7	SIGMA=	4.0	PHAS=	-27.3	FOM=	0.20	TEST=	0
INDE	31	43	52	FOBS=	61.7	SIGMA=	3.7	PHAS=	27.7	FOM=	0.81	TEST=	0
INDE	31	43	54	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	43	56	FOBS=	25.4	SIGMA=	9.2	PHAS=	-105.4	FOM=	0.16	TEST=	0
INDE	31	44	31	FOBS=	103.4	SIGMA=	1.6	PHAS=	-6.1	FOM=	0.39	TEST=	1
INDE	31	44	33	FOBS=	30.0	SIGMA=	5.6	PHAS=	-105.9	FOM=	0.67	TEST=	0
INDE	31	44	35	FOBS=	60.5	SIGMA=	2.8	PHAS=	174.5	FOM=	0.62	TEST=	0
INDE	31	44	37	FOBS=	92.5	SIGMA=	1.9	PHAS=	135.7	FOM=	0.88	TEST=	0
INDE	31	44	39	FOBS=	29.9	SIGMA=	6.1	PHAS=	66.0	FOM=	0.33	TEST=	0
INDE	31	44	41	FOBS=	60.4	SIGMA=	2.8	PHAS=	-150.6	FOM=	0.80	TEST=	0
INDE	31	44	43	FOBS=	59.6	SIGMA=	2.8	PHAS=	-127.9	FOM=	0.86	TEST=	0
INDE	31	44	45	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	44	47	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	44	49	FOBS=	37.3	SIGMA=	5.0	PHAS=	164.6	FOM=	0.67	TEST=	0
INDE	31	44	51	FOBS=	79.7	SIGMA=	2.9	PHAS=	160.5	FOM=	0.94	TEST=	0
INDE	31	44	53	FOBS=	19.7	SIGMA=	12.7	PHAS=	-71.1	FOM=	0.30	TEST=	0
INDE	31	44	55	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	45	32	FOBS=	114.9	SIGMA=	1.5	PHAS=	-162.2	FOM=	0.92	TEST=	0
INDE	31	45	34	FOBS=	83.2	SIGMA=	2.0	PHAS=	158.3	FOM=	0.55	TEST=	0
INDE	31	45	36	FOBS=	99.6	SIGMA=	1.8	PHAS=	55.8	FOM=	0.91	TEST=	0
INDE	31	45	38	FOBS=	86.6	SIGMA=	1.9	PHAS=	17.7	FOM=	0.81	TEST=	0
INDE	31	45	40	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	45	42	FOBS=	77.3	SIGMA=	2.2	PHAS=	139.7	FOM=	0.89	TEST=	0
INDE	31	45	44	FOBS=	74.6	SIGMA=	2.3	PHAS=	-34.4	FOM=	0.80	TEST=	0
INDE	31	45	46	FOBS=	19.9	SIGMA=	8.9	PHAS=	-141.0	FOM=	0.27	TEST=	0
INDE	31	45	48	FOBS=	24.6	SIGMA=	8.5	PHAS=	85.0	FOM=	0.06	TEST=	1
INDE	31	45	50	FOBS=	124.7	SIGMA=	1.8	PHAS=	35.7	FOM=	0.97	TEST=	0
INDE	31	45	52	FOBS=	61.8	SIGMA=	3.8	PHAS=	69.2	FOM=	0.88	TEST=	0
INDE	31	45	54	FOBS=	90.3	SIGMA=	2.7	PHAS=	137.2	FOM=	0.87	TEST=	0
INDE	31	46	31	FOBS=	112.2	SIGMA=	1.5	PHAS=	8.7	FOM=	0.48	TEST=	1
INDE	31	46	33	FOBS=	73.1	SIGMA=	2.2	PHAS=	-163.3	FOM=	0.67	TEST=	0
INDE	31	46	35	FOBS=	90.1	SIGMA=	1.9	PHAS=	9.0	FOM=	0.66	TEST=	0
INDE	31	46	37	FOBS=	40.6	SIGMA=	4.6	PHAS=	175.6	FOM=	0.42	TEST=	0
INDE	31	46	39	FOBS=	48.0	SIGMA=	3.6	PHAS=	-120.6	FOM=	0.53	TEST=	0
INDE	31	46	41	FOBS=	36.1	SIGMA=	4.8	PHAS=	115.7	FOM=	0.23	TEST=	1
INDE	31	46	43	FOBS=	44.9	SIGMA=	3.8	PHAS=	133.0	FOM=	0.19	TEST=	0
INDE	31	46	45	FOBS=	68.3	SIGMA=	2.5	PHAS=	-98.6	FOM=	0.53	TEST=	0
INDE	31	46	47	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	46	49	FOBS=	109.6	SIGMA=	1.8	PHAS=	41.5	FOM=	0.87	TEST=	0
INDE	31	46	51	FOBS=	37.2	SIGMA=	6.9	PHAS=	25.7	FOM=	0.44	TEST=	1
INDE	31	46	53	FOBS=	95.7	SIGMA=	2.6	PHAS=	37.7	FOM=	0.94	TEST=	0
INDE	31	47	32	FOBS=	57.0	SIGMA=	2.8	PHAS=	-124.5	FOM=	0.90	TEST=	0
INDE	31	47	34	FOBS=	66.3	SIGMA=	2.5	PHAS=	56.9	FOM=	0.37	TEST=	0
INDE	31	47	36	FOBS=	93.8	SIGMA=	2.0	PHAS=	-1.9	FOM=	0.83	TEST=	0
INDE	31	47	38	FOBS=	16.8	SIGMA=	10.6	PHAS=	81.9	FOM=	0.46	TEST=	0
INDE	31	47	40	FOBS=	96.7	SIGMA=	1.8	PHAS=	96.0	FOM=	0.83	TEST=	0
INDE	31	47	42	FOBS=	18.8	SIGMA=	9.7	PHAS=	-48.6	FOM=	0.47	TEST=	0
INDE	31	47	44	FOBS=	67.0	SIGMA=	2.5	PHAS=	-10.6	FOM=	0.89	TEST=	0
INDE	31	47	46	FOBS=	71.6	SIGMA=	2.7	PHAS=	-145.1	FOM=	0.82	TEST=	0
INDE	31	47	48	FOBS=	74.4	SIGMA=	2.8	PHAS=	-30.2	FOM=	0.90	TEST=	0
INDE	31	47	50	FOBS=	40.6	SIGMA=	5.5	PHAS=	10.6	FOM=	0.69	TEST=	0
INDE	31	47	52	FOBS=	95.7	SIGMA=	2.4	PHAS=	-22.6	FOM=	0.96	TEST=	0
INDE	31	48	31	FOBS=	37.5	SIGMA=	4.5	PHAS=	-166.9	FOM=	0.63	TEST=	0
INDE	31	48	33	FOBS=	15.6	SIGMA=	12.5	PHAS=	153.3	FOM=	0.05	TEST=	0
INDE	31	48	35	FOBS=	51.8	SIGMA=	3.2	PHAS=	-114.3	FOM=	0.77	TEST=	0
INDE	31	48	37	FOBS=	10.3	SIGMA=	17.3	PHAS=	-54.3	FOM=	0.20	TEST=	0
INDE	31	48	39	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	48	41	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	48	43	FOBS=	86.3	SIGMA=	2.1	PHAS=	-113.4	FOM=	0.89	TEST=	0
INDE	31	48	45	FOBS=	79.2	SIGMA=	2.6	PHAS=	-135.1	FOM=	0.90	TEST=	0
INDE	31	48	47	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	48	49	FOBS=	85.3	SIGMA=	2.6	PHAS=	6.3	FOM=	0.07	TEST=	1

INDE	31	48	51	FOBS=	28.9	SIGMA=	9.2	PHAS=	-87.7	FOM=	0.56	TEST=	0
INDE	31	49	32	FOBS=	23.9	SIGMA=	6.6	PHAS=	96.9	FOM=	0.07	TEST=	1
INDE	31	49	34	FOBS=	27.1	SIGMA=	6.5	PHAS=	84.7	FOM=	0.27	TEST=	0
INDE	31	49	36	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	49	38	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	49	40	FOBS=	50.3	SIGMA=	3.5	PHAS=	101.1	FOM=	0.45	TEST=	1
INDE	31	49	42	FOBS=	64.9	SIGMA=	2.9	PHAS=	41.7	FOM=	0.83	TEST=	0
INDE	31	49	44	FOBS=	94.4	SIGMA=	2.3	PHAS=	126.7	FOM=	0.94	TEST=	0
INDE	31	49	46	FOBS=	95.4	SIGMA=	2.3	PHAS=	144.9	FOM=	0.90	TEST=	0
INDE	31	49	48	FOBS=	126.9	SIGMA=	1.8	PHAS=	-2.3	FOM=	0.97	TEST=	0
INDE	31	49	50	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	50	31	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	50	33	FOBS=	70.9	SIGMA=	2.3	PHAS=	-24.2	FOM=	0.79	TEST=	0
INDE	31	50	35	FOBS=	84.8	SIGMA=	2.0	PHAS=	-166.3	FOM=	0.20	TEST=	1
INDE	31	50	37	FOBS=	88.5	SIGMA=	2.2	PHAS=	-83.5	FOM=	0.79	TEST=	0
INDE	31	50	39	FOBS=	38.4	SIGMA=	5.7	PHAS=	-110.8	FOM=	0.71	TEST=	0
INDE	31	50	41	FOBS=	45.9	SIGMA=	4.6	PHAS=	47.5	FOM=	0.71	TEST=	1
INDE	31	50	43	FOBS=	38.5	SIGMA=	6.5	PHAS=	69.8	FOM=	0.25	TEST=	0
INDE	31	50	45	FOBS=	15.5	SIGMA=	14.7	PHAS=	50.1	FOM=	0.29	TEST=	0
INDE	31	50	47	FOBS=	9.9	SIGMA=	22.4	PHAS=	-65.7	FOM=	0.12	TEST=	0
INDE	31	50	49	FOBS=	0.0	SIGMA=	23.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	51	32	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	51	34	FOBS=	33.9	SIGMA=	5.5	PHAS=	-105.3	FOM=	0.37	TEST=	0
INDE	31	51	36	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	51	38	FOBS=	105.9	SIGMA=	2.0	PHAS=	-144.5	FOM=	0.90	TEST=	0
INDE	31	51	40	FOBS=	33.8	SIGMA=	7.9	PHAS=	-105.8	FOM=	0.70	TEST=	0
INDE	31	51	42	FOBS=	69.3	SIGMA=	3.1	PHAS=	113.3	FOM=	0.88	TEST=	0
INDE	31	51	44	FOBS=	64.7	SIGMA=	3.4	PHAS=	47.1	FOM=	0.56	TEST=	0
INDE	31	51	46	FOBS=	31.1	SIGMA=	7.1	PHAS=	-170.0	FOM=	0.24	TEST=	0
INDE	31	51	48	FOBS=	86.3	SIGMA=	2.7	PHAS=	37.0	FOM=	0.91	TEST=	0
INDE	31	52	31	FOBS=	82.8	SIGMA=	2.2	PHAS=	9.0	FOM=	0.86	TEST=	0
INDE	31	52	33	FOBS=	44.4	SIGMA=	4.0	PHAS=	-13.2	FOM=	0.35	TEST=	0
INDE	31	52	35	FOBS=	79.4	SIGMA=	2.3	PHAS=	133.7	FOM=	0.94	TEST=	0
INDE	31	52	37	FOBS=	47.4	SIGMA=	5.1	PHAS=	-179.0	FOM=	0.47	TEST=	0
INDE	31	52	39	FOBS=	60.2	SIGMA=	4.1	PHAS=	-155.5	FOM=	0.91	TEST=	0
INDE	31	52	41	FOBS=	98.8	SIGMA=	2.4	PHAS=	82.1	FOM=	0.79	TEST=	0
INDE	31	52	43	FOBS=	27.2	SIGMA=	8.6	PHAS=	39.7	FOM=	0.37	TEST=	0
INDE	31	52	45	FOBS=	41.5	SIGMA=	5.3	PHAS=	-52.2	FOM=	0.47	TEST=	0
INDE	31	52	47	FOBS=	47.0	SIGMA=	4.9	PHAS=	4.4	FOM=	0.77	TEST=	0
INDE	31	53	32	FOBS=	69.9	SIGMA=	2.7	PHAS=	-45.0	FOM=	0.78	TEST=	0
INDE	31	53	34	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	53	36	FOBS=	87.0	SIGMA=	2.4	PHAS=	-102.3	FOM=	0.37	TEST=	1
INDE	31	53	38	FOBS=	73.5	SIGMA=	3.3	PHAS=	144.1	FOM=	0.89	TEST=	0
INDE	31	53	40	FOBS=	66.8	SIGMA=	3.8	PHAS=	29.5	FOM=	0.78	TEST=	0
INDE	31	53	42	FOBS=	45.7	SIGMA=	4.8	PHAS=	112.7	FOM=	0.67	TEST=	0
INDE	31	53	44	FOBS=	43.1	SIGMA=	5.1	PHAS=	-48.7	FOM=	0.28	TEST=	0
INDE	31	53	46	FOBS=	16.1	SIGMA=	16.2	PHAS=	-105.4	FOM=	0.07	TEST=	0
INDE	31	54	31	FOBS=	56.3	SIGMA=	3.3	PHAS=	51.4	FOM=	0.79	TEST=	0
INDE	31	54	33	FOBS=	81.6	SIGMA=	2.5	PHAS=	-123.7	FOM=	0.91	TEST=	0
INDE	31	54	35	FOBS=	104.9	SIGMA=	2.1	PHAS=	158.1	FOM=	0.94	TEST=	0
INDE	31	54	37	FOBS=	69.0	SIGMA=	3.5	PHAS=	64.1	FOM=	0.68	TEST=	0
INDE	31	54	39	FOBS=	40.0	SIGMA=	6.8	PHAS=	-113.2	FOM=	0.24	TEST=	0
INDE	31	54	41	FOBS=	75.4	SIGMA=	3.4	PHAS=	-0.1	FOM=	0.87	TEST=	0
INDE	31	54	43	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	54	45	FOBS=	55.2	SIGMA=	4.1	PHAS=	-59.4	FOM=	0.54	TEST=	0
INDE	31	55	32	FOBS=	35.8	SIGMA=	5.8	PHAS=	-150.4	FOM=	0.06	TEST=	0
INDE	31	55	34	FOBS=	90.7	SIGMA=	2.4	PHAS=	141.7	FOM=	0.94	TEST=	0
INDE	31	55	36	FOBS=	77.1	SIGMA=	2.9	PHAS=	-67.3	FOM=	0.92	TEST=	0
INDE	31	55	38	FOBS=	95.0	SIGMA=	2.7	PHAS=	122.0	FOM=	0.89	TEST=	0
INDE	31	55	40	FOBS=	41.0	SIGMA=	6.1	PHAS=	-43.2	FOM=	0.39	TEST=	0
INDE	31	55	42	FOBS=	17.6	SIGMA=	18.2	PHAS=	-147.7	FOM=	0.41	TEST=	0
INDE	31	55	44	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	56	31	FOBS=	40.9	SIGMA=	6.8	PHAS=	-37.7	FOM=	0.05	TEST=	1
INDE	31	56	33	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	56	35	FOBS=	46.4	SIGMA=	5.1	PHAS=	90.4	FOM=	0.74	TEST=	0
INDE	31	56	37	FOBS=	19.6	SIGMA=	12.5	PHAS=	54.4	FOM=	0.10	TEST=	0
INDE	31	56	39	FOBS=	34.7	SIGMA=	7.2	PHAS=	-70.6	FOM=	0.20	TEST=	0
INDE	31	56	41	FOBS=	64.8	SIGMA=	4.0	PHAS=	8.8	FOM=	0.87	TEST=	0
INDE	31	56	43	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	31	57	32	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0

INDE 31 57 34 FOBS= 0.0 SIGMA= 21.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 31 57 36 FOBS= 66.9 SIGMA= 3.4 PHAS= -67.0 FOM= 0.89 TEST= 0
INDE 31 57 38 FOBS= 87.8 SIGMA= 2.9 PHAS= 95.7 FOM= 0.90 TEST= 0
INDE 31 57 40 FOBS= 36.2 SIGMA= 7.8 PHAS= 176.3 FOM= 0.62 TEST= 0
INDE 31 57 42 FOBS= 0.0 SIGMA= 23.0 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 31 58 31 FOBS= 0.0 SIGMA= 23.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 31 58 33 FOBS= 23.6 SIGMA= 9.7 PHAS= 109.5 FOM= 0.25 TEST= 0
INDE 31 58 35 FOBS= 54.9 SIGMA= 4.0 PHAS= 144.4 FOM= 0.01 TEST= 1
INDE 31 58 37 FOBS= 61.2 SIGMA= 3.9 PHAS= -57.5 FOM= 0.60 TEST= 0
INDE 31 58 39 FOBS= 73.1 SIGMA= 3.5 PHAS= 27.4 FOM= 0.91 TEST= 0
INDE 31 58 41 FOBS= 67.6 SIGMA= 4.0 PHAS= 7.1 FOM= 0.81 TEST= 0
INDE 31 59 32 FOBS= 47.5 SIGMA= 7.0 PHAS= 52.1 FOM= 0.13 TEST= 1
INDE 31 59 34 FOBS= 29.6 SIGMA= 8.6 PHAS= 40.7 FOM= 0.03 TEST= 1
INDE 31 59 36 FOBS= 69.1 SIGMA= 3.3 PHAS= -106.7 FOM= 0.88 TEST= 0
INDE 31 59 38 FOBS= 51.2 SIGMA= 4.5 PHAS= -87.0 FOM= 0.73 TEST= 0
INDE 31 59 40 FOBS= 57.6 SIGMA= 6.4 PHAS= -113.6 FOM= 0.77 TEST= 0
INDE 31 60 31 FOBS= 119.2 SIGMA= 2.2 PHAS= -155.5 FOM= 0.96 TEST= 0
INDE 31 60 33 FOBS= 36.5 SIGMA= 8.1 PHAS= 94.6 FOM= 0.06 TEST= 1
INDE 31 60 35 FOBS= 46.7 SIGMA= 5.7 PHAS= 94.3 FOM= 0.23 TEST= 1
INDE 31 60 37 FOBS= 19.8 SIGMA= 12.4 PHAS= -179.2 FOM= 0.41 TEST= 0
INDE 31 61 32 FOBS= 102.7 SIGMA= 2.6 PHAS= 75.7 FOM= 0.95 TEST= 0
INDE 31 61 34 FOBS= 0.0 SIGMA= 21.0 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 31 61 36 FOBS= 46.7 SIGMA= 4.9 PHAS= 48.6 FOM= 0.80 TEST= 0
INDE 31 62 31 FOBS= 52.1 SIGMA= 5.0 PHAS= 10.7 FOM= 0.50 TEST= 0
INDE 31 62 33 FOBS= 34.4 SIGMA= 8.6 PHAS= -19.1 FOM= 0.47 TEST= 0
INDE 31 62 35 FOBS= 78.3 SIGMA= 3.2 PHAS= -71.8 FOM= 0.87 TEST= 0
INDE 31 63 32 FOBS= 0.0 SIGMA= 29.0 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 31 64 31 FOBS= 0.0 SIGMA= 34.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 32 32 32 FOBS= 140.9 SIGMA= 2.2 PHAS= 54.2 FOM= 0.98 TEST= 0
INDE 32 33 33 FOBS= 0.0 SIGMA= 18.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 32 33 35 FOBS= 71.0 SIGMA= 2.4 PHAS= -118.3 FOM= 0.89 TEST= 0
INDE 32 33 37 FOBS= 14.9 SIGMA= 12.3 PHAS= 177.8 FOM= 0.09 TEST= 0
INDE 32 33 39 FOBS= 28.2 SIGMA= 6.5 PHAS= 32.2 FOM= 0.17 TEST= 0
INDE 32 33 41 FOBS= 131.4 SIGMA= 1.5 PHAS= -156.5 FOM= 0.96 TEST= 0
INDE 32 33 43 FOBS= 69.8 SIGMA= 2.7 PHAS= 159.7 FOM= 0.26 TEST= 1
INDE 32 33 45 FOBS= 89.8 SIGMA= 2.1 PHAS= 106.0 FOM= 0.87 TEST= 0
INDE 32 33 47 FOBS= 0.0 SIGMA= 19.3 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 32 33 49 FOBS= 27.8 SIGMA= 6.3 PHAS= 118.2 FOM= 0.44 TEST= 0
INDE 32 33 51 FOBS= 45.0 SIGMA= 4.5 PHAS= -49.2 FOM= 0.75 TEST= 0
INDE 32 33 53 FOBS= 47.1 SIGMA= 4.0 PHAS= -53.3 FOM= 0.81 TEST= 0
INDE 32 33 55 FOBS= 54.5 SIGMA= 3.5 PHAS= 77.4 FOM= 0.82 TEST= 0
INDE 32 33 57 FOBS= 0.0 SIGMA= 19.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 32 33 59 FOBS= 0.0 SIGMA= 20.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 32 33 61 FOBS= 51.5 SIGMA= 5.1 PHAS= 134.4 FOM= 0.85 TEST= 0
INDE 32 34 32 FOBS= 127.7 SIGMA= 1.4 PHAS= 97.4 FOM= 0.25 TEST= 0
INDE 32 34 34 FOBS= 108.3 SIGMA= 1.6 PHAS= -101.8 FOM= 0.81 TEST= 1
INDE 32 34 36 FOBS= 0.0 SIGMA= 19.2 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 32 34 38 FOBS= 9.6 SIGMA= 19.3 PHAS= -91.1 FOM= 0.37 TEST= 0
INDE 32 34 40 FOBS= 64.9 SIGMA= 2.9 PHAS= 88.7 FOM= 0.80 TEST= 0
INDE 32 34 42 FOBS= 125.0 SIGMA= 1.5 PHAS= 84.1 FOM= 0.89 TEST= 0
INDE 32 34 44 FOBS= 70.5 SIGMA= 2.6 PHAS= -48.9 FOM= 0.91 TEST= 0
INDE 32 34 46 FOBS= 40.5 SIGMA= 4.5 PHAS= -99.0 FOM= 0.03 TEST= 1
INDE 32 34 48 FOBS= 101.0 SIGMA= 1.8 PHAS= 57.9 FOM= 0.90 TEST= 0
INDE 32 34 50 FOBS= 90.3 SIGMA= 2.0 PHAS= -142.7 FOM= 0.92 TEST= 0
INDE 32 34 52 FOBS= 87.4 SIGMA= 2.1 PHAS= 155.6 FOM= 0.89 TEST= 0
INDE 32 34 54 FOBS= 75.6 SIGMA= 2.5 PHAS= -84.4 FOM= 0.89 TEST= 0
INDE 32 34 56 FOBS= 44.3 SIGMA= 4.5 PHAS= 101.0 FOM= 0.77 TEST= 0
INDE 32 34 58 FOBS= 53.5 SIGMA= 3.6 PHAS= 120.3 FOM= 0.78 TEST= 0
INDE 32 34 60 FOBS= 0.0 SIGMA= 22.0 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 32 34 62 FOBS= 93.3 SIGMA= 3.0 PHAS= -29.3 FOM= 0.21 TEST= 1
INDE 32 35 33 FOBS= 66.0 SIGMA= 2.6 PHAS= -73.4 FOM= 0.09 TEST= 1
INDE 32 35 35 FOBS= 112.1 SIGMA= 1.5 PHAS= -138.7 FOM= 0.92 TEST= 0
INDE 32 35 37 FOBS= 75.9 SIGMA= 2.5 PHAS= 174.7 FOM= 0.62 TEST= 0
INDE 32 35 39 FOBS= 96.1 SIGMA= 2.0 PHAS= 64.5 FOM= 0.71 TEST= 0
INDE 32 35 41 FOBS= 55.2 SIGMA= 3.3 PHAS= 110.8 FOM= 0.53 TEST= 0
INDE 32 35 43 FOBS= 40.3 SIGMA= 4.8 PHAS= -83.6 FOM= 0.82 TEST= 0
INDE 32 35 45 FOBS= 76.9 SIGMA= 2.5 PHAS= -177.4 FOM= 0.58 TEST= 0
INDE 32 35 47 FOBS= 87.4 SIGMA= 2.1 PHAS= -148.2 FOM= 0.80 TEST= 0
INDE 32 35 49 FOBS= 90.4 SIGMA= 2.0 PHAS= -61.4 FOM= 0.90 TEST= 0
INDE 32 35 51 FOBS= 100.1 SIGMA= 1.8 PHAS= 6.6 FOM= 0.20 TEST= 1

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INDE 32 35 53 FOBS= 0.0 SIGMA= 20.0 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 32 35 55 FOBS= 57.2 SIGMA= 3.3 PHAS= 71.2 FOM= 0.73 TEST= 0
INDE 32 35 57 FOBS= 23.8 SIGMA= 8.5 PHAS= 90.0 FOM= 0.52 TEST= 0
INDE 32 35 59 FOBS= 0.0 SIGMA= 19.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 32 35 61 FOBS= 32.0 SIGMA= 7.2 PHAS= -117.2 FOM= 0.53 TEST= 0
INDE 32 36 32 FOBS= 113.8 SIGMA= 1.8 PHAS= -90.2 FOM= 0.75 TEST= 0
INDE 32 36 34 FOBS= 49.6 SIGMA= 3.4 PHAS= 124.3 FOM= 0.86 TEST= 0
INDE 32 36 36 FOBS= 143.9 SIGMA= 1.4 PHAS= 92.0 FOM= 0.96 TEST= 0
INDE 32 36 38 FOBS= 67.4 SIGMA= 2.8 PHAS= 2.5 FOM= 0.81 TEST= 0
INDE 32 36 40 FOBS= 74.5 SIGMA= 2.5 PHAS= 142.2 FOM= 0.84 TEST= 0
INDE 32 36 42 FOBS= 89.1 SIGMA= 2.1 PHAS= 68.8 FOM= 0.92 TEST= 0
INDE 32 36 44 FOBS= 148.2 SIGMA= 1.3 PHAS= -100.9 FOM= 0.59 TEST= 1
INDE 32 36 46 FOBS= 33.3 SIGMA= 5.4 PHAS= 147.4 FOM= 0.66 TEST= 0
INDE 32 36 48 FOBS= 64.6 SIGMA= 2.8 PHAS= -154.7 FOM= 0.83 TEST= 0
INDE 32 36 50 FOBS= 255.9 SIGMA= 1.0 PHAS= -113.3 FOM= 0.99 TEST= 0
INDE 32 36 52 FOBS= 0.0 SIGMA= 19.4 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 32 36 54 FOBS= 50.2 SIGMA= 4.0 PHAS= -118.9 FOM= 0.76 TEST= 0
INDE 32 36 56 FOBS= 18.7 SIGMA= 12.6 PHAS= 54.4 FOM= 0.20 TEST= 0
INDE 32 36 58 FOBS= 91.1 SIGMA= 2.2 PHAS= 50.1 FOM= 0.88 TEST= 0
INDE 32 36 60 FOBS= 57.4 SIGMA= 3.5 PHAS= 174.8 FOM= 0.85 TEST= 0
INDE 32 37 33 FOBS= 0.0 SIGMA= 19.6 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 32 37 35 FOBS= 111.2 SIGMA= 1.6 PHAS= 11.8 FOM= 0.85 TEST= 0
INDE 32 37 37 FOBS= 0.0 SIGMA= 19.1 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 32 37 39 FOBS= 108.7 SIGMA= 1.8 PHAS= 81.8 FOM= 0.96 TEST= 0
INDE 32 37 41 FOBS= 139.7 SIGMA= 1.4 PHAS= -14.4 FOM= 0.98 TEST= 0
INDE 32 37 43 FOBS= 59.4 SIGMA= 3.1 PHAS= -57.6 FOM= 0.70 TEST= 0
INDE 32 37 45 FOBS= 143.1 SIGMA= 1.3 PHAS= 160.4 FOM= 0.97 TEST= 0
INDE 32 37 47 FOBS= 34.6 SIGMA= 5.7 PHAS= -119.5 FOM= 0.35 TEST= 0
INDE 32 37 49 FOBS= 73.4 SIGMA= 2.5 PHAS= 159.3 FOM= 0.88 TEST= 0
INDE 32 37 51 FOBS= 89.4 SIGMA= 2.1 PHAS= -175.7 FOM= 0.93 TEST= 0
INDE 32 37 53 FOBS= 62.2 SIGMA= 3.1 PHAS= -175.9 FOM= 0.82 TEST= 0
INDE 32 37 55 FOBS= 29.8 SIGMA= 7.8 PHAS= -115.6 FOM= 0.05 TEST= 1
INDE 32 37 57 FOBS= 31.9 SIGMA= 6.6 PHAS= 150.0 FOM= 0.03 TEST= 0
INDE 32 37 59 FOBS= 23.5 SIGMA= 8.5 PHAS= 78.3 FOM= 0.36 TEST= 0
INDE 32 38 32 FOBS= 92.6 SIGMA= 2.0 PHAS= 66.6 FOM= 0.89 TEST= 0
INDE 32 38 34 FOBS= 68.7 SIGMA= 2.4 PHAS= 160.5 FOM= 0.89 TEST= 0
INDE 32 38 36 FOBS= 36.8 SIGMA= 4.7 PHAS= 154.5 FOM= 0.12 TEST= 1
INDE 32 38 38 FOBS= 86.9 SIGMA= 2.2 PHAS= -14.9 FOM= 0.93 TEST= 0
INDE 32 38 40 FOBS= 76.8 SIGMA= 2.4 PHAS= -112.0 FOM= 0.90 TEST= 0
INDE 32 38 42 FOBS= 42.2 SIGMA= 4.3 PHAS= -113.6 FOM= 0.81 TEST= 0
INDE 32 38 44 FOBS= 62.3 SIGMA= 3.0 PHAS= 27.0 FOM= 0.76 TEST= 0
INDE 32 38 46 FOBS= 39.9 SIGMA= 4.5 PHAS= 134.5 FOM= 0.68 TEST= 0
INDE 32 38 48 FOBS= 103.9 SIGMA= 1.8 PHAS= 142.9 FOM= 0.79 TEST= 0
INDE 32 38 50 FOBS= 137.5 SIGMA= 1.4 PHAS= -169.5 FOM= 0.96 TEST= 0
INDE 32 38 52 FOBS= 109.9 SIGMA= 1.8 PHAS= 97.2 FOM= 0.96 TEST= 0
INDE 32 38 54 FOBS= 0.0 SIGMA= 20.2 PHAS= 0.0 FOM= 0.00 TEST= 1
INDE 32 38 56 FOBS= 40.3 SIGMA= 4.9 PHAS= -13.7 FOM= 0.13 TEST= 0
INDE 32 38 58 FOBS= 0.0 SIGMA= 20.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 32 39 33 FOBS= 84.0 SIGMA= 2.2 PHAS= 55.2 FOM= 0.92 TEST= 0
INDE 32 39 35 FOBS= 121.0 SIGMA= 1.4 PHAS= -13.7 FOM= 0.82 TEST= 0
INDE 32 39 37 FOBS= 20.0 SIGMA= 11.8 PHAS= 110.0 FOM= 0.24 TEST= 0
INDE 32 39 39 FOBS= 88.1 SIGMA= 2.1 PHAS= 151.1 FOM= 0.94 TEST= 0
INDE 32 39 41 FOBS= 66.1 SIGMA= 2.8 PHAS= -122.5 FOM= 0.68 TEST= 0
INDE 32 39 43 FOBS= 52.4 SIGMA= 3.5 PHAS= -40.9 FOM= 0.62 TEST= 0
INDE 32 39 45 FOBS= 70.2 SIGMA= 2.6 PHAS= 135.1 FOM= 0.82 TEST= 0
INDE 32 39 47 FOBS= 0.0 SIGMA= 19.1 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 32 39 49 FOBS= 106.2 SIGMA= 1.8 PHAS= 103.4 FOM= 0.96 TEST= 0
INDE 32 39 51 FOBS= 92.4 SIGMA= 2.2 PHAS= 71.3 FOM= 0.86 TEST= 0
INDE 32 39 53 FOBS= 44.3 SIGMA= 4.4 PHAS= -74.6 FOM= 0.46 TEST= 0
INDE 32 39 55 FOBS= 54.8 SIGMA= 3.6 PHAS= 152.1 FOM= 0.78 TEST= 0
INDE 32 39 57 FOBS= 80.0 SIGMA= 2.5 PHAS= 174.4 FOM= 0.93 TEST= 0
INDE 32 39 59 FOBS= 60.9 SIGMA= 4.1 PHAS= 87.9 FOM= 0.68 TEST= 0
INDE 32 40 32 FOBS= 82.8 SIGMA= 2.2 PHAS= -44.8 FOM= 0.82 TEST= 0
INDE 32 40 34 FOBS= 41.0 SIGMA= 5.3 PHAS= 166.7 FOM= 0.44 TEST= 0
INDE 32 40 36 FOBS= 0.0 SIGMA= 19.5 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 32 40 38 FOBS= 169.5 SIGMA= 1.2 PHAS= -88.6 FOM= 0.95 TEST= 0
INDE 32 40 40 FOBS= 103.6 SIGMA= 1.8 PHAS= 79.7 FOM= 0.93 TEST= 0
INDE 32 40 42 FOBS= 27.6 SIGMA= 7.1 PHAS= 134.0 FOM= 0.25 TEST= 0
INDE 32 40 44 FOBS= 75.8 SIGMA= 2.4 PHAS= -38.8 FOM= 0.79 TEST= 0
INDE 32 40 46 FOBS= 0.0 SIGMA= 19.0 PHAS= 0.0 FOM= 0.00 TEST= 1

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INDE	32	40	48	FOBS=	28.8	SIGMA=	6.8	PHAS=	115.2	FOM=	0.11	TEST=	0
INDE	32	40	50	FOBS=	27.8	SIGMA=	6.6	PHAS=	7.5	FOM=	0.52	TEST=	0
INDE	32	40	52	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	40	54	FOBS=	91.5	SIGMA=	2.2	PHAS=	29.5	FOM=	0.95	TEST=	0
INDE	32	40	56	FOBS=	70.2	SIGMA=	2.9	PHAS=	62.6	FOM=	0.84	TEST=	0
INDE	32	40	58	FOBS=	64.2	SIGMA=	3.6	PHAS=	91.0	FOM=	0.84	TEST=	0
INDE	32	41	33	FOBS=	61.4	SIGMA=	2.9	PHAS=	85.2	FOM=	0.77	TEST=	0
INDE	32	41	35	FOBS=	10.5	SIGMA=	22.5	PHAS=	-76.5	FOM=	0.17	TEST=	0
INDE	32	41	37	FOBS=	111.5	SIGMA=	1.7	PHAS=	149.9	FOM=	0.95	TEST=	0
INDE	32	41	39	FOBS=	83.8	SIGMA=	2.2	PHAS=	-96.1	FOM=	0.56	TEST=	0
INDE	32	41	41	FOBS=	77.1	SIGMA=	2.4	PHAS=	-53.8	FOM=	0.90	TEST=	0
INDE	32	41	43	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	41	45	FOBS=	56.8	SIGMA=	3.3	PHAS=	91.1	FOM=	0.65	TEST=	0
INDE	32	41	47	FOBS=	81.4	SIGMA=	2.3	PHAS=	-14.5	FOM=	0.17	TEST=	1
INDE	32	41	49	FOBS=	18.4	SIGMA=	10.5	PHAS=	170.8	FOM=	0.20	TEST=	0
INDE	32	41	51	FOBS=	45.2	SIGMA=	4.3	PHAS=	102.7	FOM=	0.67	TEST=	0
INDE	32	41	53	FOBS=	92.5	SIGMA=	2.2	PHAS=	-100.4	FOM=	0.93	TEST=	0
INDE	32	41	55	FOBS=	88.8	SIGMA=	2.3	PHAS=	-98.4	FOM=	0.91	TEST=	0
INDE	32	41	57	FOBS=	39.9	SIGMA=	5.8	PHAS=	-110.2	FOM=	0.54	TEST=	0
INDE	32	42	32	FOBS=	142.4	SIGMA=	1.4	PHAS=	-56.6	FOM=	0.97	TEST=	0
INDE	32	42	34	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	42	36	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	42	38	FOBS=	88.9	SIGMA=	2.1	PHAS=	-137.8	FOM=	0.88	TEST=	0
INDE	32	42	40	FOBS=	107.0	SIGMA=	1.8	PHAS=	104.4	FOM=	0.87	TEST=	0
INDE	32	42	42	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	42	44	FOBS=	128.3	SIGMA=	1.5	PHAS=	-97.9	FOM=	0.95	TEST=	0
INDE	32	42	46	FOBS=	9.8	SIGMA=	19.7	PHAS=	111.3	FOM=	0.18	TEST=	0
INDE	32	42	48	FOBS=	64.7	SIGMA=	2.9	PHAS=	-118.9	FOM=	0.15	TEST=	1
INDE	32	42	50	FOBS=	38.0	SIGMA=	5.2	PHAS=	-84.8	FOM=	0.19	TEST=	1
INDE	32	42	52	FOBS=	42.7	SIGMA=	5.7	PHAS=	-105.3	FOM=	0.48	TEST=	0
INDE	32	42	54	FOBS=	55.8	SIGMA=	4.1	PHAS=	116.1	FOM=	0.78	TEST=	0
INDE	32	42	56	FOBS=	51.1	SIGMA=	4.5	PHAS=	178.7	FOM=	0.46	TEST=	0
INDE	32	43	33	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	32	43	35	FOBS=	91.1	SIGMA=	2.0	PHAS=	150.2	FOM=	0.87	TEST=	0
INDE	32	43	37	FOBS=	44.6	SIGMA=	4.1	PHAS=	45.2	FOM=	0.37	TEST=	0
INDE	32	43	39	FOBS=	39.3	SIGMA=	5.1	PHAS=	177.9	FOM=	0.12	TEST=	0
INDE	32	43	41	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	43	43	FOBS=	128.5	SIGMA=	1.5	PHAS=	143.5	FOM=	0.95	TEST=	0
INDE	32	43	45	FOBS=	68.9	SIGMA=	2.7	PHAS=	175.5	FOM=	0.79	TEST=	0
INDE	32	43	47	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	43	49	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	43	51	FOBS=	97.8	SIGMA=	2.1	PHAS=	134.2	FOM=	0.67	TEST=	1
INDE	32	43	53	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	43	55	FOBS=	9.0	SIGMA=	27.9	PHAS=	-59.7	FOM=	0.04	TEST=	0
INDE	32	44	32	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	32	44	34	FOBS=	112.1	SIGMA=	1.7	PHAS=	99.8	FOM=	0.19	TEST=	1
INDE	32	44	36	FOBS=	53.6	SIGMA=	3.4	PHAS=	-62.6	FOM=	0.40	TEST=	0
INDE	32	44	38	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	44	40	FOBS=	51.3	SIGMA=	3.8	PHAS=	82.6	FOM=	0.41	TEST=	0
INDE	32	44	42	FOBS=	97.1	SIGMA=	2.0	PHAS=	69.1	FOM=	0.91	TEST=	0
INDE	32	44	44	FOBS=	31.5	SIGMA=	6.6	PHAS=	-152.1	FOM=	0.60	TEST=	0
INDE	32	44	46	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	44	48	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	44	50	FOBS=	84.7	SIGMA=	2.3	PHAS=	-79.1	FOM=	0.93	TEST=	0
INDE	32	44	52	FOBS=	94.6	SIGMA=	2.5	PHAS=	42.9	FOM=	0.95	TEST=	0
INDE	32	44	54	FOBS=	0.0	SIGMA=	21.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	45	33	FOBS=	86.0	SIGMA=	1.9	PHAS=	72.2	FOM=	0.12	TEST=	1
INDE	32	45	35	FOBS=	18.1	SIGMA=	9.9	PHAS=	69.7	FOM=	0.06	TEST=	0
INDE	32	45	37	FOBS=	75.6	SIGMA=	2.3	PHAS=	39.4	FOM=	0.88	TEST=	0
INDE	32	45	39	FOBS=	51.3	SIGMA=	3.6	PHAS=	-109.4	FOM=	0.46	TEST=	0
INDE	32	45	41	FOBS=	54.5	SIGMA=	3.4	PHAS=	98.6	FOM=	0.02	TEST=	1
INDE	32	45	43	FOBS=	122.7	SIGMA=	1.6	PHAS=	111.8	FOM=	0.90	TEST=	0
INDE	32	45	45	FOBS=	100.3	SIGMA=	1.9	PHAS=	43.2	FOM=	0.08	TEST=	1
INDE	32	45	47	FOBS=	20.2	SIGMA=	9.8	PHAS=	-111.8	FOM=	0.39	TEST=	0
INDE	32	45	49	FOBS=	35.1	SIGMA=	6.1	PHAS=	144.5	FOM=	0.80	TEST=	0
INDE	32	45	51	FOBS=	58.2	SIGMA=	4.1	PHAS=	-24.4	FOM=	0.83	TEST=	0
INDE	32	45	53	FOBS=	65.9	SIGMA=	3.7	PHAS=	-56.6	FOM=	0.90	TEST=	0
INDE	32	46	32	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	46	34	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	46	36	FOBS=	112.8	SIGMA=	1.5	PHAS=	-68.5	FOM=	0.94	TEST=	0

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INDE	32	46	38	FOBS=	76.1	SIGMA=	2.3	PHAS=	-53.6	FOM=	0.83	TEST=	0
INDE	32	46	40	FOBS=	12.3	SIGMA=	14.5	PHAS=	2.2	FOM=	0.11	TEST=	0
INDE	32	46	42	FOBS=	70.1	SIGMA=	2.4	PHAS=	86.1	FOM=	0.65	TEST=	0
INDE	32	46	44	FOBS=	48.9	SIGMA=	3.4	PHAS=	-113.9	FOM=	0.61	TEST=	0
INDE	32	46	46	FOBS=	103.2	SIGMA=	1.9	PHAS=	-174.5	FOM=	0.91	TEST=	0
INDE	32	46	48	FOBS=	17.6	SIGMA=	11.6	PHAS=	84.3	FOM=	0.03	TEST=	1
INDE	32	46	50	FOBS=	75.3	SIGMA=	3.2	PHAS=	-50.2	FOM=	0.94	TEST=	0
INDE	32	46	52	FOBS=	34.3	SIGMA=	7.0	PHAS=	-145.1	FOM=	0.50	TEST=	0
INDE	32	47	33	FOBS=	55.7	SIGMA=	2.9	PHAS=	119.7	FOM=	0.82	TEST=	0
INDE	32	47	35	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	47	37	FOBS=	72.9	SIGMA=	2.4	PHAS=	-160.7	FOM=	0.49	TEST=	1
INDE	32	47	39	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	47	41	FOBS=	47.2	SIGMA=	3.7	PHAS=	39.8	FOM=	0.41	TEST=	0
INDE	32	47	43	FOBS=	88.3	SIGMA=	1.9	PHAS=	94.7	FOM=	0.90	TEST=	0
INDE	32	47	45	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	47	47	FOBS=	20.3	SIGMA=	9.0	PHAS=	85.6	FOM=	0.26	TEST=	0
INDE	32	47	49	FOBS=	89.8	SIGMA=	2.5	PHAS=	-57.1	FOM=	0.03	TEST=	1
INDE	32	47	51	FOBS=	74.2	SIGMA=	3.3	PHAS=	7.3	FOM=	0.70	TEST=	0
INDE	32	47	53	FOBS=	42.5	SIGMA=	9.1	PHAS=	-72.9	FOM=	0.78	TEST=	0
INDE	32	48	32	FOBS=	52.8	SIGMA=	3.1	PHAS=	51.6	FOM=	0.73	TEST=	0
INDE	32	48	34	FOBS=	88.0	SIGMA=	1.9	PHAS=	-48.8	FOM=	0.91	TEST=	0
INDE	32	48	36	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	48	38	FOBS=	45.3	SIGMA=	4.0	PHAS=	-24.5	FOM=	0.77	TEST=	0
INDE	32	48	40	FOBS=	43.7	SIGMA=	4.3	PHAS=	42.1	FOM=	0.56	TEST=	0
INDE	32	48	42	FOBS=	80.9	SIGMA=	2.2	PHAS=	1.3	FOM=	0.88	TEST=	0
INDE	32	48	44	FOBS=	24.5	SIGMA=	7.7	PHAS=	-6.3	FOM=	0.73	TEST=	0
INDE	32	48	46	FOBS=	66.9	SIGMA=	3.1	PHAS=	142.1	FOM=	0.86	TEST=	0
INDE	32	48	48	FOBS=	74.6	SIGMA=	3.0	PHAS=	-147.9	FOM=	0.85	TEST=	0
INDE	32	48	50	FOBS=	83.8	SIGMA=	3.0	PHAS=	-40.0	FOM=	0.78	TEST=	0
INDE	32	48	52	FOBS=	37.9	SIGMA=	6.6	PHAS=	-108.0	FOM=	0.77	TEST=	0
INDE	32	49	33	FOBS=	54.4	SIGMA=	3.0	PHAS=	-88.1	FOM=	0.24	TEST=	1
INDE	32	49	35	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	49	37	FOBS=	88.4	SIGMA=	2.0	PHAS=	-178.6	FOM=	0.88	TEST=	0
INDE	32	49	39	FOBS=	57.6	SIGMA=	3.4	PHAS=	148.9	FOM=	0.56	TEST=	0
INDE	32	49	41	FOBS=	9.7	SIGMA=	19.9	PHAS=	55.6	FOM=	0.12	TEST=	0
INDE	32	49	43	FOBS=	30.0	SIGMA=	7.0	PHAS=	-58.5	FOM=	0.65	TEST=	0
INDE	32	49	45	FOBS=	29.9	SIGMA=	7.7	PHAS=	-176.6	FOM=	0.15	TEST=	0
INDE	32	49	47	FOBS=	91.4	SIGMA=	2.5	PHAS=	86.3	FOM=	0.92	TEST=	0
INDE	32	49	49	FOBS=	56.0	SIGMA=	4.0	PHAS=	-96.7	FOM=	0.84	TEST=	0
INDE	32	49	51	FOBS=	13.6	SIGMA=	19.9	PHAS=	132.8	FOM=	0.26	TEST=	0
INDE	32	50	32	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	50	34	FOBS=	120.9	SIGMA=	1.5	PHAS=	-144.6	FOM=	0.34	TEST=	1
INDE	32	50	36	FOBS=	101.6	SIGMA=	1.8	PHAS=	49.8	FOM=	0.91	TEST=	0
INDE	32	50	38	FOBS=	29.3	SIGMA=	8.1	PHAS=	88.0	FOM=	0.36	TEST=	0
INDE	32	50	40	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	50	42	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	50	44	FOBS=	36.6	SIGMA=	5.9	PHAS=	32.9	FOM=	0.48	TEST=	0
INDE	32	50	46	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	50	48	FOBS=	0.0	SIGMA=	22.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	50	50	FOBS=	16.4	SIGMA=	16.7	PHAS=	13.6	FOM=	0.30	TEST=	0
INDE	32	51	33	FOBS=	74.6	SIGMA=	2.4	PHAS=	-162.8	FOM=	0.85	TEST=	0
INDE	32	51	35	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	51	37	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	51	39	FOBS=	36.1	SIGMA=	6.2	PHAS=	142.4	FOM=	0.43	TEST=	0
INDE	32	51	41	FOBS=	37.8	SIGMA=	5.3	PHAS=	128.3	FOM=	0.49	TEST=	0
INDE	32	51	43	FOBS=	48.9	SIGMA=	4.4	PHAS=	30.9	FOM=	0.85	TEST=	0
INDE	32	51	45	FOBS=	15.5	SIGMA=	15.1	PHAS=	-83.1	FOM=	0.17	TEST=	0
INDE	32	51	47	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	51	49	FOBS=	43.4	SIGMA=	6.4	PHAS=	-48.1	FOM=	0.68	TEST=	0
INDE	32	52	32	FOBS=	39.3	SIGMA=	4.7	PHAS=	-166.2	FOM=	0.11	TEST=	1
INDE	32	52	34	FOBS=	47.0	SIGMA=	3.8	PHAS=	-154.8	FOM=	0.55	TEST=	0
INDE	32	52	36	FOBS=	7.1	SIGMA=	25.4	PHAS=	88.9	FOM=	0.18	TEST=	0
INDE	32	52	38	FOBS=	34.8	SIGMA=	5.8	PHAS=	174.2	FOM=	0.08	TEST=	1
INDE	32	52	40	FOBS=	93.7	SIGMA=	2.7	PHAS=	129.9	FOM=	0.36	TEST=	1
INDE	32	52	42	FOBS=	53.9	SIGMA=	4.0	PHAS=	-5.2	FOM=	0.87	TEST=	0
INDE	32	52	44	FOBS=	60.1	SIGMA=	3.7	PHAS=	-34.6	FOM=	0.78	TEST=	0
INDE	32	52	46	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	52	48	FOBS=	63.8	SIGMA=	3.7	PHAS=	-0.8	FOM=	0.49	TEST=	0
INDE	32	53	33	FOBS=	10.1	SIGMA=	19.3	PHAS=	-112.5	FOM=	0.06	TEST=	0
INDE	32	53	35	FOBS=	65.8	SIGMA=	2.9	PHAS=	69.1	FOM=	0.86	TEST=	0

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INDE	32	53	37	FOBS=	32.5	SIGMA=	6.4	PHAS=	97.2	FOM=	0.31	TEST=	0
INDE	32	53	39	FOBS=	105.7	SIGMA=	2.4	PHAS=	70.0	FOM=	0.95	TEST=	0
INDE	32	53	41	FOBS=	75.6	SIGMA=	3.4	PHAS=	-87.4	FOM=	0.77	TEST=	0
INDE	32	53	43	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	53	45	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	53	47	FOBS=	33.1	SIGMA=	10.0	PHAS=	53.4	FOM=	0.00	TEST=	1
INDE	32	54	32	FOBS=	85.5	SIGMA=	2.2	PHAS=	-54.9	FOM=	0.90	TEST=	0
INDE	32	54	34	FOBS=	19.2	SIGMA=	11.2	PHAS=	-166.0	FOM=	0.44	TEST=	0
INDE	32	54	36	FOBS=	50.0	SIGMA=	4.5	PHAS=	119.5	FOM=	0.73	TEST=	0
INDE	32	54	38	FOBS=	55.2	SIGMA=	4.1	PHAS=	-26.5	FOM=	0.84	TEST=	0
INDE	32	54	40	FOBS=	28.2	SIGMA=	11.7	PHAS=	46.1	FOM=	0.44	TEST=	0
INDE	32	54	42	FOBS=	36.6	SIGMA=	6.9	PHAS=	-5.1	FOM=	0.80	TEST=	0
INDE	32	54	44	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	55	33	FOBS=	79.7	SIGMA=	2.4	PHAS=	-141.0	FOM=	0.81	TEST=	0
INDE	32	55	35	FOBS=	107.1	SIGMA=	2.1	PHAS=	55.4	FOM=	0.94	TEST=	0
INDE	32	55	37	FOBS=	81.1	SIGMA=	2.8	PHAS=	-170.2	FOM=	0.92	TEST=	0
INDE	32	55	39	FOBS=	42.9	SIGMA=	6.4	PHAS=	14.3	FOM=	0.52	TEST=	0
INDE	32	55	41	FOBS=	104.6	SIGMA=	2.5	PHAS=	-92.9	FOM=	0.97	TEST=	0
INDE	32	55	43	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	56	32	FOBS=	27.0	SIGMA=	7.4	PHAS=	103.5	FOM=	0.34	TEST=	0
INDE	32	56	34	FOBS=	39.8	SIGMA=	5.5	PHAS=	53.1	FOM=	0.62	TEST=	0
INDE	32	56	36	FOBS=	64.0	SIGMA=	3.5	PHAS=	118.7	FOM=	0.88	TEST=	0
INDE	32	56	38	FOBS=	80.2	SIGMA=	2.9	PHAS=	27.7	FOM=	0.83	TEST=	0
INDE	32	56	40	FOBS=	82.2	SIGMA=	3.2	PHAS=	121.7	FOM=	0.94	TEST=	0
INDE	32	56	42	FOBS=	0.0	SIGMA=	22.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	57	33	FOBS=	0.0	SIGMA=	22.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	57	35	FOBS=	95.7	SIGMA=	2.4	PHAS=	-21.3	FOM=	0.86	TEST=	0
INDE	32	57	37	FOBS=	15.0	SIGMA=	17.8	PHAS=	-149.3	FOM=	0.34	TEST=	0
INDE	32	57	39	FOBS=	98.6	SIGMA=	2.4	PHAS=	-24.1	FOM=	0.96	TEST=	0
INDE	32	57	41	FOBS=	52.0	SIGMA=	5.1	PHAS=	-71.5	FOM=	0.80	TEST=	0
INDE	32	58	32	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	58	34	FOBS=	15.9	SIGMA=	14.0	PHAS=	129.9	FOM=	0.25	TEST=	0
INDE	32	58	36	FOBS=	46.4	SIGMA=	5.8	PHAS=	137.1	FOM=	0.63	TEST=	0
INDE	32	58	38	FOBS=	27.6	SIGMA=	9.0	PHAS=	-146.4	FOM=	0.27	TEST=	0
INDE	32	58	40	FOBS=	39.8	SIGMA=	7.4	PHAS=	132.7	FOM=	0.39	TEST=	0
INDE	32	59	33	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	59	35	FOBS=	70.6	SIGMA=	3.2	PHAS=	-2.8	FOM=	0.85	TEST=	0
INDE	32	59	37	FOBS=	0.0	SIGMA=	23.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	32	59	39	FOBS=	57.6	SIGMA=	4.2	PHAS=	-64.8	FOM=	0.84	TEST=	0
INDE	32	60	32	FOBS=	56.2	SIGMA=	4.7	PHAS=	141.4	FOM=	0.54	TEST=	0
INDE	32	60	34	FOBS=	60.4	SIGMA=	3.8	PHAS=	-123.8	FOM=	0.54	TEST=	0
INDE	32	60	36	FOBS=	28.2	SIGMA=	9.0	PHAS=	-68.2	FOM=	0.52	TEST=	0
INDE	32	61	33	FOBS=	49.6	SIGMA=	5.0	PHAS=	37.6	FOM=	0.67	TEST=	0
INDE	32	61	35	FOBS=	44.4	SIGMA=	6.2	PHAS=	178.3	FOM=	0.80	TEST=	0
INDE	32	62	32	FOBS=	106.2	SIGMA=	2.6	PHAS=	-42.4	FOM=	0.94	TEST=	0
INDE	32	62	34	FOBS=	39.9	SIGMA=	5.8	PHAS=	27.0	FOM=	0.45	TEST=	0
INDE	33	34	33	FOBS=	17.3	SIGMA=	10.2	PHAS=	168.7	FOM=	0.26	TEST=	0
INDE	33	34	35	FOBS=	49.4	SIGMA=	3.4	PHAS=	73.8	FOM=	0.87	TEST=	0
INDE	33	34	37	FOBS=	95.0	SIGMA=	1.9	PHAS=	1.1	FOM=	0.88	TEST=	0
INDE	33	34	39	FOBS=	93.7	SIGMA=	2.0	PHAS=	128.7	FOM=	0.79	TEST=	0
INDE	33	34	41	FOBS=	48.3	SIGMA=	4.0	PHAS=	107.8	FOM=	0.71	TEST=	0
INDE	33	34	43	FOBS=	78.2	SIGMA=	2.4	PHAS=	17.5	FOM=	0.81	TEST=	0
INDE	33	34	45	FOBS=	88.2	SIGMA=	2.1	PHAS=	143.9	FOM=	0.94	TEST=	0
INDE	33	34	47	FOBS=	55.4	SIGMA=	3.3	PHAS=	131.3	FOM=	0.70	TEST=	0
INDE	33	34	49	FOBS=	131.2	SIGMA=	1.4	PHAS=	-71.3	FOM=	0.92	TEST=	0
INDE	33	34	51	FOBS=	71.6	SIGMA=	2.6	PHAS=	-109.2	FOM=	0.87	TEST=	0
INDE	33	34	53	FOBS=	78.8	SIGMA=	2.5	PHAS=	-16.7	FOM=	0.82	TEST=	0
INDE	33	34	55	FOBS=	41.2	SIGMA=	4.6	PHAS=	110.1	FOM=	0.65	TEST=	0
INDE	33	34	57	FOBS=	57.8	SIGMA=	3.3	PHAS=	173.7	FOM=	0.67	TEST=	0
INDE	33	34	59	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	33	34	61	FOBS=	62.5	SIGMA=	3.7	PHAS=	86.1	FOM=	0.83	TEST=	0
INDE	33	35	34	FOBS=	99.2	SIGMA=	1.7	PHAS=	-114.5	FOM=	0.90	TEST=	0
INDE	33	35	36	FOBS=	71.4	SIGMA=	2.4	PHAS=	-132.9	FOM=	0.92	TEST=	0
INDE	33	35	38	FOBS=	45.5	SIGMA=	4.1	PHAS=	-66.6	FOM=	0.77	TEST=	0
INDE	33	35	40	FOBS=	68.6	SIGMA=	2.7	PHAS=	-13.6	FOM=	0.89	TEST=	0
INDE	33	35	42	FOBS=	41.2	SIGMA=	4.7	PHAS=	-57.5	FOM=	0.64	TEST=	0
INDE	33	35	44	FOBS=	121.8	SIGMA=	1.6	PHAS=	-173.0	FOM=	0.95	TEST=	0
INDE	33	35	46	FOBS=	37.7	SIGMA=	5.1	PHAS=	-10.6	FOM=	0.36	TEST=	0
INDE	33	35	48	FOBS=	43.6	SIGMA=	4.2	PHAS=	89.8	FOM=	0.81	TEST=	0
INDE	33	35	50	FOBS=	157.6	SIGMA=	1.3	PHAS=	156.4	FOM=	0.96	TEST=	0

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INDE	33	35	52	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	35	54	FOBS=	47.1	SIGMA=	4.1	PHAS=	166.7	FOM=	0.80	TEST=	0
INDE	33	35	56	FOBS=	66.3	SIGMA=	2.9	PHAS=	21.5	FOM=	0.77	TEST=	0
INDE	33	35	58	FOBS=	75.3	SIGMA=	2.6	PHAS=	44.5	FOM=	0.84	TEST=	0
INDE	33	35	60	FOBS=	78.2	SIGMA=	3.0	PHAS=	25.9	FOM=	0.89	TEST=	0
INDE	33	36	33	FOBS=	50.7	SIGMA=	3.3	PHAS=	147.8	FOM=	0.76	TEST=	0
INDE	33	36	35	FOBS=	117.8	SIGMA=	1.5	PHAS=	68.2	FOM=	0.87	TEST=	0
INDE	33	36	37	FOBS=	57.2	SIGMA=	3.1	PHAS=	95.1	FOM=	0.62	TEST=	1
INDE	33	36	39	FOBS=	64.4	SIGMA=	2.9	PHAS=	-98.3	FOM=	0.81	TEST=	0
INDE	33	36	41	FOBS=	97.0	SIGMA=	2.0	PHAS=	-154.9	FOM=	0.94	TEST=	0
INDE	33	36	43	FOBS=	59.3	SIGMA=	3.1	PHAS=	65.4	FOM=	0.46	TEST=	0
INDE	33	36	45	FOBS=	155.4	SIGMA=	1.3	PHAS=	119.3	FOM=	0.96	TEST=	0
INDE	33	36	47	FOBS=	76.0	SIGMA=	2.4	PHAS=	82.8	FOM=	0.87	TEST=	0
INDE	33	36	49	FOBS=	106.1	SIGMA=	1.8	PHAS=	-6.4	FOM=	0.87	TEST=	0
INDE	33	36	51	FOBS=	99.5	SIGMA=	1.9	PHAS=	129.1	FOM=	0.95	TEST=	0
INDE	33	36	53	FOBS=	74.5	SIGMA=	2.6	PHAS=	39.0	FOM=	0.92	TEST=	0
INDE	33	36	55	FOBS=	37.6	SIGMA=	5.5	PHAS=	73.9	FOM=	0.60	TEST=	0
INDE	33	36	57	FOBS=	45.1	SIGMA=	4.3	PHAS=	26.2	FOM=	0.59	TEST=	0
INDE	33	36	59	FOBS=	122.5	SIGMA=	1.7	PHAS=	-51.9	FOM=	0.96	TEST=	0
INDE	33	37	34	FOBS=	96.6	SIGMA=	1.8	PHAS=	-11.8	FOM=	0.80	TEST=	0
INDE	33	37	36	FOBS=	136.1	SIGMA=	1.3	PHAS=	-33.0	FOM=	0.93	TEST=	0
INDE	33	37	38	FOBS=	66.8	SIGMA=	2.8	PHAS=	158.9	FOM=	0.72	TEST=	0
INDE	33	37	40	FOBS=	172.6	SIGMA=	1.2	PHAS=	68.2	FOM=	0.96	TEST=	0
INDE	33	37	42	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	37	44	FOBS=	69.5	SIGMA=	2.7	PHAS=	-151.9	FOM=	0.75	TEST=	0
INDE	33	37	46	FOBS=	115.9	SIGMA=	1.6	PHAS=	20.8	FOM=	0.96	TEST=	0
INDE	33	37	48	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	33	37	50	FOBS=	63.1	SIGMA=	2.9	PHAS=	121.0	FOM=	0.79	TEST=	0
INDE	33	37	52	FOBS=	50.6	SIGMA=	3.6	PHAS=	-49.6	FOM=	0.85	TEST=	0
INDE	33	37	54	FOBS=	25.9	SIGMA=	8.4	PHAS=	-61.5	FOM=	0.57	TEST=	0
INDE	33	37	56	FOBS=	51.5	SIGMA=	3.9	PHAS=	0.1	FOM=	0.64	TEST=	0
INDE	33	37	58	FOBS=	49.0	SIGMA=	4.7	PHAS=	-162.5	FOM=	0.08	TEST=	1
INDE	33	38	33	FOBS=	31.7	SIGMA=	5.8	PHAS=	-86.7	FOM=	0.36	TEST=	0
INDE	33	38	35	FOBS=	53.5	SIGMA=	3.1	PHAS=	-108.8	FOM=	0.50	TEST=	0
INDE	33	38	37	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	38	39	FOBS=	130.0	SIGMA=	1.5	PHAS=	-32.8	FOM=	0.95	TEST=	0
INDE	33	38	41	FOBS=	71.6	SIGMA=	2.6	PHAS=	-81.6	FOM=	0.50	TEST=	1
INDE	33	38	43	FOBS=	48.6	SIGMA=	3.8	PHAS=	145.1	FOM=	0.33	TEST=	0
INDE	33	38	45	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	38	47	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	33	38	49	FOBS=	11.7	SIGMA=	17.3	PHAS=	45.0	FOM=	0.24	TEST=	0
INDE	33	38	51	FOBS=	144.4	SIGMA=	1.4	PHAS=	124.4	FOM=	0.97	TEST=	0
INDE	33	38	53	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	38	55	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	38	57	FOBS=	11.1	SIGMA=	18.0	PHAS=	37.5	FOM=	0.32	TEST=	0
INDE	33	38	59	FOBS=	64.5	SIGMA=	3.5	PHAS=	7.9	FOM=	0.67	TEST=	0
INDE	33	39	34	FOBS=	143.6	SIGMA=	1.3	PHAS=	12.1	FOM=	0.93	TEST=	0
INDE	33	39	36	FOBS=	29.5	SIGMA=	5.8	PHAS=	151.6	FOM=	0.18	TEST=	1
INDE	33	39	38	FOBS=	154.8	SIGMA=	1.3	PHAS=	-167.8	FOM=	0.96	TEST=	0
INDE	33	39	40	FOBS=	44.8	SIGMA=	4.2	PHAS=	159.3	FOM=	0.27	TEST=	0
INDE	33	39	42	FOBS=	41.8	SIGMA=	4.7	PHAS=	156.5	FOM=	0.73	TEST=	0
INDE	33	39	44	FOBS=	105.0	SIGMA=	1.8	PHAS=	-155.8	FOM=	0.93	TEST=	0
INDE	33	39	46	FOBS=	46.4	SIGMA=	3.9	PHAS=	-137.4	FOM=	0.48	TEST=	0
INDE	33	39	48	FOBS=	59.9	SIGMA=	3.1	PHAS=	139.5	FOM=	0.81	TEST=	0
INDE	33	39	50	FOBS=	125.2	SIGMA=	1.5	PHAS=	29.0	FOM=	0.94	TEST=	0
INDE	33	39	52	FOBS=	93.9	SIGMA=	2.2	PHAS=	-19.6	FOM=	0.91	TEST=	0
INDE	33	39	54	FOBS=	82.0	SIGMA=	2.5	PHAS=	-56.6	FOM=	0.89	TEST=	0
INDE	33	39	56	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	39	58	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	40	33	FOBS=	146.9	SIGMA=	1.3	PHAS=	-67.5	FOM=	0.95	TEST=	0
INDE	33	40	35	FOBS=	64.5	SIGMA=	2.6	PHAS=	-72.5	FOM=	0.77	TEST=	0
INDE	33	40	37	FOBS=	108.3	SIGMA=	1.6	PHAS=	25.6	FOM=	0.93	TEST=	0
INDE	33	40	39	FOBS=	156.4	SIGMA=	1.3	PHAS=	130.7	FOM=	0.96	TEST=	0
INDE	33	40	41	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	40	43	FOBS=	28.1	SIGMA=	6.8	PHAS=	73.7	FOM=	0.66	TEST=	0
INDE	33	40	45	FOBS=	92.4	SIGMA=	2.0	PHAS=	110.2	FOM=	0.90	TEST=	0
INDE	33	40	47	FOBS=	78.4	SIGMA=	2.4	PHAS=	139.2	FOM=	0.84	TEST=	0
INDE	33	40	49	FOBS=	84.9	SIGMA=	2.3	PHAS=	60.6	FOM=	0.86	TEST=	0
INDE	33	40	51	FOBS=	42.6	SIGMA=	4.3	PHAS=	-48.6	FOM=	0.50	TEST=	0
INDE	33	40	53	FOBS=	83.8	SIGMA=	2.4	PHAS=	139.6	FOM=	0.31	TEST=	1

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INDE	33	40	55	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	40	57	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	41	34	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	41	36	FOBS=	106.7	SIGMA=	1.6	PHAS=	-168.1	FOM=	0.63	TEST=	1
INDE	33	41	38	FOBS=	31.1	SIGMA=	5.9	PHAS=	-170.1	FOM=	0.21	TEST=	0
INDE	33	41	40	FOBS=	110.4	SIGMA=	1.7	PHAS=	-19.9	FOM=	0.90	TEST=	0
INDE	33	41	42	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	41	44	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	41	46	FOBS=	18.9	SIGMA=	9.7	PHAS=	33.7	FOM=	0.64	TEST=	0
INDE	33	41	48	FOBS=	143.4	SIGMA=	1.4	PHAS=	19.2	FOM=	0.94	TEST=	0
INDE	33	41	50	FOBS=	30.2	SIGMA=	6.9	PHAS=	-36.3	FOM=	0.49	TEST=	0
INDE	33	41	52	FOBS=	66.4	SIGMA=	3.1	PHAS=	7.5	FOM=	0.65	TEST=	0
INDE	33	41	54	FOBS=	54.9	SIGMA=	3.7	PHAS=	-60.5	FOM=	0.76	TEST=	0
INDE	33	41	56	FOBS=	58.0	SIGMA=	3.6	PHAS=	-84.7	FOM=	0.24	TEST=	0
INDE	33	42	33	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	42	35	FOBS=	140.2	SIGMA=	1.4	PHAS=	63.7	FOM=	0.94	TEST=	0
INDE	33	42	37	FOBS=	93.9	SIGMA=	1.8	PHAS=	24.5	FOM=	0.79	TEST=	0
INDE	33	42	39	FOBS=	169.3	SIGMA=	1.2	PHAS=	159.0	FOM=	0.97	TEST=	0
INDE	33	42	41	FOBS=	18.3	SIGMA=	10.8	PHAS=	146.0	FOM=	0.25	TEST=	0
INDE	33	42	43	FOBS=	72.7	SIGMA=	2.6	PHAS=	1.1	FOM=	0.87	TEST=	0
INDE	33	42	45	FOBS=	76.6	SIGMA=	2.5	PHAS=	136.3	FOM=	0.87	TEST=	0
INDE	33	42	47	FOBS=	4.3	SIGMA=	42.9	PHAS=	-15.7	FOM=	0.15	TEST=	0
INDE	33	42	49	FOBS=	40.0	SIGMA=	4.7	PHAS=	-143.8	FOM=	0.33	TEST=	0
INDE	33	42	51	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	42	53	FOBS=	44.7	SIGMA=	4.5	PHAS=	-164.0	FOM=	0.69	TEST=	0
INDE	33	42	55	FOBS=	27.0	SIGMA=	7.6	PHAS=	-112.1	FOM=	0.28	TEST=	0
INDE	33	43	34	FOBS=	112.8	SIGMA=	1.7	PHAS=	-71.6	FOM=	0.95	TEST=	0
INDE	33	43	36	FOBS=	28.9	SIGMA=	6.2	PHAS=	8.3	FOM=	0.54	TEST=	0
INDE	33	43	38	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	43	40	FOBS=	124.9	SIGMA=	1.5	PHAS=	41.2	FOM=	0.95	TEST=	0
INDE	33	43	42	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	43	44	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	43	46	FOBS=	22.9	SIGMA=	9.1	PHAS=	49.3	FOM=	0.35	TEST=	0
INDE	33	43	48	FOBS=	47.8	SIGMA=	4.1	PHAS=	-1.2	FOM=	0.76	TEST=	0
INDE	33	43	50	FOBS=	57.2	SIGMA=	3.3	PHAS=	-139.5	FOM=	0.91	TEST=	0
INDE	33	43	52	FOBS=	53.2	SIGMA=	3.8	PHAS=	-48.1	FOM=	0.60	TEST=	0
INDE	33	43	54	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	44	33	FOBS=	106.5	SIGMA=	1.8	PHAS=	-176.6	FOM=	0.89	TEST=	0
INDE	33	44	35	FOBS=	31.8	SIGMA=	5.7	PHAS=	154.2	FOM=	0.24	TEST=	0
INDE	33	44	37	FOBS=	47.5	SIGMA=	3.6	PHAS=	-98.7	FOM=	0.83	TEST=	0
INDE	33	44	39	FOBS=	84.4	SIGMA=	2.2	PHAS=	159.3	FOM=	0.70	TEST=	0
INDE	33	44	41	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	44	43	FOBS=	124.8	SIGMA=	1.6	PHAS=	-9.9	FOM=	0.93	TEST=	0
INDE	33	44	45	FOBS=	47.2	SIGMA=	4.0	PHAS=	-127.5	FOM=	0.67	TEST=	0
INDE	33	44	47	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	44	49	FOBS=	35.2	SIGMA=	6.7	PHAS=	73.0	FOM=	0.17	TEST=	0
INDE	33	44	51	FOBS=	82.3	SIGMA=	2.5	PHAS=	-173.2	FOM=	0.40	TEST=	1
INDE	33	44	53	FOBS=	19.2	SIGMA=	10.7	PHAS=	-53.3	FOM=	0.54	TEST=	0
INDE	33	45	34	FOBS=	67.8	SIGMA=	2.7	PHAS=	24.2	FOM=	0.65	TEST=	0
INDE	33	45	36	FOBS=	60.8	SIGMA=	3.0	PHAS=	176.5	FOM=	0.81	TEST=	0
INDE	33	45	38	FOBS=	127.3	SIGMA=	1.4	PHAS=	-86.3	FOM=	0.92	TEST=	0
INDE	33	45	40	FOBS=	15.6	SIGMA=	12.9	PHAS=	-109.3	FOM=	0.01	TEST=	1
INDE	33	45	42	FOBS=	45.2	SIGMA=	4.1	PHAS=	-168.1	FOM=	0.25	TEST=	1
INDE	33	45	44	FOBS=	154.9	SIGMA=	1.3	PHAS=	-168.9	FOM=	0.86	TEST=	0
INDE	33	45	46	FOBS=	53.0	SIGMA=	3.6	PHAS=	68.1	FOM=	0.62	TEST=	0
INDE	33	45	48	FOBS=	32.2	SIGMA=	6.7	PHAS=	-173.4	FOM=	0.65	TEST=	0
INDE	33	45	50	FOBS=	52.5	SIGMA=	3.7	PHAS=	149.6	FOM=	0.90	TEST=	0
INDE	33	45	52	FOBS=	8.0	SIGMA=	29.2	PHAS=	-54.2	FOM=	0.16	TEST=	0
INDE	33	45	54	FOBS=	44.6	SIGMA=	5.5	PHAS=	-111.3	FOM=	0.61	TEST=	0
INDE	33	46	33	FOBS=	54.0	SIGMA=	3.5	PHAS=	-46.9	FOM=	0.82	TEST=	0
INDE	33	46	35	FOBS=	36.2	SIGMA=	5.3	PHAS=	-170.5	FOM=	0.32	TEST=	0
INDE	33	46	37	FOBS=	85.3	SIGMA=	2.2	PHAS=	150.1	FOM=	0.87	TEST=	0
INDE	33	46	39	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	46	41	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	46	43	FOBS=	89.7	SIGMA=	2.1	PHAS=	1.9	FOM=	0.94	TEST=	0
INDE	33	46	45	FOBS=	62.6	SIGMA=	3.0	PHAS=	-49.3	FOM=	0.86	TEST=	0
INDE	33	46	47	FOBS=	62.1	SIGMA=	3.1	PHAS=	105.2	FOM=	0.79	TEST=	0
INDE	33	46	49	FOBS=	96.4	SIGMA=	2.1	PHAS=	79.3	FOM=	0.95	TEST=	0
INDE	33	46	51	FOBS=	47.6	SIGMA=	4.7	PHAS=	-120.5	FOM=	0.75	TEST=	0
INDE	33	46	53	FOBS=	32.0	SIGMA=	8.4	PHAS=	75.8	FOM=	0.30	TEST=	0

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INDE	33	47	34	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	47	36	FOBS=	63.6	SIGMA=	2.6	PHAS=	-173.2	FOM=	0.89	TEST=	0
INDE	33	47	38	FOBS=	10.7	SIGMA=	17.5	PHAS=	114.6	FOM=	0.08	TEST=	0
INDE	33	47	40	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	47	42	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	47	44	FOBS=	84.0	SIGMA=	2.3	PHAS=	-78.5	FOM=	0.81	TEST=	0
INDE	33	47	46	FOBS=	32.7	SIGMA=	5.8	PHAS=	73.4	FOM=	0.42	TEST=	0
INDE	33	47	48	FOBS=	61.2	SIGMA=	3.2	PHAS=	14.6	FOM=	0.89	TEST=	0
INDE	33	47	50	FOBS=	66.7	SIGMA=	3.7	PHAS=	134.9	FOM=	0.09	TEST=	0
INDE	33	47	52	FOBS=	36.7	SIGMA=	6.7	PHAS=	-60.7	FOM=	0.14	TEST=	0
INDE	33	48	33	FOBS=	49.7	SIGMA=	3.3	PHAS=	-7.5	FOM=	0.76	TEST=	0
INDE	33	48	35	FOBS=	46.8	SIGMA=	3.7	PHAS=	-86.6	FOM=	0.28	TEST=	0
INDE	33	48	37	FOBS=	58.6	SIGMA=	3.0	PHAS=	58.5	FOM=	0.86	TEST=	0
INDE	33	48	39	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	48	41	FOBS=	0.0	SIGMA=	18.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	48	43	FOBS=	67.6	SIGMA=	2.8	PHAS=	-67.3	FOM=	0.21	TEST=	0
INDE	33	48	45	FOBS=	60.6	SIGMA=	3.2	PHAS=	-127.8	FOM=	0.75	TEST=	0
INDE	33	48	47	FOBS=	49.1	SIGMA=	4.0	PHAS=	158.2	FOM=	0.11	TEST=	0
INDE	33	48	49	FOBS=	83.3	SIGMA=	2.8	PHAS=	173.1	FOM=	0.88	TEST=	0
INDE	33	48	51	FOBS=	45.4	SIGMA=	5.9	PHAS=	-72.9	FOM=	0.71	TEST=	0
INDE	33	49	34	FOBS=	143.3	SIGMA=	1.3	PHAS=	-163.7	FOM=	0.93	TEST=	0
INDE	33	49	36	FOBS=	88.1	SIGMA=	2.0	PHAS=	-124.6	FOM=	0.56	TEST=	1
INDE	33	49	38	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	33	49	40	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	49	42	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	49	44	FOBS=	40.7	SIGMA=	4.7	PHAS=	-95.1	FOM=	0.75	TEST=	0
INDE	33	49	46	FOBS=	45.0	SIGMA=	4.3	PHAS=	85.5	FOM=	0.82	TEST=	0
INDE	33	49	48	FOBS=	39.8	SIGMA=	5.7	PHAS=	53.0	FOM=	0.80	TEST=	0
INDE	33	49	50	FOBS=	43.9	SIGMA=	5.8	PHAS=	137.4	FOM=	0.12	TEST=	1
INDE	33	50	33	FOBS=	75.0	SIGMA=	2.4	PHAS=	80.9	FOM=	0.90	TEST=	0
INDE	33	50	35	FOBS=	158.7	SIGMA=	1.2	PHAS=	135.3	FOM=	0.96	TEST=	0
INDE	33	50	37	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	33	50	39	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	50	41	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	50	43	FOBS=	51.4	SIGMA=	3.7	PHAS=	-123.3	FOM=	0.71	TEST=	0
INDE	33	50	45	FOBS=	42.7	SIGMA=	5.2	PHAS=	-51.2	FOM=	0.55	TEST=	0
INDE	33	50	47	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	50	49	FOBS=	51.9	SIGMA=	4.9	PHAS=	142.3	FOM=	0.29	TEST=	0
INDE	33	51	34	FOBS=	85.0	SIGMA=	2.2	PHAS=	61.9	FOM=	0.87	TEST=	0
INDE	33	51	36	FOBS=	67.9	SIGMA=	2.7	PHAS=	-72.5	FOM=	0.33	TEST=	0
INDE	33	51	38	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	51	40	FOBS=	28.3	SIGMA=	7.9	PHAS=	-76.0	FOM=	0.17	TEST=	0
INDE	33	51	42	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	51	44	FOBS=	68.1	SIGMA=	3.3	PHAS=	-107.4	FOM=	0.85	TEST=	0
INDE	33	51	46	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	51	48	FOBS=	29.5	SIGMA=	7.8	PHAS=	6.3	FOM=	0.45	TEST=	0
INDE	33	52	33	FOBS=	17.8	SIGMA=	10.0	PHAS=	105.5	FOM=	0.21	TEST=	0
INDE	33	52	35	FOBS=	34.2	SIGMA=	5.6	PHAS=	29.7	FOM=	0.44	TEST=	0
INDE	33	52	37	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	52	39	FOBS=	20.4	SIGMA=	10.1	PHAS=	-94.8	FOM=	0.63	TEST=	0
INDE	33	52	41	FOBS=	31.6	SIGMA=	8.6	PHAS=	48.1	FOM=	0.09	TEST=	1
INDE	33	52	43	FOBS=	48.3	SIGMA=	4.5	PHAS=	-83.8	FOM=	0.66	TEST=	0
INDE	33	52	45	FOBS=	0.0	SIGMA=	23.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	52	47	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	53	34	FOBS=	18.3	SIGMA=	12.9	PHAS=	-120.6	FOM=	0.31	TEST=	0
INDE	33	53	36	FOBS=	45.5	SIGMA=	4.0	PHAS=	17.8	FOM=	0.54	TEST=	0
INDE	33	53	38	FOBS=	88.4	SIGMA=	2.2	PHAS=	129.3	FOM=	0.89	TEST=	0
INDE	33	53	40	FOBS=	36.9	SIGMA=	6.2	PHAS=	-50.5	FOM=	0.56	TEST=	0
INDE	33	53	42	FOBS=	43.4	SIGMA=	5.4	PHAS=	-147.6	FOM=	0.62	TEST=	0
INDE	33	53	44	FOBS=	0.0	SIGMA=	22.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	53	46	FOBS=	0.0	SIGMA=	23.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	54	33	FOBS=	117.8	SIGMA=	1.7	PHAS=	-165.8	FOM=	0.95	TEST=	0
INDE	33	54	35	FOBS=	22.4	SIGMA=	9.2	PHAS=	146.2	FOM=	0.03	TEST=	0
INDE	33	54	37	FOBS=	67.8	SIGMA=	2.9	PHAS=	26.1	FOM=	0.90	TEST=	0
INDE	33	54	39	FOBS=	51.2	SIGMA=	4.5	PHAS=	-87.5	FOM=	0.49	TEST=	0
INDE	33	54	41	FOBS=	39.4	SIGMA=	6.5	PHAS=	147.1	FOM=	0.87	TEST=	0
INDE	33	54	43	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	54	45	FOBS=	33.8	SIGMA=	6.9	PHAS=	-155.9	FOM=	0.42	TEST=	0
INDE	33	55	34	FOBS=	100.3	SIGMA=	2.0	PHAS=	101.7	FOM=	0.90	TEST=	0
INDE	33	55	36	FOBS=	82.9	SIGMA=	2.4	PHAS=	-64.3	FOM=	0.30	TEST=	1

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INDE	33	55	38	FOBS=	27.2	SIGMA=	8.5	PHAS=	-144.1	FOM=	0.06	TEST=	0
INDE	33	55	40	FOBS=	84.9	SIGMA=	2.8	PHAS=	-2.0	FOM=	0.94	TEST=	0
INDE	33	55	42	FOBS=	59.0	SIGMA=	4.4	PHAS=	-138.0	FOM=	0.77	TEST=	0
INDE	33	56	33	FOBS=	50.6	SIGMA=	3.7	PHAS=	30.0	FOM=	0.80	TEST=	0
INDE	33	56	35	FOBS=	54.7	SIGMA=	3.8	PHAS=	-133.5	FOM=	0.76	TEST=	0
INDE	33	56	37	FOBS=	15.4	SIGMA=	20.1	PHAS=	111.7	FOM=	0.19	TEST=	0
INDE	33	56	39	FOBS=	144.9	SIGMA=	1.7	PHAS=	-128.9	FOM=	0.97	TEST=	0
INDE	33	56	41	FOBS=	42.7	SIGMA=	6.1	PHAS=	154.2	FOM=	0.65	TEST=	0
INDE	33	57	34	FOBS=	63.3	SIGMA=	3.5	PHAS=	12.4	FOM=	0.85	TEST=	0
INDE	33	57	36	FOBS=	21.8	SIGMA=	10.4	PHAS=	-152.1	FOM=	0.00	TEST=	1
INDE	33	57	38	FOBS=	57.6	SIGMA=	4.1	PHAS=	80.4	FOM=	0.89	TEST=	0
INDE	33	57	40	FOBS=	35.0	SIGMA=	7.4	PHAS=	-12.4	FOM=	0.53	TEST=	0
INDE	33	58	33	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	58	35	FOBS=	37.9	SIGMA=	6.9	PHAS=	-90.4	FOM=	0.58	TEST=	0
INDE	33	58	37	FOBS=	0.0	SIGMA=	23.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	58	39	FOBS=	85.0	SIGMA=	2.9	PHAS=	-123.1	FOM=	0.84	TEST=	0
INDE	33	59	34	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	33	59	36	FOBS=	14.4	SIGMA=	15.8	PHAS=	-126.6	FOM=	0.21	TEST=	0
INDE	33	59	38	FOBS=	18.1	SIGMA=	14.1	PHAS=	103.0	FOM=	0.40	TEST=	0
INDE	33	60	33	FOBS=	2.9	SIGMA=	77.4	PHAS=	-135.9	FOM=	0.04	TEST=	0
INDE	33	60	35	FOBS=	65.7	SIGMA=	3.5	PHAS=	114.7	FOM=	0.30	TEST=	0
INDE	33	61	34	FOBS=	38.1	SIGMA=	6.1	PHAS=	-115.8	FOM=	0.29	TEST=	0
INDE	33	62	33	FOBS=	23.7	SIGMA=	11.6	PHAS=	-179.6	FOM=	0.42	TEST=	0
INDE	34	34	34	FOBS=	194.3	SIGMA=	1.6	PHAS=	120.5	FOM=	0.98	TEST=	0
INDE	34	35	35	FOBS=	49.4	SIGMA=	3.4	PHAS=	-144.5	FOM=	0.33	TEST=	0
INDE	34	35	37	FOBS=	50.1	SIGMA=	3.6	PHAS=	24.7	FOM=	0.90	TEST=	0
INDE	34	35	39	FOBS=	43.0	SIGMA=	4.1	PHAS=	-13.5	FOM=	0.39	TEST=	0
INDE	34	35	41	FOBS=	51.9	SIGMA=	3.6	PHAS=	101.4	FOM=	0.68	TEST=	0
INDE	34	35	43	FOBS=	47.1	SIGMA=	3.9	PHAS=	-143.1	FOM=	0.18	TEST=	0
INDE	34	35	45	FOBS=	159.2	SIGMA=	1.2	PHAS=	66.1	FOM=	0.83	TEST=	1
INDE	34	35	47	FOBS=	15.7	SIGMA=	13.0	PHAS=	-87.7	FOM=	0.16	TEST=	0
INDE	34	35	49	FOBS=	81.9	SIGMA=	2.3	PHAS=	13.2	FOM=	0.12	TEST=	1
INDE	34	35	51	FOBS=	111.9	SIGMA=	1.7	PHAS=	63.9	FOM=	0.94	TEST=	0
INDE	34	35	53	FOBS=	89.6	SIGMA=	2.2	PHAS=	-69.8	FOM=	0.78	TEST=	1
INDE	34	35	55	FOBS=	17.1	SIGMA=	11.8	PHAS=	-7.6	FOM=	0.32	TEST=	0
INDE	34	35	57	FOBS=	27.2	SIGMA=	8.1	PHAS=	-169.6	FOM=	0.23	TEST=	0
INDE	34	35	59	FOBS=	19.7	SIGMA=	11.6	PHAS=	-113.9	FOM=	0.22	TEST=	0
INDE	34	36	34	FOBS=	115.9	SIGMA=	1.5	PHAS=	92.1	FOM=	0.89	TEST=	0
INDE	34	36	36	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	36	38	FOBS=	80.2	SIGMA=	2.1	PHAS=	-77.9	FOM=	0.73	TEST=	0
INDE	34	36	40	FOBS=	94.1	SIGMA=	2.0	PHAS=	-31.3	FOM=	0.51	TEST=	1
INDE	34	36	42	FOBS=	46.5	SIGMA=	4.4	PHAS=	36.5	FOM=	0.67	TEST=	0
INDE	34	36	44	FOBS=	52.4	SIGMA=	3.5	PHAS=	80.5	FOM=	0.26	TEST=	0
INDE	34	36	46	FOBS=	35.8	SIGMA=	5.4	PHAS=	-68.3	FOM=	0.46	TEST=	0
INDE	34	36	48	FOBS=	95.7	SIGMA=	2.0	PHAS=	28.7	FOM=	0.91	TEST=	0
INDE	34	36	50	FOBS=	104.5	SIGMA=	1.8	PHAS=	177.4	FOM=	0.17	TEST=	1
INDE	34	36	52	FOBS=	42.1	SIGMA=	4.6	PHAS=	128.8	FOM=	0.66	TEST=	0
INDE	34	36	54	FOBS=	59.5	SIGMA=	3.3	PHAS=	-141.1	FOM=	0.74	TEST=	0
INDE	34	36	56	FOBS=	35.3	SIGMA=	6.8	PHAS=	-176.8	FOM=	0.05	TEST=	1
INDE	34	36	58	FOBS=	78.4	SIGMA=	2.6	PHAS=	9.2	FOM=	0.94	TEST=	0
INDE	34	37	35	FOBS=	131.4	SIGMA=	1.3	PHAS=	-15.2	FOM=	0.94	TEST=	0
INDE	34	37	37	FOBS=	82.3	SIGMA=	2.1	PHAS=	-138.7	FOM=	0.85	TEST=	0
INDE	34	37	39	FOBS=	79.7	SIGMA=	2.3	PHAS=	152.4	FOM=	0.88	TEST=	0
INDE	34	37	41	FOBS=	14.7	SIGMA=	14.1	PHAS=	-101.0	FOM=	0.13	TEST=	0
INDE	34	37	43	FOBS=	46.5	SIGMA=	4.2	PHAS=	-52.3	FOM=	0.63	TEST=	0
INDE	34	37	45	FOBS=	142.7	SIGMA=	1.4	PHAS=	96.4	FOM=	0.96	TEST=	0
INDE	34	37	47	FOBS=	27.0	SIGMA=	6.8	PHAS=	56.3	FOM=	0.61	TEST=	0
INDE	34	37	49	FOBS=	18.4	SIGMA=	12.0	PHAS=	33.6	FOM=	0.29	TEST=	0
INDE	34	37	51	FOBS=	137.1	SIGMA=	1.4	PHAS=	28.4	FOM=	0.97	TEST=	0
INDE	34	37	53	FOBS=	46.9	SIGMA=	4.2	PHAS=	35.0	FOM=	0.16	TEST=	1
INDE	34	37	55	FOBS=	22.8	SIGMA=	8.6	PHAS=	-78.6	FOM=	0.22	TEST=	0
INDE	34	37	57	FOBS=	73.8	SIGMA=	2.7	PHAS=	-66.5	FOM=	0.85	TEST=	0
INDE	34	37	59	FOBS=	55.8	SIGMA=	3.7	PHAS=	-78.5	FOM=	0.86	TEST=	0
INDE	34	38	34	FOBS=	125.4	SIGMA=	1.4	PHAS=	-103.8	FOM=	0.93	TEST=	0
INDE	34	38	36	FOBS=	26.6	SIGMA=	6.5	PHAS=	-111.6	FOM=	0.49	TEST=	0
INDE	34	38	38	FOBS=	155.4	SIGMA=	1.2	PHAS=	81.7	FOM=	0.57	TEST=	1
INDE	34	38	40	FOBS=	57.4	SIGMA=	3.3	PHAS=	-115.8	FOM=	0.33	TEST=	0
INDE	34	38	42	FOBS=	73.1	SIGMA=	2.6	PHAS=	98.4	FOM=	0.07	TEST=	1
INDE	34	38	44	FOBS=	122.3	SIGMA=	1.6	PHAS=	46.1	FOM=	0.94	TEST=	0
INDE	34	38	46	FOBS=	66.1	SIGMA=	2.8	PHAS=	-12.6	FOM=	0.81	TEST=	0

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INDE	34	38	48	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	38	50	FOBS=	118.7	SIGMA=	1.6	PHAS=	-97.3	FOM=	0.96	TEST=	0
INDE	34	38	52	FOBS=	63.1	SIGMA=	3.2	PHAS=	-33.4	FOM=	0.61	TEST=	0
INDE	34	38	54	FOBS=	45.0	SIGMA=	4.4	PHAS=	-98.8	FOM=	0.77	TEST=	0
INDE	34	38	56	FOBS=	54.4	SIGMA=	3.7	PHAS=	-174.1	FOM=	0.78	TEST=	0
INDE	34	38	58	FOBS=	8.7	SIGMA=	23.5	PHAS=	-135.9	FOM=	0.09	TEST=	0
INDE	34	39	35	FOBS=	40.7	SIGMA=	4.3	PHAS=	162.7	FOM=	0.29	TEST=	1
INDE	34	39	37	FOBS=	54.7	SIGMA=	3.1	PHAS=	-55.1	FOM=	0.78	TEST=	0
INDE	34	39	39	FOBS=	63.6	SIGMA=	2.8	PHAS=	81.3	FOM=	0.75	TEST=	0
INDE	34	39	41	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	39	43	FOBS=	70.8	SIGMA=	2.6	PHAS=	-44.3	FOM=	0.78	TEST=	0
INDE	34	39	45	FOBS=	91.5	SIGMA=	2.1	PHAS=	-10.2	FOM=	0.47	TEST=	1
INDE	34	39	47	FOBS=	46.3	SIGMA=	4.0	PHAS=	158.9	FOM=	0.74	TEST=	0
INDE	34	39	49	FOBS=	48.0	SIGMA=	4.0	PHAS=	98.2	FOM=	0.80	TEST=	0
INDE	34	39	51	FOBS=	72.9	SIGMA=	2.6	PHAS=	114.2	FOM=	0.43	TEST=	0
INDE	34	39	53	FOBS=	27.5	SIGMA=	7.3	PHAS=	-32.3	FOM=	0.11	TEST=	0
INDE	34	39	55	FOBS=	54.0	SIGMA=	3.8	PHAS=	-153.3	FOM=	0.81	TEST=	0
INDE	34	39	57	FOBS=	18.6	SIGMA=	12.6	PHAS=	-88.6	FOM=	0.26	TEST=	0
INDE	34	40	34	FOBS=	54.5	SIGMA=	3.4	PHAS=	2.4	FOM=	0.66	TEST=	0
INDE	34	40	36	FOBS=	65.0	SIGMA=	2.6	PHAS=	65.8	FOM=	0.80	TEST=	0
INDE	34	40	38	FOBS=	32.5	SIGMA=	6.3	PHAS=	-165.6	FOM=	0.71	TEST=	0
INDE	34	40	40	FOBS=	77.0	SIGMA=	2.4	PHAS=	21.9	FOM=	0.81	TEST=	0
INDE	34	40	42	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	40	44	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	40	46	FOBS=	31.8	SIGMA=	6.1	PHAS=	-106.5	FOM=	0.47	TEST=	0
INDE	34	40	48	FOBS=	108.5	SIGMA=	1.8	PHAS=	32.1	FOM=	0.21	TEST=	1
INDE	34	40	50	FOBS=	115.0	SIGMA=	1.7	PHAS=	11.9	FOM=	0.17	TEST=	1
INDE	34	40	52	FOBS=	62.4	SIGMA=	3.2	PHAS=	-150.2	FOM=	0.40	TEST=	0
INDE	34	40	54	FOBS=	18.2	SIGMA=	11.9	PHAS=	-154.6	FOM=	0.29	TEST=	0
INDE	34	40	56	FOBS=	78.4	SIGMA=	2.7	PHAS=	-143.4	FOM=	0.93	TEST=	0
INDE	34	41	35	FOBS=	133.2	SIGMA=	1.4	PHAS=	-67.5	FOM=	0.91	TEST=	0
INDE	34	41	37	FOBS=	49.4	SIGMA=	3.4	PHAS=	24.2	FOM=	0.61	TEST=	0
INDE	34	41	39	FOBS=	140.6	SIGMA=	1.3	PHAS=	104.1	FOM=	0.94	TEST=	0
INDE	34	41	41	FOBS=	49.0	SIGMA=	3.8	PHAS=	-171.5	FOM=	0.78	TEST=	0
INDE	34	41	43	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	41	45	FOBS=	61.1	SIGMA=	3.1	PHAS=	52.9	FOM=	0.81	TEST=	0
INDE	34	41	47	FOBS=	61.2	SIGMA=	3.2	PHAS=	76.3	FOM=	0.70	TEST=	0
INDE	34	41	49	FOBS=	147.9	SIGMA=	1.4	PHAS=	-22.2	FOM=	0.97	TEST=	0
INDE	34	41	51	FOBS=	30.2	SIGMA=	6.6	PHAS=	120.0	FOM=	0.02	TEST=	1
INDE	34	41	53	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	41	55	FOBS=	59.8	SIGMA=	3.5	PHAS=	166.8	FOM=	0.84	TEST=	0
INDE	34	42	34	FOBS=	121.7	SIGMA=	1.6	PHAS=	163.7	FOM=	0.95	TEST=	0
INDE	34	42	36	FOBS=	48.8	SIGMA=	3.5	PHAS=	68.3	FOM=	0.59	TEST=	0
INDE	34	42	38	FOBS=	98.0	SIGMA=	1.7	PHAS=	-157.0	FOM=	0.85	TEST=	0
INDE	34	42	40	FOBS=	130.3	SIGMA=	1.5	PHAS=	82.5	FOM=	0.95	TEST=	0
INDE	34	42	42	FOBS=	89.9	SIGMA=	2.1	PHAS=	43.2	FOM=	0.93	TEST=	0
INDE	34	42	44	FOBS=	75.0	SIGMA=	2.5	PHAS=	-104.1	FOM=	0.92	TEST=	0
INDE	34	42	46	FOBS=	32.7	SIGMA=	5.7	PHAS=	-17.1	FOM=	0.65	TEST=	0
INDE	34	42	48	FOBS=	107.2	SIGMA=	1.8	PHAS=	-102.2	FOM=	0.96	TEST=	0
INDE	34	42	50	FOBS=	36.2	SIGMA=	6.4	PHAS=	-115.6	FOM=	0.72	TEST=	0
INDE	34	42	52	FOBS=	32.1	SIGMA=	7.0	PHAS=	-85.5	FOM=	0.55	TEST=	0
INDE	34	42	54	FOBS=	57.4	SIGMA=	4.2	PHAS=	92.6	FOM=	0.07	TEST=	0
INDE	34	43	35	FOBS=	45.7	SIGMA=	4.2	PHAS=	74.8	FOM=	0.20	TEST=	0
INDE	34	43	37	FOBS=	66.3	SIGMA=	2.5	PHAS=	22.8	FOM=	0.47	TEST=	0
INDE	34	43	39	FOBS=	117.6	SIGMA=	1.5	PHAS=	113.4	FOM=	0.93	TEST=	0
INDE	34	43	41	FOBS=	89.5	SIGMA=	2.1	PHAS=	-44.8	FOM=	0.92	TEST=	0
INDE	34	43	43	FOBS=	67.9	SIGMA=	2.8	PHAS=	-71.4	FOM=	0.87	TEST=	0
INDE	34	43	45	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	43	47	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	43	49	FOBS=	7.9	SIGMA=	25.3	PHAS=	-47.7	FOM=	0.10	TEST=	0
INDE	34	43	51	FOBS=	67.8	SIGMA=	3.0	PHAS=	146.3	FOM=	0.87	TEST=	0
INDE	34	43	53	FOBS=	30.6	SIGMA=	7.8	PHAS=	-125.1	FOM=	0.55	TEST=	0
INDE	34	43	55	FOBS=	50.7	SIGMA=	4.2	PHAS=	-47.3	FOM=	0.59	TEST=	0
INDE	34	44	34	FOBS=	83.3	SIGMA=	2.2	PHAS=	-177.9	FOM=	0.87	TEST=	0
INDE	34	44	36	FOBS=	50.5	SIGMA=	3.8	PHAS=	82.7	FOM=	0.55	TEST=	0
INDE	34	44	38	FOBS=	66.8	SIGMA=	2.5	PHAS=	177.6	FOM=	0.61	TEST=	0
INDE	34	44	40	FOBS=	44.2	SIGMA=	3.9	PHAS=	50.2	FOM=	0.74	TEST=	0
INDE	34	44	42	FOBS=	49.1	SIGMA=	3.8	PHAS=	81.6	FOM=	0.75	TEST=	0
INDE	34	44	44	FOBS=	150.7	SIGMA=	1.3	PHAS=	-115.5	FOM=	0.96	TEST=	0
INDE	34	44	46	FOBS=	34.8	SIGMA=	5.5	PHAS=	-75.8	FOM=	0.36	TEST=	0

INDE	34	44	48	FOBS=	51.1	SIGMA=	3.9	PHAS=	-99.6	FOM=	0.79	TEST=	0
INDE	34	44	50	FOBS=	31.7	SIGMA=	6.3	PHAS=	-35.5	FOM=	0.20	TEST=	1
INDE	34	44	52	FOBS=	45.2	SIGMA=	4.6	PHAS=	94.7	FOM=	0.69	TEST=	0
INDE	34	44	54	FOBS=	37.5	SIGMA=	5.7	PHAS=	-165.2	FOM=	0.70	TEST=	0
INDE	34	45	35	FOBS=	22.3	SIGMA=	8.6	PHAS=	-0.5	FOM=	0.28	TEST=	0
INDE	34	45	37	FOBS=	41.5	SIGMA=	4.4	PHAS=	20.5	FOM=	0.83	TEST=	0
INDE	34	45	39	FOBS=	65.3	SIGMA=	2.6	PHAS=	-126.0	FOM=	0.67	TEST=	0
INDE	34	45	41	FOBS=	78.3	SIGMA=	2.4	PHAS=	-10.0	FOM=	0.80	TEST=	0
INDE	34	45	43	FOBS=	24.3	SIGMA=	8.1	PHAS=	-166.0	FOM=	0.61	TEST=	0
INDE	34	45	45	FOBS=	104.8	SIGMA=	1.9	PHAS=	162.3	FOM=	0.89	TEST=	0
INDE	34	45	47	FOBS=	16.0	SIGMA=	12.5	PHAS=	62.1	FOM=	0.04	TEST=	0
INDE	34	45	49	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	45	51	FOBS=	47.3	SIGMA=	4.4	PHAS=	47.6	FOM=	0.68	TEST=	0
INDE	34	45	53	FOBS=	50.1	SIGMA=	4.2	PHAS=	-54.6	FOM=	0.72	TEST=	0
INDE	34	46	34	FOBS=	33.7	SIGMA=	5.6	PHAS=	25.6	FOM=	0.60	TEST=	0
INDE	34	46	36	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	46	38	FOBS=	29.4	SIGMA=	5.8	PHAS=	141.0	FOM=	0.75	TEST=	0
INDE	34	46	40	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	34	46	42	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	34	46	44	FOBS=	62.4	SIGMA=	3.1	PHAS=	27.1	FOM=	0.81	TEST=	0
INDE	34	46	46	FOBS=	23.4	SIGMA=	9.1	PHAS=	-165.6	FOM=	0.40	TEST=	0
INDE	34	46	48	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	46	50	FOBS=	89.6	SIGMA=	2.4	PHAS=	0.1	FOM=	0.90	TEST=	0
INDE	34	46	52	FOBS=	60.1	SIGMA=	3.6	PHAS=	-178.0	FOM=	0.78	TEST=	0
INDE	34	47	35	FOBS=	18.2	SIGMA=	11.9	PHAS=	2.5	FOM=	0.11	TEST=	0
INDE	34	47	37	FOBS=	46.8	SIGMA=	3.9	PHAS=	53.0	FOM=	0.60	TEST=	0
INDE	34	47	39	FOBS=	0.0	SIGMA=	18.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	47	41	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	47	43	FOBS=	42.4	SIGMA=	4.5	PHAS=	35.4	FOM=	0.23	TEST=	0
INDE	34	47	45	FOBS=	38.4	SIGMA=	5.0	PHAS=	-141.5	FOM=	0.22	TEST=	0
INDE	34	47	47	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	47	49	FOBS=	77.1	SIGMA=	2.6	PHAS=	-42.4	FOM=	0.13	TEST=	1
INDE	34	47	51	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	48	34	FOBS=	69.8	SIGMA=	2.6	PHAS=	-1.0	FOM=	0.82	TEST=	0
INDE	34	48	36	FOBS=	116.2	SIGMA=	1.7	PHAS=	77.6	FOM=	0.77	TEST=	0
INDE	34	48	38	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	48	40	FOBS=	24.9	SIGMA=	7.4	PHAS=	-135.1	FOM=	0.48	TEST=	0
INDE	34	48	42	FOBS=	31.5	SIGMA=	6.0	PHAS=	91.1	FOM=	0.57	TEST=	0
INDE	34	48	44	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	48	46	FOBS=	19.9	SIGMA=	11.5	PHAS=	-80.2	FOM=	0.15	TEST=	0
INDE	34	48	48	FOBS=	47.8	SIGMA=	4.1	PHAS=	-94.1	FOM=	0.85	TEST=	0
INDE	34	48	50	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	49	35	FOBS=	72.8	SIGMA=	2.7	PHAS=	-33.7	FOM=	0.80	TEST=	0
INDE	34	49	37	FOBS=	73.1	SIGMA=	2.6	PHAS=	176.1	FOM=	0.79	TEST=	0
INDE	34	49	39	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	49	41	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	49	43	FOBS=	26.6	SIGMA=	7.5	PHAS=	96.0	FOM=	0.36	TEST=	0
INDE	34	49	45	FOBS=	81.9	SIGMA=	2.4	PHAS=	176.4	FOM=	0.90	TEST=	0
INDE	34	49	47	FOBS=	0.0	SIGMA=	21.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	34	49	49	FOBS=	30.2	SIGMA=	8.7	PHAS=	89.9	FOM=	0.47	TEST=	0
INDE	34	50	34	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	50	36	FOBS=	97.9	SIGMA=	1.9	PHAS=	90.6	FOM=	0.93	TEST=	0
INDE	34	50	38	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	50	40	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	50	42	FOBS=	72.9	SIGMA=	2.6	PHAS=	27.6	FOM=	0.43	TEST=	0
INDE	34	50	44	FOBS=	65.9	SIGMA=	3.0	PHAS=	89.0	FOM=	0.02	TEST=	1
INDE	34	50	46	FOBS=	38.5	SIGMA=	5.4	PHAS=	-83.0	FOM=	0.69	TEST=	0
INDE	34	50	48	FOBS=	51.0	SIGMA=	4.5	PHAS=	-58.2	FOM=	0.53	TEST=	0
INDE	34	51	35	FOBS=	66.7	SIGMA=	2.8	PHAS=	-42.1	FOM=	0.69	TEST=	0
INDE	34	51	37	FOBS=	24.1	SIGMA=	8.6	PHAS=	-165.2	FOM=	0.39	TEST=	0
INDE	34	51	39	FOBS=	32.8	SIGMA=	5.7	PHAS=	149.0	FOM=	0.49	TEST=	0
INDE	34	51	41	FOBS=	28.8	SIGMA=	7.0	PHAS=	-119.6	FOM=	0.08	TEST=	0
INDE	34	51	43	FOBS=	10.5	SIGMA=	21.6	PHAS=	-124.1	FOM=	0.17	TEST=	0
INDE	34	51	45	FOBS=	85.2	SIGMA=	2.4	PHAS=	-170.8	FOM=	0.95	TEST=	0
INDE	34	51	47	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	52	34	FOBS=	56.6	SIGMA=	3.2	PHAS=	80.9	FOM=	0.53	TEST=	1
INDE	34	52	36	FOBS=	50.4	SIGMA=	3.7	PHAS=	-113.8	FOM=	0.40	TEST=	0
INDE	34	52	38	FOBS=	25.1	SIGMA=	8.8	PHAS=	-8.7	FOM=	0.68	TEST=	0
INDE	34	52	40	FOBS=	51.2	SIGMA=	3.7	PHAS=	163.8	FOM=	0.77	TEST=	0
INDE	34	52	42	FOBS=	41.8	SIGMA=	4.4	PHAS=	114.2	FOM=	0.30	TEST=	0

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INDE	34	52	44	FOBS=	86.4	SIGMA=	2.5	PHAS=	112.5	FOM=	0.90	TEST=	0
INDE	34	52	46	FOBS=	12.6	SIGMA=	19.6	PHAS=	33.9	FOM=	0.23	TEST=	0
INDE	34	53	35	FOBS=	44.1	SIGMA=	4.7	PHAS=	-179.3	FOM=	0.68	TEST=	0
INDE	34	53	37	FOBS=	64.7	SIGMA=	3.1	PHAS=	-143.8	FOM=	0.84	TEST=	0
INDE	34	53	39	FOBS=	45.7	SIGMA=	4.4	PHAS=	81.3	FOM=	0.77	TEST=	0
INDE	34	53	41	FOBS=	80.8	SIGMA=	2.5	PHAS=	64.6	FOM=	0.88	TEST=	0
INDE	34	53	43	FOBS=	0.0	SIGMA=	24.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	53	45	FOBS=	34.2	SIGMA=	6.7	PHAS=	100.5	FOM=	0.05	TEST=	1
INDE	34	54	34	FOBS=	53.1	SIGMA=	3.7	PHAS=	105.7	FOM=	0.81	TEST=	0
INDE	34	54	36	FOBS=	36.8	SIGMA=	6.1	PHAS=	127.2	FOM=	0.36	TEST=	0
INDE	34	54	38	FOBS=	60.3	SIGMA=	3.3	PHAS=	-35.2	FOM=	0.76	TEST=	0
INDE	34	54	40	FOBS=	75.2	SIGMA=	2.7	PHAS=	-90.1	FOM=	0.88	TEST=	0
INDE	34	54	42	FOBS=	0.0	SIGMA=	21.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	54	44	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	55	35	FOBS=	64.8	SIGMA=	3.0	PHAS=	80.3	FOM=	0.87	TEST=	0
INDE	34	55	37	FOBS=	45.1	SIGMA=	4.4	PHAS=	-129.2	FOM=	0.79	TEST=	0
INDE	34	55	39	FOBS=	96.7	SIGMA=	2.3	PHAS=	159.3	FOM=	0.95	TEST=	0
INDE	34	55	41	FOBS=	37.0	SIGMA=	7.2	PHAS=	-95.0	FOM=	0.47	TEST=	0
INDE	34	55	43	FOBS=	41.4	SIGMA=	5.6	PHAS=	164.5	FOM=	0.69	TEST=	0
INDE	34	56	34	FOBS=	78.9	SIGMA=	2.5	PHAS=	-27.5	FOM=	0.92	TEST=	0
INDE	34	56	36	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	34	56	38	FOBS=	75.2	SIGMA=	3.4	PHAS=	50.6	FOM=	0.41	TEST=	1
INDE	34	56	40	FOBS=	84.7	SIGMA=	2.9	PHAS=	133.9	FOM=	0.94	TEST=	0
INDE	34	57	35	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	57	37	FOBS=	0.0	SIGMA=	22.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	57	39	FOBS=	110.1	SIGMA=	2.2	PHAS=	64.0	FOM=	0.94	TEST=	0
INDE	34	58	34	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	34	58	36	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	34	58	38	FOBS=	76.3	SIGMA=	3.2	PHAS=	-40.2	FOM=	0.83	TEST=	0
INDE	34	59	35	FOBS=	36.2	SIGMA=	6.4	PHAS=	57.3	FOM=	0.04	TEST=	1
INDE	34	59	37	FOBS=	40.3	SIGMA=	5.9	PHAS=	-160.4	FOM=	0.65	TEST=	0
INDE	34	60	34	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	36	35	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	36	37	FOBS=	61.1	SIGMA=	2.8	PHAS=	-117.2	FOM=	0.84	TEST=	1
INDE	35	36	39	FOBS=	10.3	SIGMA=	16.6	PHAS=	-123.1	FOM=	0.19	TEST=	0
INDE	35	36	41	FOBS=	45.4	SIGMA=	4.6	PHAS=	169.2	FOM=	0.50	TEST=	0
INDE	35	36	43	FOBS=	82.7	SIGMA=	2.3	PHAS=	-38.6	FOM=	0.50	TEST=	1
INDE	35	36	45	FOBS=	113.2	SIGMA=	1.7	PHAS=	-4.4	FOM=	0.94	TEST=	0
INDE	35	36	47	FOBS=	59.4	SIGMA=	3.1	PHAS=	80.7	FOM=	0.76	TEST=	0
INDE	35	36	49	FOBS=	155.4	SIGMA=	1.3	PHAS=	-17.2	FOM=	0.97	TEST=	0
INDE	35	36	51	FOBS=	101.6	SIGMA=	1.9	PHAS=	-29.5	FOM=	0.93	TEST=	0
INDE	35	36	53	FOBS=	58.6	SIGMA=	3.4	PHAS=	24.9	FOM=	0.88	TEST=	0
INDE	35	36	55	FOBS=	34.9	SIGMA=	5.6	PHAS=	-137.7	FOM=	0.33	TEST=	0
INDE	35	36	57	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	36	59	FOBS=	29.0	SIGMA=	8.7	PHAS=	-105.7	FOM=	0.47	TEST=	0
INDE	35	37	36	FOBS=	10.6	SIGMA=	19.5	PHAS=	-132.5	FOM=	0.13	TEST=	0
INDE	35	37	38	FOBS=	67.0	SIGMA=	2.6	PHAS=	136.3	FOM=	0.84	TEST=	0
INDE	35	37	40	FOBS=	62.1	SIGMA=	2.8	PHAS=	-167.1	FOM=	0.26	TEST=	1
INDE	35	37	42	FOBS=	68.1	SIGMA=	2.8	PHAS=	54.9	FOM=	0.25	TEST=	0
INDE	35	37	44	FOBS=	45.9	SIGMA=	4.2	PHAS=	-118.7	FOM=	0.36	TEST=	0
INDE	35	37	46	FOBS=	89.9	SIGMA=	2.1	PHAS=	-26.2	FOM=	0.67	TEST=	1
INDE	35	37	48	FOBS=	56.6	SIGMA=	3.3	PHAS=	-103.3	FOM=	0.85	TEST=	0
INDE	35	37	50	FOBS=	149.6	SIGMA=	1.4	PHAS=	-140.2	FOM=	0.96	TEST=	0
INDE	35	37	52	FOBS=	85.1	SIGMA=	2.2	PHAS=	-101.9	FOM=	0.09	TEST=	1
INDE	35	37	54	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	37	56	FOBS=	11.7	SIGMA=	18.1	PHAS=	36.7	FOM=	0.03	TEST=	0
INDE	35	37	58	FOBS=	39.5	SIGMA=	5.2	PHAS=	-35.9	FOM=	0.35	TEST=	0
INDE	35	38	35	FOBS=	61.8	SIGMA=	2.7	PHAS=	-48.6	FOM=	0.69	TEST=	1
INDE	35	38	37	FOBS=	31.2	SIGMA=	5.7	PHAS=	149.1	FOM=	0.30	TEST=	0
INDE	35	38	39	FOBS=	102.2	SIGMA=	1.7	PHAS=	18.7	FOM=	0.88	TEST=	0
INDE	35	38	41	FOBS=	36.8	SIGMA=	4.8	PHAS=	-72.0	FOM=	0.28	TEST=	0
INDE	35	38	43	FOBS=	51.1	SIGMA=	3.8	PHAS=	162.1	FOM=	0.72	TEST=	0
INDE	35	38	45	FOBS=	107.8	SIGMA=	1.8	PHAS=	-46.5	FOM=	0.91	TEST=	0
INDE	35	38	47	FOBS=	83.3	SIGMA=	2.3	PHAS=	0.1	FOM=	0.87	TEST=	0
INDE	35	38	49	FOBS=	53.6	SIGMA=	3.7	PHAS=	-42.2	FOM=	0.86	TEST=	0
INDE	35	38	51	FOBS=	67.4	SIGMA=	2.8	PHAS=	-89.3	FOM=	0.05	TEST=	1
INDE	35	38	53	FOBS=	72.7	SIGMA=	2.8	PHAS=	29.2	FOM=	0.07	TEST=	1
INDE	35	38	55	FOBS=	81.3	SIGMA=	2.5	PHAS=	176.5	FOM=	0.93	TEST=	0
INDE	35	38	57	FOBS=	74.4	SIGMA=	2.8	PHAS=	157.3	FOM=	0.87	TEST=	0
INDE	35	39	36	FOBS=	112.3	SIGMA=	1.6	PHAS=	-60.9	FOM=	0.53	TEST=	1

FIG. 12A - 555

INDE	35	39	38	FOBS=	47.6	SIGMA=	3.6	PHAS=	91.2	FOM=	0.16	TEST=	1
INDE	35	39	40	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	39	42	FOBS=	87.0	SIGMA=	2.2	PHAS=	-14.7	FOM=	0.35	TEST=	0
INDE	35	39	44	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	39	46	FOBS=	150.0	SIGMA=	1.3	PHAS=	-118.5	FOM=	0.96	TEST=	0
INDE	35	39	48	FOBS=	73.3	SIGMA=	2.6	PHAS=	-160.7	FOM=	0.90	TEST=	0
INDE	35	39	50	FOBS=	41.8	SIGMA=	4.6	PHAS=	-145.3	FOM=	0.67	TEST=	0
INDE	35	39	52	FOBS=	52.1	SIGMA=	3.9	PHAS=	3.2	FOM=	0.69	TEST=	0
INDE	35	39	54	FOBS=	80.6	SIGMA=	2.6	PHAS=	37.8	FOM=	0.69	TEST=	0
INDE	35	39	56	FOBS=	113.1	SIGMA=	1.9	PHAS=	86.3	FOM=	0.96	TEST=	0
INDE	35	40	35	FOBS=	145.0	SIGMA=	1.2	PHAS=	-94.7	FOM=	0.94	TEST=	0
INDE	35	40	37	FOBS=	90.1	SIGMA=	1.9	PHAS=	-103.2	FOM=	0.90	TEST=	0
INDE	35	40	39	FOBS=	119.5	SIGMA=	1.5	PHAS=	82.6	FOM=	0.95	TEST=	0
INDE	35	40	41	FOBS=	42.4	SIGMA=	4.2	PHAS=	65.2	FOM=	0.72	TEST=	0
INDE	35	40	43	FOBS=	26.3	SIGMA=	8.4	PHAS=	-171.7	FOM=	0.26	TEST=	0
INDE	35	40	45	FOBS=	51.0	SIGMA=	3.8	PHAS=	165.1	FOM=	0.76	TEST=	0
INDE	35	40	47	FOBS=	68.2	SIGMA=	2.8	PHAS=	105.2	FOM=	0.82	TEST=	0
INDE	35	40	49	FOBS=	24.1	SIGMA=	9.1	PHAS=	93.2	FOM=	0.18	TEST=	0
INDE	35	40	51	FOBS=	26.4	SIGMA=	7.1	PHAS=	-14.9	FOM=	0.38	TEST=	0
INDE	35	40	53	FOBS=	22.2	SIGMA=	9.8	PHAS=	-42.8	FOM=	0.35	TEST=	0
INDE	35	40	55	FOBS=	32.8	SIGMA=	6.8	PHAS=	-107.7	FOM=	0.17	TEST=	0
INDE	35	41	36	FOBS=	82.5	SIGMA=	2.1	PHAS=	-174.8	FOM=	0.87	TEST=	0
INDE	35	41	38	FOBS=	92.3	SIGMA=	1.9	PHAS=	-138.8	FOM=	0.52	TEST=	1
INDE	35	41	40	FOBS=	100.2	SIGMA=	1.7	PHAS=	-5.0	FOM=	0.95	TEST=	0
INDE	35	41	42	FOBS=	82.1	SIGMA=	2.3	PHAS=	1.6	FOM=	0.90	TEST=	0
INDE	35	41	44	FOBS=	41.6	SIGMA=	4.7	PHAS=	136.5	FOM=	0.57	TEST=	0
INDE	35	41	46	FOBS=	44.9	SIGMA=	4.2	PHAS=	47.5	FOM=	0.51	TEST=	0
INDE	35	41	48	FOBS=	49.1	SIGMA=	4.0	PHAS=	67.8	FOM=	0.81	TEST=	0
INDE	35	41	50	FOBS=	115.3	SIGMA=	1.7	PHAS=	-98.3	FOM=	0.56	TEST=	1
INDE	35	41	52	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	41	54	FOBS=	45.0	SIGMA=	4.6	PHAS=	-176.9	FOM=	0.34	TEST=	0
INDE	35	41	56	FOBS=	99.4	SIGMA=	3.0	PHAS=	115.8	FOM=	0.92	TEST=	0
INDE	35	42	35	FOBS=	36.6	SIGMA=	5.3	PHAS=	5.4	FOM=	0.52	TEST=	0
INDE	35	42	37	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	42	39	FOBS=	84.9	SIGMA=	2.0	PHAS=	79.8	FOM=	0.92	TEST=	0
INDE	35	42	41	FOBS=	49.9	SIGMA=	3.5	PHAS=	90.9	FOM=	0.31	TEST=	0
INDE	35	42	43	FOBS=	103.6	SIGMA=	1.9	PHAS=	-61.1	FOM=	0.94	TEST=	0
INDE	35	42	45	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	35	42	47	FOBS=	82.9	SIGMA=	2.3	PHAS=	-68.1	FOM=	0.94	TEST=	0
INDE	35	42	49	FOBS=	59.9	SIGMA=	3.2	PHAS=	-147.0	FOM=	0.88	TEST=	0
INDE	35	42	51	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	42	53	FOBS=	33.8	SIGMA=	6.1	PHAS=	168.5	FOM=	0.30	TEST=	0
INDE	35	42	55	FOBS=	0.0	SIGMA=	22.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	43	36	FOBS=	55.1	SIGMA=	3.4	PHAS=	-71.1	FOM=	0.68	TEST=	0
INDE	35	43	38	FOBS=	0.0	SIGMA=	18.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	35	43	40	FOBS=	84.0	SIGMA=	2.0	PHAS=	-3.9	FOM=	0.95	TEST=	0
INDE	35	43	42	FOBS=	90.4	SIGMA=	2.1	PHAS=	-61.8	FOM=	0.94	TEST=	0
INDE	35	43	44	FOBS=	107.3	SIGMA=	1.8	PHAS=	-176.9	FOM=	0.96	TEST=	0
INDE	35	43	46	FOBS=	28.5	SIGMA=	6.6	PHAS=	-176.3	FOM=	0.57	TEST=	0
INDE	35	43	48	FOBS=	103.5	SIGMA=	1.9	PHAS=	157.2	FOM=	0.94	TEST=	0
INDE	35	43	50	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	43	52	FOBS=	43.2	SIGMA=	4.8	PHAS=	14.6	FOM=	0.25	TEST=	0
INDE	35	43	54	FOBS=	14.9	SIGMA=	17.0	PHAS=	94.3	FOM=	0.09	TEST=	0
INDE	35	44	35	FOBS=	76.6	SIGMA=	2.5	PHAS=	136.9	FOM=	0.79	TEST=	0
INDE	35	44	37	FOBS=	30.1	SIGMA=	5.8	PHAS=	-81.4	FOM=	0.57	TEST=	0
INDE	35	44	39	FOBS=	32.2	SIGMA=	5.7	PHAS=	81.6	FOM=	0.27	TEST=	0
INDE	35	44	41	FOBS=	65.1	SIGMA=	2.6	PHAS=	-148.9	FOM=	0.83	TEST=	0
INDE	35	44	43	FOBS=	41.6	SIGMA=	4.5	PHAS=	17.0	FOM=	0.64	TEST=	1
INDE	35	44	45	FOBS=	88.4	SIGMA=	2.2	PHAS=	48.4	FOM=	0.07	TEST=	1
INDE	35	44	47	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	35	44	49	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	44	51	FOBS=	61.0	SIGMA=	3.4	PHAS=	109.9	FOM=	0.01	TEST=	1
INDE	35	44	53	FOBS=	65.9	SIGMA=	3.3	PHAS=	-125.5	FOM=	0.80	TEST=	0
INDE	35	45	36	FOBS=	49.0	SIGMA=	3.7	PHAS=	-53.3	FOM=	0.48	TEST=	0
INDE	35	45	38	FOBS=	47.1	SIGMA=	3.6	PHAS=	-71.1	FOM=	0.76	TEST=	0
INDE	35	45	40	FOBS=	43.9	SIGMA=	3.8	PHAS=	150.0	FOM=	0.62	TEST=	0
INDE	35	45	42	FOBS=	27.9	SIGMA=	6.6	PHAS=	-46.6	FOM=	0.44	TEST=	0
INDE	35	45	44	FOBS=	7.8	SIGMA=	25.8	PHAS=	-82.1	FOM=	0.13	TEST=	0
INDE	35	45	46	FOBS=	0.0	SIGMA=	21.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	45	48	FOBS=	56.3	SIGMA=	3.4	PHAS=	166.0	FOM=	0.45	TEST=	1

FIG. 12A - 556

FIG. 12A - 557

INDE	35	45	50	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	45	52	FOBS=	40.1	SIGMA=	5.3	PHAS=	55.5	FOM=	0.43	TEST=	0
INDE	35	46	35	FOBS=	75.4	SIGMA=	2.5	PHAS=	-57.0	FOM=	0.86	TEST=	0
INDE	35	46	37	FOBS=	55.0	SIGMA=	3.4	PHAS=	121.4	FOM=	0.77	TEST=	0
INDE	35	46	39	FOBS=	42.7	SIGMA=	3.9	PHAS=	120.0	FOM=	0.69	TEST=	0
INDE	35	46	41	FOBS=	31.7	SIGMA=	5.6	PHAS=	157.5	FOM=	0.45	TEST=	0
INDE	35	46	43	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	46	45	FOBS=	52.5	SIGMA=	3.7	PHAS=	-37.9	FOM=	0.50	TEST=	0
INDE	35	46	47	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	46	49	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	46	51	FOBS=	50.2	SIGMA=	4.3	PHAS=	-91.8	FOM=	0.71	TEST=	0
INDE	35	47	36	FOBS=	52.6	SIGMA=	3.6	PHAS=	-27.6	FOM=	0.67	TEST=	1
INDE	35	47	38	FOBS=	83.3	SIGMA=	2.2	PHAS=	24.1	FOM=	0.90	TEST=	0
INDE	35	47	40	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	47	42	FOBS=	0.0	SIGMA=	23.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	47	44	FOBS=	41.5	SIGMA=	4.6	PHAS=	-11.4	FOM=	0.65	TEST=	0
INDE	35	47	46	FOBS=	13.0	SIGMA=	16.7	PHAS=	32.0	FOM=	0.24	TEST=	0
INDE	35	47	48	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	47	50	FOBS=	28.4	SIGMA=	7.9	PHAS=	-143.9	FOM=	0.37	TEST=	0
INDE	35	48	35	FOBS=	4.6	SIGMA=	41.8	PHAS=	163.4	FOM=	0.03	TEST=	0
INDE	35	48	37	FOBS=	89.7	SIGMA=	2.1	PHAS=	-31.4	FOM=	0.92	TEST=	0
INDE	35	48	39	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	48	41	FOBS=	51.7	SIGMA=	3.5	PHAS=	141.6	FOM=	0.62	TEST=	0
INDE	35	48	43	FOBS=	52.3	SIGMA=	3.7	PHAS=	3.4	FOM=	0.77	TEST=	0
INDE	35	48	45	FOBS=	28.6	SIGMA=	8.6	PHAS=	-65.0	FOM=	0.60	TEST=	0
INDE	35	48	47	FOBS=	52.5	SIGMA=	4.0	PHAS=	-71.4	FOM=	0.76	TEST=	0
INDE	35	48	49	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	35	49	36	FOBS=	128.8	SIGMA=	1.5	PHAS=	-101.2	FOM=	0.95	TEST=	0
INDE	35	49	38	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	49	40	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	49	42	FOBS=	50.0	SIGMA=	3.5	PHAS=	-107.9	FOM=	0.41	TEST=	0
INDE	35	49	44	FOBS=	46.5	SIGMA=	4.2	PHAS=	-72.5	FOM=	0.69	TEST=	0
INDE	35	49	46	FOBS=	74.7	SIGMA=	2.7	PHAS=	150.0	FOM=	0.91	TEST=	0
INDE	35	49	48	FOBS=	26.5	SIGMA=	8.1	PHAS=	-155.5	FOM=	0.50	TEST=	0
INDE	35	50	35	FOBS=	142.8	SIGMA=	1.4	PHAS=	143.4	FOM=	0.95	TEST=	0
INDE	35	50	37	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	50	39	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	35	50	41	FOBS=	50.7	SIGMA=	3.4	PHAS=	151.8	FOM=	0.69	TEST=	0
INDE	35	50	43	FOBS=	32.9	SIGMA=	5.6	PHAS=	-174.6	FOM=	0.15	TEST=	1
INDE	35	50	45	FOBS=	87.8	SIGMA=	2.3	PHAS=	64.8	FOM=	0.93	TEST=	0
INDE	35	50	47	FOBS=	54.0	SIGMA=	4.2	PHAS=	106.2	FOM=	0.44	TEST=	0
INDE	35	51	36	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	35	51	38	FOBS=	66.0	SIGMA=	2.9	PHAS=	129.1	FOM=	0.86	TEST=	0
INDE	35	51	40	FOBS=	83.5	SIGMA=	2.3	PHAS=	40.0	FOM=	0.84	TEST=	0
INDE	35	51	42	FOBS=	63.5	SIGMA=	2.8	PHAS=	19.8	FOM=	0.05	TEST=	1
INDE	35	51	44	FOBS=	62.5	SIGMA=	3.3	PHAS=	-41.1	FOM=	0.88	TEST=	0
INDE	35	51	46	FOBS=	0.0	SIGMA=	22.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	52	35	FOBS=	74.3	SIGMA=	2.5	PHAS=	16.0	FOM=	0.88	TEST=	0
INDE	35	52	37	FOBS=	89.4	SIGMA=	2.1	PHAS=	77.5	FOM=	0.93	TEST=	0
INDE	35	52	39	FOBS=	13.7	SIGMA=	15.5	PHAS=	22.8	FOM=	0.28	TEST=	0
INDE	35	52	41	FOBS=	69.9	SIGMA=	2.7	PHAS=	-9.9	FOM=	0.77	TEST=	0
INDE	35	52	43	FOBS=	55.7	SIGMA=	3.2	PHAS=	-140.0	FOM=	0.46	TEST=	0
INDE	35	52	45	FOBS=	97.3	SIGMA=	2.1	PHAS=	119.1	FOM=	0.91	TEST=	0
INDE	35	53	36	FOBS=	32.9	SIGMA=	6.3	PHAS=	-62.4	FOM=	0.22	TEST=	0
INDE	35	53	38	FOBS=	19.0	SIGMA=	11.2	PHAS=	117.2	FOM=	0.01	TEST=	1
INDE	35	53	40	FOBS=	10.4	SIGMA=	19.6	PHAS=	102.2	FOM=	0.16	TEST=	1
INDE	35	53	42	FOBS=	22.0	SIGMA=	10.8	PHAS=	-80.2	FOM=	0.51	TEST=	0
INDE	35	53	44	FOBS=	70.4	SIGMA=	2.9	PHAS=	30.2	FOM=	0.94	TEST=	0
INDE	35	54	35	FOBS=	45.0	SIGMA=	4.3	PHAS=	102.4	FOM=	0.86	TEST=	0
INDE	35	54	37	FOBS=	61.9	SIGMA=	3.3	PHAS=	115.2	FOM=	0.87	TEST=	0
INDE	35	54	39	FOBS=	49.8	SIGMA=	4.1	PHAS=	67.8	FOM=	0.86	TEST=	0
INDE	35	54	41	FOBS=	30.1	SIGMA=	6.8	PHAS=	152.2	FOM=	0.08	TEST=	1
INDE	35	54	43	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	55	36	FOBS=	56.0	SIGMA=	3.6	PHAS=	22.4	FOM=	0.80	TEST=	0
INDE	35	55	38	FOBS=	55.6	SIGMA=	3.7	PHAS=	-59.3	FOM=	0.27	TEST=	1
INDE	35	55	40	FOBS=	68.3	SIGMA=	3.1	PHAS=	51.7	FOM=	0.89	TEST=	0
INDE	35	55	42	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	56	35	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	56	37	FOBS=	0.0	SIGMA=	22.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	35	56	39	FOBS=	50.4	SIGMA=	4.3	PHAS=	-66.9	FOM=	0.61	TEST=	0

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INDE 35 56 41 FOBS= 49.3 SIGMA= 6.7 PHAS= 15.5 FOM= 0.66 TEST= 0
INDE 35 57 36 FOBS= 0.0 SIGMA= 19.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 35 57 38 FOBS= 35.9 SIGMA= 6.7 PHAS= 114.1 FOM= 0.43 TEST= 0
INDE 35 58 35 FOBS= 14.3 SIGMA= 19.3 PHAS= 71.8 FOM= 0.10 TEST= 0
INDE 35 58 37 FOBS= 0.0 SIGMA= 21.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 35 59 36 FOBS= 0.0 SIGMA= 24.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 36 36 36 FOBS= 103.5 SIGMA= 2.9 PHAS= -76.2 FOM= 0.90 TEST= 0
INDE 36 37 37 FOBS= 111.9 SIGMA= 1.6 PHAS= -170.4 FOM= 0.93 TEST= 0
INDE 36 37 39 FOBS= 47.7 SIGMA= 3.6 PHAS= -1.5 FOM= 0.55 TEST= 0
INDE 36 37 41 FOBS= 54.0 SIGMA= 3.3 PHAS= 151.2 FOM= 0.76 TEST= 0
INDE 36 37 43 FOBS= 45.4 SIGMA= 4.1 PHAS= 107.5 FOM= 0.21 TEST= 0
INDE 36 37 45 FOBS= 58.8 SIGMA= 3.2 PHAS= 114.7 FOM= 0.79 TEST= 0
INDE 36 37 47 FOBS= 35.4 SIGMA= 5.3 PHAS= 101.1 FOM= 0.45 TEST= 0
INDE 36 37 49 FOBS= 144.8 SIGMA= 1.4 PHAS= -66.2 FOM= 0.61 TEST= 1
INDE 36 37 51 FOBS= 57.2 SIGMA= 3.3 PHAS= -0.7 FOM= 0.07 TEST= 1
INDE 36 37 53 FOBS= 60.2 SIGMA= 3.3 PHAS= 26.8 FOM= 0.72 TEST= 0
INDE 36 37 55 FOBS= 47.8 SIGMA= 4.3 PHAS= 65.6 FOM= 0.47 TEST= 0
INDE 36 37 57 FOBS= 0.0 SIGMA= 20.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 36 38 36 FOBS= 39.8 SIGMA= 4.7 PHAS= -131.3 FOM= 0.36 TEST= 0
INDE 36 38 38 FOBS= 31.5 SIGMA= 5.7 PHAS= 145.6 FOM= 0.06 TEST= 1
INDE 36 38 40 FOBS= 0.0 SIGMA= 19.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 36 38 42 FOBS= 0.0 SIGMA= 18.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 36 38 44 FOBS= 44.8 SIGMA= 4.7 PHAS= 29.9 FOM= 0.68 TEST= 0
INDE 36 38 46 FOBS= 37.9 SIGMA= 5.5 PHAS= 112.0 FOM= 0.58 TEST= 0
INDE 36 38 48 FOBS= 62.3 SIGMA= 3.0 PHAS= 11.1 FOM= 0.38 TEST= 0
INDE 36 38 50 FOBS= 83.9 SIGMA= 2.3 PHAS= 170.4 FOM= 0.90 TEST= 0
INDE 36 38 52 FOBS= 43.7 SIGMA= 4.9 PHAS= -177.2 FOM= 0.38 TEST= 0
INDE 36 38 54 FOBS= 105.1 SIGMA= 2.0 PHAS= -70.0 FOM= 0.94 TEST= 0
INDE 36 38 56 FOBS= 41.0 SIGMA= 5.1 PHAS= -144.4 FOM= 0.42 TEST= 0
INDE 36 39 37 FOBS= 87.5 SIGMA= 2.0 PHAS= -131.2 FOM= 0.86 TEST= 0
INDE 36 39 39 FOBS= 34.0 SIGMA= 5.3 PHAS= -87.2 FOM= 0.37 TEST= 0
INDE 36 39 41 FOBS= 102.9 SIGMA= 1.7 PHAS= 54.4 FOM= 0.83 TEST= 0
INDE 36 39 43 FOBS= 13.6 SIGMA= 14.3 PHAS= 77.4 FOM= 0.19 TEST= 0
INDE 36 39 45 FOBS= 58.8 SIGMA= 3.2 PHAS= -34.6 FOM= 0.86 TEST= 0
INDE 36 39 47 FOBS= 15.6 SIGMA= 12.6 PHAS= -82.5 FOM= 0.21 TEST= 0
INDE 36 39 49 FOBS= 0.0 SIGMA= 19.3 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 36 39 51 FOBS= 49.3 SIGMA= 3.9 PHAS= 123.8 FOM= 0.61 TEST= 0
INDE 36 39 53 FOBS= 29.7 SIGMA= 6.8 PHAS= 128.5 FOM= 0.06 TEST= 1
INDE 36 39 55 FOBS= 42.7 SIGMA= 5.2 PHAS= 142.3 FOM= 0.80 TEST= 0
INDE 36 40 36 FOBS= 122.2 SIGMA= 1.5 PHAS= 169.3 FOM= 0.48 TEST= 1
INDE 36 40 38 FOBS= 137.0 SIGMA= 1.4 PHAS= 139.8 FOM= 0.95 TEST= 0
INDE 36 40 40 FOBS= 116.4 SIGMA= 1.5 PHAS= -34.5 FOM= 0.90 TEST= 0
INDE 36 40 42 FOBS= 133.7 SIGMA= 1.3 PHAS= -55.2 FOM= 0.92 TEST= 0
INDE 36 40 44 FOBS= 24.3 SIGMA= 10.8 PHAS= -103.3 FOM= 0.29 TEST= 0
INDE 36 40 46 FOBS= 0.0 SIGMA= 19.7 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 36 40 48 FOBS= 82.4 SIGMA= 2.3 PHAS= 40.3 FOM= 0.62 TEST= 0
INDE 36 40 50 FOBS= 69.3 SIGMA= 2.8 PHAS= 86.5 FOM= 0.17 TEST= 1
INDE 36 40 52 FOBS= 0.0 SIGMA= 20.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 36 40 54 FOBS= 59.5 SIGMA= 3.5 PHAS= -107.2 FOM= 0.40 TEST= 0
INDE 36 40 56 FOBS= 79.8 SIGMA= 2.7 PHAS= 5.7 FOM= 0.90 TEST= 0
INDE 36 41 37 FOBS= 87.5 SIGMA= 2.0 PHAS= 64.0 FOM= 0.92 TEST= 1
INDE 36 41 39 FOBS= 0.0 SIGMA= 19.8 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 36 41 41 FOBS= 83.8 SIGMA= 2.1 PHAS= -106.0 FOM= 0.87 TEST= 0
INDE 36 41 43 FOBS= 58.8 SIGMA= 3.0 PHAS= -121.1 FOM= 0.86 TEST= 0
INDE 36 41 45 FOBS= 23.0 SIGMA= 8.5 PHAS= 83.0 FOM= 0.65 TEST= 0
INDE 36 41 47 FOBS= 75.8 SIGMA= 2.5 PHAS= -92.3 FOM= 0.79 TEST= 0
INDE 36 41 49 FOBS= 29.0 SIGMA= 7.2 PHAS= -19.9 FOM= 0.83 TEST= 0
INDE 36 41 51 FOBS= 0.0 SIGMA= 20.6 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 36 41 53 FOBS= 38.6 SIGMA= 6.2 PHAS= -145.6 FOM= 0.25 TEST= 0
INDE 36 41 55 FOBS= 57.2 SIGMA= 3.7 PHAS= -83.9 FOM= 0.19 TEST= 1
INDE 36 42 36 FOBS= 0.0 SIGMA= 19.1 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 36 42 38 FOBS= 23.2 SIGMA= 8.8 PHAS= -121.6 FOM= 0.44 TEST= 0
INDE 36 42 40 FOBS= 51.9 SIGMA= 3.3 PHAS= -143.1 FOM= 0.65 TEST= 0
INDE 36 42 42 FOBS= 0.0 SIGMA= 18.9 PHAS= 0.0 FOM= 0.00 TEST= 0
INDE 36 42 44 FOBS= 28.0 SIGMA= 7.6 PHAS= 19.0 FOM= 0.20 TEST= 0
INDE 36 42 46 FOBS= 46.7 SIGMA= 4.2 PHAS= -9.9 FOM= 0.69 TEST= 0
INDE 36 42 48 FOBS= 18.3 SIGMA= 11.6 PHAS= -173.5 FOM= 0.32 TEST= 0
INDE 36 42 50 FOBS= 28.3 SIGMA= 7.1 PHAS= 153.0 FOM= 0.61 TEST= 0
INDE 36 42 52 FOBS= 32.1 SIGMA= 6.4 PHAS= 62.2 FOM= 0.00 TEST= 1
INDE 36 42 54 FOBS= 0.0 SIGMA= 20.5 PHAS= 0.0 FOM= 0.00 TEST= 0

INDE	36	43	37	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	43	39	FOBS=	17.8	SIGMA=	10.4	PHAS=	62.5	FOM=	0.24	TEST=	0
INDE	36	43	41	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	43	43	FOBS=	93.1	SIGMA=	2.0	PHAS=	-113.4	FOM=	0.93	TEST=	0
INDE	36	43	45	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	36	43	47	FOBS=	83.8	SIGMA=	2.3	PHAS=	-153.3	FOM=	0.88	TEST=	0
INDE	36	43	49	FOBS=	45.3	SIGMA=	4.4	PHAS=	57.1	FOM=	0.69	TEST=	0
INDE	36	43	51	FOBS=	36.3	SIGMA=	6.1	PHAS=	129.9	FOM=	0.36	TEST=	0
INDE	36	43	53	FOBS=	52.6	SIGMA=	4.0	PHAS=	152.6	FOM=	0.59	TEST=	0
INDE	36	44	36	FOBS=	14.4	SIGMA=	13.4	PHAS=	79.7	FOM=	0.26	TEST=	0
INDE	36	44	38	FOBS=	40.5	SIGMA=	4.1	PHAS=	143.1	FOM=	0.49	TEST=	0
INDE	36	44	40	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	44	42	FOBS=	80.7	SIGMA=	2.2	PHAS=	135.4	FOM=	0.90	TEST=	0
INDE	36	44	44	FOBS=	42.3	SIGMA=	4.5	PHAS=	-167.0	FOM=	0.48	TEST=	0
INDE	36	44	46	FOBS=	50.2	SIGMA=	3.8	PHAS=	149.3	FOM=	0.04	TEST=	1
INDE	36	44	48	FOBS=	49.5	SIGMA=	3.9	PHAS=	148.8	FOM=	0.06	TEST=	0
INDE	36	44	50	FOBS=	26.7	SIGMA=	8.2	PHAS=	-157.8	FOM=	0.24	TEST=	0
INDE	36	44	52	FOBS=	32.9	SIGMA=	7.2	PHAS=	41.8	FOM=	0.28	TEST=	0
INDE	36	45	37	FOBS=	69.8	SIGMA=	2.6	PHAS=	-40.9	FOM=	0.91	TEST=	0
INDE	36	45	39	FOBS=	12.0	SIGMA=	16.2	PHAS=	-31.9	FOM=	0.02	TEST=	1
INDE	36	45	41	FOBS=	61.4	SIGMA=	2.8	PHAS=	74.8	FOM=	0.74	TEST=	0
INDE	36	45	43	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	45	45	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	45	47	FOBS=	33.6	SIGMA=	6.1	PHAS=	155.5	FOM=	0.59	TEST=	0
INDE	36	45	49	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	45	51	FOBS=	55.9	SIGMA=	3.8	PHAS=	67.9	FOM=	0.18	TEST=	1
INDE	36	46	36	FOBS=	156.4	SIGMA=	1.3	PHAS=	-146.4	FOM=	0.97	TEST=	0
INDE	36	46	38	FOBS=	49.8	SIGMA=	3.5	PHAS=	-138.6	FOM=	0.87	TEST=	0
INDE	36	46	40	FOBS=	40.7	SIGMA=	4.2	PHAS=	-130.4	FOM=	0.09	TEST=	0
INDE	36	46	42	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	46	44	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	46	46	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	46	48	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	46	50	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	47	37	FOBS=	18.6	SIGMA=	11.2	PHAS=	126.7	FOM=	0.48	TEST=	0
INDE	36	47	39	FOBS=	62.7	SIGMA=	2.7	PHAS=	35.2	FOM=	0.64	TEST=	0
INDE	36	47	41	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	47	43	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	47	45	FOBS=	71.0	SIGMA=	2.8	PHAS=	-150.9	FOM=	0.72	TEST=	0
INDE	36	47	47	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	47	49	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	48	36	FOBS=	65.8	SIGMA=	2.9	PHAS=	81.2	FOM=	0.87	TEST=	0
INDE	36	48	38	FOBS=	108.5	SIGMA=	1.8	PHAS=	-98.4	FOM=	0.89	TEST=	0
INDE	36	48	40	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	48	42	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	48	44	FOBS=	52.0	SIGMA=	3.6	PHAS=	-12.5	FOM=	0.68	TEST=	0
INDE	36	48	46	FOBS=	32.6	SIGMA=	7.4	PHAS=	72.1	FOM=	0.49	TEST=	0
INDE	36	48	48	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	49	37	FOBS=	63.5	SIGMA=	3.0	PHAS=	163.4	FOM=	0.82	TEST=	0
INDE	36	49	39	FOBS=	47.5	SIGMA=	4.1	PHAS=	147.8	FOM=	0.68	TEST=	0
INDE	36	49	41	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	49	43	FOBS=	34.8	SIGMA=	5.3	PHAS=	-59.8	FOM=	0.10	TEST=	0
INDE	36	49	45	FOBS=	69.0	SIGMA=	2.8	PHAS=	-103.7	FOM=	0.89	TEST=	0
INDE	36	49	47	FOBS=	42.4	SIGMA=	5.0	PHAS=	73.3	FOM=	0.49	TEST=	0
INDE	36	50	36	FOBS=	82.6	SIGMA=	2.3	PHAS=	122.9	FOM=	0.16	TEST=	1
INDE	36	50	38	FOBS=	53.0	SIGMA=	3.6	PHAS=	61.4	FOM=	0.85	TEST=	0
INDE	36	50	40	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	50	42	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	50	44	FOBS=	75.5	SIGMA=	2.4	PHAS=	151.8	FOM=	0.13	TEST=	1
INDE	36	50	46	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	51	37	FOBS=	63.4	SIGMA=	3.0	PHAS=	-25.2	FOM=	0.86	TEST=	0
INDE	36	51	39	FOBS=	54.4	SIGMA=	3.5	PHAS=	17.9	FOM=	0.85	TEST=	0
INDE	36	51	41	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	51	43	FOBS=	27.7	SIGMA=	7.9	PHAS=	35.0	FOM=	0.31	TEST=	0
INDE	36	51	45	FOBS=	26.5	SIGMA=	7.7	PHAS=	-63.1	FOM=	0.44	TEST=	0
INDE	36	52	36	FOBS=	66.5	SIGMA=	2.9	PHAS=	-177.3	FOM=	0.89	TEST=	0
INDE	36	52	38	FOBS=	73.4	SIGMA=	2.6	PHAS=	1.2	FOM=	0.35	TEST=	1
INDE	36	52	40	FOBS=	63.5	SIGMA=	3.1	PHAS=	-43.6	FOM=	0.65	TEST=	0
INDE	36	52	42	FOBS=	25.5	SIGMA=	8.6	PHAS=	-127.6	FOM=	0.21	TEST=	0
INDE	36	52	44	FOBS=	112.4	SIGMA=	1.7	PHAS=	-125.3	FOM=	0.95	TEST=	0

INDE	36	53	37	FOBS=	73.3	SIGMA=	2.8	PHAS=	27.9	FOM=	0.85	TEST=	0
INDE	36	53	39	FOBS=	87.0	SIGMA=	2.4	PHAS=	-54.9	FOM=	0.65	TEST=	1
INDE	36	53	41	FOBS=	36.6	SIGMA=	5.6	PHAS=	-48.4	FOM=	0.52	TEST=	0
INDE	36	53	43	FOBS=	101.4	SIGMA=	2.0	PHAS=	140.3	FOM=	0.93	TEST=	0
INDE	36	54	36	FOBS=	30.7	SIGMA=	6.4	PHAS=	-22.1	FOM=	0.64	TEST=	0
INDE	36	54	38	FOBS=	34.0	SIGMA=	6.7	PHAS=	-65.8	FOM=	0.43	TEST=	0
INDE	36	54	40	FOBS=	84.2	SIGMA=	2.5	PHAS=	-47.3	FOM=	0.90	TEST=	0
INDE	36	54	42	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	55	37	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	55	39	FOBS=	15.3	SIGMA=	14.4	PHAS=	-170.0	FOM=	0.37	TEST=	0
INDE	36	55	41	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	56	36	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	56	38	FOBS=	22.7	SIGMA=	9.7	PHAS=	-34.3	FOM=	0.26	TEST=	0
INDE	36	56	40	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	57	37	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	36	58	36	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	37	38	37	FOBS=	85.2	SIGMA=	2.0	PHAS=	115.5	FOM=	0.87	TEST=	0
INDE	37	38	39	FOBS=	121.9	SIGMA=	1.5	PHAS=	117.8	FOM=	0.93	TEST=	0
INDE	37	38	41	FOBS=	36.9	SIGMA=	4.9	PHAS=	48.0	FOM=	0.19	TEST=	0
INDE	37	38	43	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	38	45	FOBS=	40.1	SIGMA=	4.9	PHAS=	-98.3	FOM=	0.69	TEST=	0
INDE	37	38	47	FOBS=	89.0	SIGMA=	2.2	PHAS=	-22.0	FOM=	0.87	TEST=	0
INDE	37	38	49	FOBS=	87.2	SIGMA=	2.2	PHAS=	-109.8	FOM=	0.93	TEST=	0
INDE	37	38	51	FOBS=	32.8	SIGMA=	6.1	PHAS=	63.8	FOM=	0.16	TEST=	0
INDE	37	38	53	FOBS=	54.0	SIGMA=	3.8	PHAS=	60.7	FOM=	0.63	TEST=	0
INDE	37	38	55	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	37	39	38	FOBS=	104.6	SIGMA=	1.7	PHAS=	8.5	FOM=	0.92	TEST=	0
INDE	37	39	40	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	39	42	FOBS=	2.9	SIGMA=	72.6	PHAS=	-156.1	FOM=	0.01	TEST=	0
INDE	37	39	44	FOBS=	16.8	SIGMA=	10.5	PHAS=	65.5	FOM=	0.14	TEST=	0
INDE	37	39	46	FOBS=	77.5	SIGMA=	2.5	PHAS=	-88.2	FOM=	0.93	TEST=	0
INDE	37	39	48	FOBS=	55.6	SIGMA=	3.4	PHAS=	-57.1	FOM=	0.83	TEST=	0
INDE	37	39	50	FOBS=	104.1	SIGMA=	2.0	PHAS=	177.4	FOM=	0.07	TEST=	1
INDE	37	39	52	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	39	54	FOBS=	22.1	SIGMA=	9.7	PHAS=	75.7	FOM=	0.32	TEST=	0
INDE	37	39	56	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	40	37	FOBS=	63.5	SIGMA=	2.7	PHAS=	-126.0	FOM=	0.89	TEST=	0
INDE	37	40	39	FOBS=	50.2	SIGMA=	3.5	PHAS=	83.3	FOM=	0.57	TEST=	0
INDE	37	40	41	FOBS=	56.1	SIGMA=	3.1	PHAS=	-96.0	FOM=	0.49	TEST=	0
INDE	37	40	43	FOBS=	0.0	SIGMA=	18.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	40	45	FOBS=	74.6	SIGMA=	2.4	PHAS=	-155.7	FOM=	0.77	TEST=	0
INDE	37	40	47	FOBS=	68.4	SIGMA=	2.8	PHAS=	-143.5	FOM=	0.86	TEST=	0
INDE	37	40	49	FOBS=	81.0	SIGMA=	2.4	PHAS=	-149.5	FOM=	0.76	TEST=	0
INDE	37	40	51	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	40	53	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	40	55	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	41	38	FOBS=	23.2	SIGMA=	7.7	PHAS=	24.7	FOM=	0.31	TEST=	0
INDE	37	41	40	FOBS=	52.2	SIGMA=	3.3	PHAS=	-86.1	FOM=	0.15	TEST=	1
INDE	37	41	42	FOBS=	31.9	SIGMA=	5.6	PHAS=	102.3	FOM=	0.44	TEST=	0
INDE	37	41	44	FOBS=	95.0	SIGMA=	1.9	PHAS=	163.1	FOM=	0.87	TEST=	0
INDE	37	41	46	FOBS=	50.5	SIGMA=	3.8	PHAS=	-40.2	FOM=	0.15	TEST=	1
INDE	37	41	48	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	41	50	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	41	52	FOBS=	27.7	SIGMA=	7.5	PHAS=	-164.9	FOM=	0.09	TEST=	0
INDE	37	41	54	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	42	37	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	37	42	39	FOBS=	78.0	SIGMA=	2.2	PHAS=	-123.8	FOM=	0.48	TEST=	0
INDE	37	42	41	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	42	43	FOBS=	73.3	SIGMA=	2.4	PHAS=	119.4	FOM=	0.89	TEST=	0
INDE	37	42	45	FOBS=	40.8	SIGMA=	4.4	PHAS=	47.9	FOM=	0.63	TEST=	0
INDE	37	42	47	FOBS=	55.8	SIGMA=	3.4	PHAS=	-145.6	FOM=	0.75	TEST=	0
INDE	37	42	49	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	42	51	FOBS=	42.2	SIGMA=	4.9	PHAS=	17.9	FOM=	0.65	TEST=	0
INDE	37	42	53	FOBS=	0.0	SIGMA=	20.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	43	38	FOBS=	32.2	SIGMA=	6.5	PHAS=	-111.6	FOM=	0.10	TEST=	0
INDE	37	43	40	FOBS=	40.4	SIGMA=	4.2	PHAS=	123.7	FOM=	0.37	TEST=	0
INDE	37	43	42	FOBS=	73.5	SIGMA=	2.4	PHAS=	9.3	FOM=	0.85	TEST=	0
INDE	37	43	44	FOBS=	8.1	SIGMA=	26.1	PHAS=	137.3	FOM=	0.15	TEST=	0
INDE	37	43	46	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	43	48	FOBS=	68.2	SIGMA=	2.8	PHAS=	107.1	FOM=	0.77	TEST=	0

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INDE	37	43	50	FOBS=	27.5	SIGMA=	7.8	PHAS=	-120.2	FOM=	0.20	TEST=	0
INDE	37	43	52	FOBS=	0.0	SIGMA=	21.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	44	37	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	44	39	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	44	41	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	44	43	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	44	45	FOBS=	13.2	SIGMA=	14.4	PHAS=	-149.0	FOM=	0.31	TEST=	0
INDE	37	44	47	FOBS=	55.9	SIGMA=	3.5	PHAS=	130.1	FOM=	0.76	TEST=	0
INDE	37	44	49	FOBS=	50.7	SIGMA=	3.9	PHAS=	-68.5	FOM=	0.39	TEST=	0
INDE	37	44	51	FOBS=	52.0	SIGMA=	4.1	PHAS=	86.1	FOM=	0.66	TEST=	0
INDE	37	45	38	FOBS=	69.2	SIGMA=	2.5	PHAS=	-161.0	FOM=	0.44	TEST=	0
INDE	37	45	40	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	45	42	FOBS=	0.0	SIGMA=	18.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	37	45	44	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	45	46	FOBS=	19.5	SIGMA=	9.4	PHAS=	175.0	FOM=	0.39	TEST=	0
INDE	37	45	48	FOBS=	67.4	SIGMA=	2.9	PHAS=	138.8	FOM=	0.91	TEST=	0
INDE	37	45	50	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	46	37	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	46	39	FOBS=	31.9	SIGMA=	5.3	PHAS=	-112.0	FOM=	0.61	TEST=	0
INDE	37	46	41	FOBS=	25.8	SIGMA=	6.9	PHAS=	74.9	FOM=	0.27	TEST=	0
INDE	37	46	43	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	46	45	FOBS=	96.4	SIGMA=	1.9	PHAS=	52.4	FOM=	0.11	TEST=	1
INDE	37	46	47	FOBS=	71.3	SIGMA=	2.8	PHAS=	76.5	FOM=	0.91	TEST=	0
INDE	37	46	49	FOBS=	58.3	SIGMA=	3.5	PHAS=	44.8	FOM=	0.59	TEST=	0
INDE	37	47	38	FOBS=	103.8	SIGMA=	1.9	PHAS=	130.5	FOM=	0.85	TEST=	0
INDE	37	47	40	FOBS=	62.4	SIGMA=	2.8	PHAS=	-71.2	FOM=	0.53	TEST=	0
INDE	37	47	42	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	47	44	FOBS=	30.9	SIGMA=	6.0	PHAS=	-73.2	FOM=	0.66	TEST=	0
INDE	37	47	46	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	47	48	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	48	37	FOBS=	162.1	SIGMA=	1.3	PHAS=	20.4	FOM=	0.96	TEST=	0
INDE	37	48	39	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	48	41	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	48	43	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	48	45	FOBS=	92.9	SIGMA=	2.0	PHAS=	-160.6	FOM=	0.93	TEST=	0
INDE	37	48	47	FOBS=	50.0	SIGMA=	4.3	PHAS=	13.6	FOM=	0.71	TEST=	0
INDE	37	49	38	FOBS=	18.8	SIGMA=	12.0	PHAS=	-105.4	FOM=	0.06	TEST=	0
INDE	37	49	40	FOBS=	0.0	SIGMA=	19.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	49	42	FOBS=	49.2	SIGMA=	3.6	PHAS=	179.3	FOM=	0.64	TEST=	0
INDE	37	49	44	FOBS=	36.3	SIGMA=	5.6	PHAS=	-176.6	FOM=	0.60	TEST=	0
INDE	37	49	46	FOBS=	54.7	SIGMA=	3.7	PHAS=	-170.2	FOM=	0.88	TEST=	0
INDE	37	50	37	FOBS=	31.8	SIGMA=	6.5	PHAS=	6.1	FOM=	0.31	TEST=	0
INDE	37	50	39	FOBS=	32.2	SIGMA=	6.2	PHAS=	-8.9	FOM=	0.67	TEST=	0
INDE	37	50	41	FOBS=	35.3	SIGMA=	5.7	PHAS=	133.5	FOM=	0.71	TEST=	0
INDE	37	50	43	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	50	45	FOBS=	68.2	SIGMA=	2.7	PHAS=	140.1	FOM=	0.88	TEST=	0
INDE	37	51	38	FOBS=	42.7	SIGMA=	5.4	PHAS=	-107.3	FOM=	0.42	TEST=	0
INDE	37	51	40	FOBS=	18.2	SIGMA=	11.8	PHAS=	-121.0	FOM=	0.06	TEST=	1
INDE	37	51	42	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	51	44	FOBS=	87.8	SIGMA=	2.1	PHAS=	98.3	FOM=	0.92	TEST=	0
INDE	37	52	37	FOBS=	64.6	SIGMA=	3.0	PHAS=	126.2	FOM=	0.68	TEST=	0
INDE	37	52	39	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	52	41	FOBS=	86.4	SIGMA=	2.3	PHAS=	178.4	FOM=	0.86	TEST=	0
INDE	37	52	43	FOBS=	71.1	SIGMA=	2.7	PHAS=	-3.5	FOM=	0.88	TEST=	0
INDE	37	53	38	FOBS=	73.3	SIGMA=	2.8	PHAS=	15.8	FOM=	0.24	TEST=	1
INDE	37	53	40	FOBS=	53.2	SIGMA=	3.9	PHAS=	-102.8	FOM=	0.82	TEST=	0
INDE	37	53	42	FOBS=	67.8	SIGMA=	2.9	PHAS=	-51.0	FOM=	0.72	TEST=	0
INDE	37	54	37	FOBS=	65.2	SIGMA=	3.1	PHAS=	-101.2	FOM=	0.16	TEST=	1
INDE	37	54	39	FOBS=	0.0	SIGMA=	23.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	54	41	FOBS=	60.2	SIGMA=	3.5	PHAS=	-152.8	FOM=	0.84	TEST=	0
INDE	37	55	38	FOBS=	0.0	SIGMA=	21.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	55	40	FOBS=	0.0	SIGMA=	23.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	56	37	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	37	56	39	FOBS=	0.0	SIGMA=	22.3	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	38	38	38	FOBS=	208.1	SIGMA=	1.6	PHAS=	-152.8	FOM=	0.97	TEST=	0
INDE	38	39	39	FOBS=	139.5	SIGMA=	1.3	PHAS=	127.0	FOM=	0.95	TEST=	0
INDE	38	39	41	FOBS=	61.1	SIGMA=	2.8	PHAS=	40.4	FOM=	0.78	TEST=	0
INDE	38	39	43	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	38	39	45	FOBS=	63.9	SIGMA=	2.7	PHAS=	97.6	FOM=	0.40	TEST=	1
INDE	38	39	47	FOBS=	105.6	SIGMA=	1.8	PHAS=	158.3	FOM=	0.94	TEST=	0

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INDE	38	39	49	FOBS=	75.6	SIGMA=	2.5	PHAS=	177.4	FOM=	0.91	TEST=	0
INDE	38	39	51	FOBS=	38.5	SIGMA=	5.0	PHAS=	-71.2	FOM=	0.14	TEST=	0
INDE	38	39	53	FOBS=	46.6	SIGMA=	4.7	PHAS=	147.9	FOM=	0.73	TEST=	0
INDE	38	39	55	FOBS=	0.0	SIGMA=	22.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	38	40	38	FOBS=	63.8	SIGMA=	2.7	PHAS=	166.6	FOM=	0.74	TEST=	0
INDE	38	40	40	FOBS=	91.4	SIGMA=	1.9	PHAS=	-50.8	FOM=	0.26	TEST=	1
INDE	38	40	42	FOBS=	0.0	SIGMA=	18.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	38	40	44	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	38	40	46	FOBS=	61.7	SIGMA=	2.8	PHAS=	6.1	FOM=	0.72	TEST=	0
INDE	38	40	48	FOBS=	11.1	SIGMA=	20.7	PHAS=	152.6	FOM=	0.26	TEST=	0
INDE	38	40	50	FOBS=	32.8	SIGMA=	7.0	PHAS=	67.0	FOM=	0.61	TEST=	0
INDE	38	40	52	FOBS=	10.2	SIGMA=	20.2	PHAS=	121.3	FOM=	0.21	TEST=	0
INDE	38	40	54	FOBS=	0.0	SIGMA=	21.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	38	41	39	FOBS=	31.5	SIGMA=	6.0	PHAS=	34.8	FOM=	0.24	TEST=	1
INDE	38	41	41	FOBS=	14.1	SIGMA=	13.5	PHAS=	178.2	FOM=	0.13	TEST=	0
INDE	38	41	43	FOBS=	86.6	SIGMA=	2.0	PHAS=	-34.5	FOM=	0.88	TEST=	0
INDE	38	41	45	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	38	41	47	FOBS=	66.1	SIGMA=	2.8	PHAS=	161.8	FOM=	0.84	TEST=	0
INDE	38	41	49	FOBS=	78.8	SIGMA=	2.5	PHAS=	-163.2	FOM=	0.92	TEST=	0
INDE	38	41	51	FOBS=	13.2	SIGMA=	15.5	PHAS=	7.4	FOM=	0.30	TEST=	0
INDE	38	41	53	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	38	42	38	FOBS=	0.0	SIGMA=	18.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	38	42	40	FOBS=	34.1	SIGMA=	5.0	PHAS=	128.3	FOM=	0.62	TEST=	0
INDE	38	42	42	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	38	42	44	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	38	42	46	FOBS=	64.9	SIGMA=	2.7	PHAS=	-96.0	FOM=	0.67	TEST=	0
INDE	38	42	48	FOBS=	109.0	SIGMA=	1.8	PHAS=	130.2	FOM=	0.94	TEST=	0
INDE	38	42	50	FOBS=	50.8	SIGMA=	4.0	PHAS=	89.9	FOM=	0.85	TEST=	0
INDE	38	42	52	FOBS=	27.1	SIGMA=	8.9	PHAS=	-70.4	FOM=	0.00	TEST=	1
INDE	38	43	39	FOBS=	35.4	SIGMA=	5.3	PHAS=	-90.5	FOM=	0.04	TEST=	0
INDE	38	43	41	FOBS=	26.7	SIGMA=	6.8	PHAS=	72.2	FOM=	0.43	TEST=	0
INDE	38	43	43	FOBS=	78.4	SIGMA=	2.3	PHAS=	-8.1	FOM=	0.71	TEST=	0
INDE	38	43	45	FOBS=	27.1	SIGMA=	7.1	PHAS=	-165.1	FOM=	0.30	TEST=	0
INDE	38	43	47	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	38	43	49	FOBS=	28.8	SIGMA=	6.7	PHAS=	30.8	FOM=	0.61	TEST=	0
INDE	38	43	51	FOBS=	63.5	SIGMA=	3.4	PHAS=	-16.0	FOM=	0.78	TEST=	0
INDE	38	44	38	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	38	44	40	FOBS=	68.4	SIGMA=	2.5	PHAS=	112.3	FOM=	0.32	TEST=	1
INDE	38	44	42	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	38	44	44	FOBS=	53.8	SIGMA=	3.3	PHAS=	-124.5	FOM=	0.69	TEST=	0
INDE	38	44	46	FOBS=	39.4	SIGMA=	4.5	PHAS=	139.8	FOM=	0.64	TEST=	0
INDE	38	44	48	FOBS=	102.9	SIGMA=	2.0	PHAS=	64.3	FOM=	0.95	TEST=	0
INDE	38	44	50	FOBS=	49.1	SIGMA=	4.0	PHAS=	-148.4	FOM=	0.41	TEST=	0
INDE	38	45	39	FOBS=	32.6	SIGMA=	6.1	PHAS=	-53.1	FOM=	0.50	TEST=	0
INDE	38	45	41	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	38	45	43	FOBS=	23.1	SIGMA=	7.6	PHAS=	79.1	FOM=	0.36	TEST=	0
INDE	38	45	45	FOBS=	45.3	SIGMA=	3.9	PHAS=	127.7	FOM=	0.66	TEST=	0
INDE	38	45	47	FOBS=	64.6	SIGMA=	2.8	PHAS=	4.8	FOM=	0.09	TEST=	1
INDE	38	45	49	FOBS=	81.7	SIGMA=	2.5	PHAS=	38.3	FOM=	0.72	TEST=	0
INDE	38	46	38	FOBS=	104.6	SIGMA=	1.8	PHAS=	149.4	FOM=	0.85	TEST=	0
INDE	38	46	40	FOBS=	89.4	SIGMA=	2.0	PHAS=	165.9	FOM=	0.91	TEST=	0
INDE	38	46	42	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	38	46	44	FOBS=	58.3	SIGMA=	3.1	PHAS=	-163.9	FOM=	0.64	TEST=	0
INDE	38	46	46	FOBS=	63.9	SIGMA=	3.0	PHAS=	138.7	FOM=	0.91	TEST=	0
INDE	38	46	48	FOBS=	30.0	SIGMA=	6.7	PHAS=	66.4	FOM=	0.54	TEST=	0
INDE	38	47	39	FOBS=	110.0	SIGMA=	1.6	PHAS=	47.6	FOM=	0.95	TEST=	0
INDE	38	47	41	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	38	47	43	FOBS=	58.5	SIGMA=	3.1	PHAS=	95.3	FOM=	0.77	TEST=	0
INDE	38	47	45	FOBS=	87.4	SIGMA=	2.1	PHAS=	117.0	FOM=	0.93	TEST=	0
INDE	38	47	47	FOBS=	54.3	SIGMA=	3.5	PHAS=	20.1	FOM=	0.11	TEST=	1
INDE	38	48	38	FOBS=	79.5	SIGMA=	2.6	PHAS=	-79.7	FOM=	0.92	TEST=	0
INDE	38	48	40	FOBS=	0.0	SIGMA=	18.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	38	48	42	FOBS=	29.0	SIGMA=	6.1	PHAS=	143.6	FOM=	0.19	TEST=	1
INDE	38	48	44	FOBS=	22.1	SIGMA=	8.5	PHAS=	78.3	FOM=	0.21	TEST=	0
INDE	38	48	46	FOBS=	115.3	SIGMA=	1.7	PHAS=	106.4	FOM=	0.97	TEST=	0
INDE	38	49	39	FOBS=	19.9	SIGMA=	10.2	PHAS=	166.6	FOM=	0.44	TEST=	0
INDE	38	49	41	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	38	49	43	FOBS=	40.3	SIGMA=	4.5	PHAS=	128.6	FOM=	0.19	TEST=	0
INDE	38	49	45	FOBS=	84.8	SIGMA=	2.2	PHAS=	49.5	FOM=	0.92	TEST=	0
INDE	38	50	38	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0

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INDE	38	50	40	FOBS=	6.2	SIGMA=	45.2	PHAS=	-6.1	FOM=	0.09	TEST=	0
INDE	38	50	42	FOBS=	62.1	SIGMA=	2.9	PHAS=	14.3	FOM=	0.09	TEST=	0
INDE	38	50	44	FOBS=	11.9	SIGMA=	16.3	PHAS=	-46.3	FOM=	0.23	TEST=	0
INDE	38	51	39	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	38	51	41	FOBS=	0.0	SIGMA=	19.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	38	51	43	FOBS=	30.5	SIGMA=	6.6	PHAS=	-178.8	FOM=	0.69	TEST=	0
INDE	38	52	38	FOBS=	32.1	SIGMA=	6.8	PHAS=	53.9	FOM=	0.07	TEST=	1
INDE	38	52	40	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	38	52	42	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	38	53	39	FOBS=	93.0	SIGMA=	2.3	PHAS=	33.3	FOM=	0.93	TEST=	0
INDE	38	53	41	FOBS=	41.9	SIGMA=	4.8	PHAS=	68.6	FOM=	0.78	TEST=	0
INDE	38	54	38	FOBS=	48.5	SIGMA=	4.3	PHAS=	-48.9	FOM=	0.82	TEST=	0
INDE	38	54	40	FOBS=	77.2	SIGMA=	2.8	PHAS=	-43.6	FOM=	0.92	TEST=	0
INDE	38	55	39	FOBS=	10.2	SIGMA=	20.7	PHAS=	-135.4	FOM=	0.08	TEST=	0
INDE	38	56	38	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	39	40	39	FOBS=	100.9	SIGMA=	1.8	PHAS=	56.7	FOM=	0.95	TEST=	0
INDE	39	40	41	FOBS=	86.5	SIGMA=	2.0	PHAS=	-17.9	FOM=	0.57	TEST=	1
INDE	39	40	43	FOBS=	74.4	SIGMA=	2.5	PHAS=	-149.5	FOM=	0.88	TEST=	0
INDE	39	40	45	FOBS=	44.9	SIGMA=	4.1	PHAS=	152.0	FOM=	0.72	TEST=	0
INDE	39	40	47	FOBS=	60.5	SIGMA=	2.9	PHAS=	92.5	FOM=	0.87	TEST=	0
INDE	39	40	49	FOBS=	110.3	SIGMA=	1.7	PHAS=	86.6	FOM=	0.96	TEST=	0
INDE	39	40	51	FOBS=	33.4	SIGMA=	6.7	PHAS=	-54.6	FOM=	0.61	TEST=	0
INDE	39	40	53	FOBS=	66.5	SIGMA=	3.2	PHAS=	20.6	FOM=	0.79	TEST=	0
INDE	39	41	40	FOBS=	27.5	SIGMA=	6.9	PHAS=	61.2	FOM=	0.05	TEST=	1
INDE	39	41	42	FOBS=	51.6	SIGMA=	3.4	PHAS=	92.8	FOM=	0.86	TEST=	0
INDE	39	41	44	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	39	41	46	FOBS=	56.1	SIGMA=	3.1	PHAS=	-152.4	FOM=	0.20	TEST=	0
INDE	39	41	48	FOBS=	86.8	SIGMA=	2.1	PHAS=	15.9	FOM=	0.92	TEST=	0
INDE	39	41	50	FOBS=	74.8	SIGMA=	2.7	PHAS=	73.8	FOM=	0.90	TEST=	0
INDE	39	41	52	FOBS=	40.1	SIGMA=	5.3	PHAS=	-2.3	FOM=	0.57	TEST=	0
INDE	39	42	39	FOBS=	52.3	SIGMA=	3.3	PHAS=	-60.9	FOM=	0.55	TEST=	0
INDE	39	42	41	FOBS=	68.7	SIGMA=	2.6	PHAS=	10.3	FOM=	0.87	TEST=	0
INDE	39	42	43	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	39	42	45	FOBS=	28.6	SIGMA=	6.5	PHAS=	23.8	FOM=	0.77	TEST=	0
INDE	39	42	47	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	39	42	49	FOBS=	70.8	SIGMA=	2.7	PHAS=	74.8	FOM=	0.91	TEST=	0
INDE	39	42	51	FOBS=	66.8	SIGMA=	3.2	PHAS=	-49.4	FOM=	0.85	TEST=	0
INDE	39	43	40	FOBS=	23.5	SIGMA=	8.0	PHAS=	45.0	FOM=	0.25	TEST=	0
INDE	39	43	42	FOBS=	41.4	SIGMA=	4.3	PHAS=	44.8	FOM=	0.58	TEST=	0
INDE	39	43	44	FOBS=	52.2	SIGMA=	3.7	PHAS=	-94.6	FOM=	0.77	TEST=	0
INDE	39	43	46	FOBS=	0.0	SIGMA=	19.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	39	43	48	FOBS=	75.2	SIGMA=	2.4	PHAS=	23.5	FOM=	0.94	TEST=	0
INDE	39	43	50	FOBS=	46.0	SIGMA=	4.5	PHAS=	32.7	FOM=	0.51	TEST=	0
INDE	39	44	39	FOBS=	37.8	SIGMA=	4.8	PHAS=	-115.9	FOM=	0.61	TEST=	0
INDE	39	44	41	FOBS=	73.6	SIGMA=	2.4	PHAS=	131.6	FOM=	0.20	TEST=	1
INDE	39	44	43	FOBS=	60.3	SIGMA=	3.0	PHAS=	-64.1	FOM=	0.82	TEST=	0
INDE	39	44	45	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	39	44	47	FOBS=	71.2	SIGMA=	2.6	PHAS=	147.8	FOM=	0.57	TEST=	0
INDE	39	44	49	FOBS=	57.4	SIGMA=	3.3	PHAS=	-33.5	FOM=	0.90	TEST=	0
INDE	39	45	40	FOBS=	134.4	SIGMA=	1.4	PHAS=	8.3	FOM=	0.93	TEST=	0
INDE	39	45	42	FOBS=	0.0	SIGMA=	18.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	39	45	44	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	39	45	46	FOBS=	84.4	SIGMA=	2.2	PHAS=	45.4	FOM=	0.93	TEST=	0
INDE	39	45	48	FOBS=	68.7	SIGMA=	2.7	PHAS=	38.2	FOM=	0.79	TEST=	0
INDE	39	45	50	FOBS=	33.2	SIGMA=	10.2	PHAS=	-134.2	FOM=	0.21	TEST=	0
INDE	39	46	39	FOBS=	147.2	SIGMA=	1.3	PHAS=	-62.5	FOM=	0.96	TEST=	0
INDE	39	46	41	FOBS=	12.1	SIGMA=	15.1	PHAS=	-69.2	FOM=	0.04	TEST=	0
INDE	39	46	43	FOBS=	17.0	SIGMA=	11.3	PHAS=	-50.6	FOM=	0.19	TEST=	0
INDE	39	46	45	FOBS=	0.0	SIGMA=	21.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	39	46	47	FOBS=	70.9	SIGMA=	2.6	PHAS=	-8.5	FOM=	0.83	TEST=	0
INDE	39	46	49	FOBS=	40.0	SIGMA=	5.8	PHAS=	-67.2	FOM=	0.27	TEST=	0
INDE	39	47	40	FOBS=	26.3	SIGMA=	7.4	PHAS=	74.9	FOM=	0.22	TEST=	0
INDE	39	47	42	FOBS=	34.5	SIGMA=	5.2	PHAS=	79.8	FOM=	0.32	TEST=	0
INDE	39	47	44	FOBS=	60.0	SIGMA=	3.1	PHAS=	77.6	FOM=	0.57	TEST=	0
INDE	39	47	46	FOBS=	143.5	SIGMA=	1.4	PHAS=	26.5	FOM=	0.97	TEST=	0
INDE	39	47	48	FOBS=	47.6	SIGMA=	4.4	PHAS=	41.3	FOM=	0.83	TEST=	0
INDE	39	48	39	FOBS=	49.8	SIGMA=	3.7	PHAS=	136.0	FOM=	0.64	TEST=	0
INDE	39	48	41	FOBS=	36.0	SIGMA=	5.4	PHAS=	138.6	FOM=	0.36	TEST=	0
INDE	39	48	43	FOBS=	109.2	SIGMA=	1.7	PHAS=	-34.1	FOM=	0.18	TEST=	1
INDE	39	48	45	FOBS=	70.3	SIGMA=	2.7	PHAS=	-67.3	FOM=	0.90	TEST=	0

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INDE	41	42	51	FOBS=	48.1	SIGMA=	5.7	PHAS=	-176.2	FOM=	0.57	TEST=	0
INDE	41	43	42	FOBS=	159.1	SIGMA=	1.2	PHAS=	-138.7	FOM=	0.96	TEST=	0
INDE	41	43	44	FOBS=	54.0	SIGMA=	3.3	PHAS=	-98.2	FOM=	0.08	TEST=	1
INDE	41	43	46	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	41	43	48	FOBS=	0.0	SIGMA=	19.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	41	43	50	FOBS=	27.1	SIGMA=	8.6	PHAS=	-154.5	FOM=	0.49	TEST=	0
INDE	41	44	41	FOBS=	105.4	SIGMA=	1.8	PHAS=	114.3	FOM=	0.96	TEST=	0
INDE	41	44	43	FOBS=	0.0	SIGMA=	20.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	41	44	45	FOBS=	51.4	SIGMA=	3.6	PHAS=	138.4	FOM=	0.69	TEST=	0
INDE	41	44	47	FOBS=	0.0	SIGMA=	20.1	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	41	44	49	FOBS=	19.9	SIGMA=	9.9	PHAS=	-154.4	FOM=	0.12	TEST=	0
INDE	41	45	42	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	41	45	44	FOBS=	54.4	SIGMA=	3.4	PHAS=	65.1	FOM=	0.59	TEST=	0
INDE	41	45	46	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	41	45	48	FOBS=	0.0	SIGMA=	20.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	41	46	41	FOBS=	62.6	SIGMA=	2.9	PHAS=	105.7	FOM=	0.56	TEST=	0
INDE	41	46	43	FOBS=	91.6	SIGMA=	2.1	PHAS=	-132.7	FOM=	0.82	TEST=	0
INDE	41	46	45	FOBS=	2.2	SIGMA=	91.2	PHAS=	31.6	FOM=	0.04	TEST=	0
INDE	41	46	47	FOBS=	0.0	SIGMA=	19.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	41	47	42	FOBS=	68.9	SIGMA=	2.7	PHAS=	97.5	FOM=	0.68	TEST=	0
INDE	41	47	44	FOBS=	0.0	SIGMA=	22.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	41	47	46	FOBS=	69.7	SIGMA=	2.8	PHAS=	-53.4	FOM=	0.92	TEST=	0
INDE	41	48	41	FOBS=	55.7	SIGMA=	3.3	PHAS=	-46.4	FOM=	0.87	TEST=	0
INDE	41	48	43	FOBS=	0.0	SIGMA=	20.6	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	41	48	45	FOBS=	94.3	SIGMA=	2.1	PHAS=	-109.2	FOM=	0.86	TEST=	0
INDE	41	49	42	FOBS=	30.9	SIGMA=	6.6	PHAS=	-20.2	FOM=	0.26	TEST=	0
INDE	41	49	44	FOBS=	73.3	SIGMA=	2.6	PHAS=	-156.7	FOM=	0.90	TEST=	0
INDE	41	50	41	FOBS=	103.3	SIGMA=	1.8	PHAS=	-100.0	FOM=	0.96	TEST=	0
INDE	41	50	43	FOBS=	49.2	SIGMA=	3.9	PHAS=	152.4	FOM=	0.81	TEST=	0
INDE	41	51	42	FOBS=	35.5	SIGMA=	8.5	PHAS=	115.0	FOM=	0.61	TEST=	0
INDE	42	42	42	FOBS=	166.5	SIGMA=	2.1	PHAS=	87.5	FOM=	0.90	TEST=	0
INDE	42	43	43	FOBS=	44.1	SIGMA=	4.8	PHAS=	-101.7	FOM=	0.51	TEST=	0
INDE	42	43	45	FOBS=	37.8	SIGMA=	4.9	PHAS=	84.7	FOM=	0.27	TEST=	0
INDE	42	43	47	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	42	43	49	FOBS=	21.0	SIGMA=	9.0	PHAS=	23.9	FOM=	0.29	TEST=	0
INDE	42	44	42	FOBS=	58.6	SIGMA=	3.2	PHAS=	99.4	FOM=	0.59	TEST=	0
INDE	42	44	44	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	42	44	46	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	42	44	48	FOBS=	0.0	SIGMA=	19.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	42	45	43	FOBS=	18.2	SIGMA=	10.6	PHAS=	135.2	FOM=	0.20	TEST=	0
INDE	42	45	45	FOBS=	0.0	SIGMA=	19.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	42	45	47	FOBS=	0.0	SIGMA=	21.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	42	46	42	FOBS=	34.0	SIGMA=	5.4	PHAS=	-23.1	FOM=	0.59	TEST=	0
INDE	42	46	44	FOBS=	0.0	SIGMA=	20.8	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	42	46	46	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	42	47	43	FOBS=	27.2	SIGMA=	7.2	PHAS=	155.7	FOM=	0.58	TEST=	0
INDE	42	47	45	FOBS=	55.9	SIGMA=	3.5	PHAS=	166.8	FOM=	0.40	TEST=	1
INDE	42	48	42	FOBS=	0.0	SIGMA=	19.2	PHAS=	0.0	FOM=	0.00	TEST=	1
INDE	42	48	44	FOBS=	46.3	SIGMA=	4.2	PHAS=	55.8	FOM=	0.75	TEST=	0
INDE	42	49	43	FOBS=	0.0	SIGMA=	20.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	42	50	42	FOBS=	47.8	SIGMA=	4.0	PHAS=	-161.7	FOM=	0.71	TEST=	0
INDE	43	44	43	FOBS=	33.9	SIGMA=	5.5	PHAS=	116.0	FOM=	0.37	TEST=	0
INDE	43	44	45	FOBS=	0.0	SIGMA=	21.4	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	43	44	47	FOBS=	0.0	SIGMA=	20.5	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	43	45	44	FOBS=	0.0	SIGMA=	20.7	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	43	45	46	FOBS=	39.6	SIGMA=	5.1	PHAS=	-151.0	FOM=	0.42	TEST=	0
INDE	43	46	43	FOBS=	0.0	SIGMA=	19.3	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	43	46	45	FOBS=	39.0	SIGMA=	5.5	PHAS=	118.3	FOM=	0.62	TEST=	0
INDE	43	47	44	FOBS=	0.0	SIGMA=	19.9	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	43	48	43	FOBS=	30.1	SIGMA=	6.6	PHAS=	78.0	FOM=	0.40	TEST=	0
INDE	44	44	44	FOBS=	63.4	SIGMA=	5.2	PHAS=	75.6	FOM=	0.41	TEST=	0
INDE	44	45	45	FOBS=	0.0	SIGMA=	20.0	PHAS=	0.0	FOM=	0.00	TEST=	0
INDE	44	46	44	FOBS=	37.9	SIGMA=	5.3	PHAS=	174.9	FOM=	0.53	TEST=	0